

TOOLS

for strong challenges

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CANGINI

26
ENGLISH

HISTORY

1989

THE DEBUT AS SPECIALIZED METALWORKING WORKSHOP IN THE FAMILY HOUSE, IN THE RURAL AREA OF PAGNO, IN THE HEART OF THE ROMAGNA'S APENNINES.

1990

THE CANGINI BROTHERS SPECIALIZE THEIR ACTIVITY IN THE DESIGN AND PRODUCTION OF BUCKETS.

1992

THE YOUNG COMPANY IS ABLE TO CATCH THE MARKET'S SIGNS. THE CATALOGUE IS RICHER AND THE FIRST QUICK COUPLER, THE AR MODEL, IS PRODUCED.



1996

THE FIRST CANGINI ATTACHMENT JOINS THE CATALOGUE. THE COMPANY SETTLES IN THE NEW PLANT OF SARSINA.

CANGINIBENNE

2001

THE CR MECHANICAL QUICK COUPLER IS PLACED ON THE MARKET.

2006

THE EXPORT SHARE GROWS AND THE PRODUCTION AREA INAUGURATES ITS NEW 2,500 M².

2010

THE WORLD ECONOMIC CRISIS AFFECTS THE ITALIAN MARKET. CANGINI GROWS STRONGER THANKS TO ITS EXPORT SHARE.

CANGINI

CANGINI

2016

MENTION OF HONOUR TO SAFETY BY THE SAMOTER INNOVATION AWARD.

2017

NEW PRODUCTION AREA DEVOTED TO HYDRAULIC ATTACHMENTS (2,400 M²) WITH A NEW WATER-COATING PLANT.



2021

SWEDISH INVESTMENT COMPANY LIFCO AB ACQUIRED THE MAJORITY OF CANGINI BENNE SHARES, WHICH BECOMES PART OF THE DEMOLITION & TOOLS DIVISION, HEADED BY THE KINSHOFER GROUP.



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TECHNICAL LEGEND

WEIGHT	W/O ROTATION	BRUSH DIAMETER
EMPTY WEIGHT	BIDIRECTIONAL ROTATION	MAX. PIPE DIAMETER
FULL LOAD WEIGHT/OPERATING	SHAFTS	HEX KEY
ALLOWED MAX CAPACITY	SELECTED THICKNESS DIAMETER	MATCHING BUCKET
LIFTING CAPACITY	HAMMERS	ADAPTER
OIL FLOWRATE	STANDARD Y BLADES + INTERMEDIATE KNIFE	EXCAVATOR
OIL FLOWRATE REQUESTED FOR ROTATION	CUTTING DIAMETER	SKID LOADER
TEETH LOADING CAPACITY	ROTOR DIAMETER	MINI SKID LOADER
POWER	ROTOR MAXIMUM DIAMETER	WHEEL LOADER
PRESSURE	DC TEETH + DTE TEETH	BACKHOE LOADER
BELT TRANSMISSION	DF TEETH	TELEHANDLER
ROTATION	BRUSH	TRACTOR

THE BEST YEARS ARE THOSE STILL TO COME

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ATTACHMENTS FOR EXCAVATORS



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ATTACHMENTS FOR EXCAVATORS



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PF/PG SORTING GRAPPLES FOR EXCAVATOR

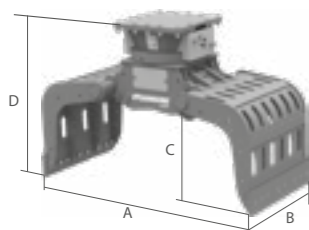


HB400



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

HYDRAULIC ROTATION STANDARDIZED ON ALL MODELS. DESIGNED TO HANDLE DIFFERENT MATERIALS. HB400 CLAMPS WITH BOLT-ON REVERSIBLE CUTTING EDGES. ITS STRONG FRAME ALLOWS OPERATORS TO USE IT ALSO FOR LIGHT DEMOLITION WORKS.



	TONS (LB)	1,2 - 1,8 (2646-3968)	1,8 - 2,5 (3968-5512)	2,5 - 4,0 (5512-8818)	4,0 - 6,0 (8818-13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26455)	12,0 - 14,0 (26455 - 30865)			
MOD.		100PF	150PF	200PF	250PF	300PF	300PG	450PF	450PG	550PF	550PG
A MM (IN)		700 (28)	900 (35)	1100 (43)	1300 (51)	1300 (51)	1300 (51)	1500 (59)	1500 (59)	1600 (63)	1600 (63)
B MM (IN)		300 (12)	400 (16)	500 (20)	500 (20)	600 (24)	600 (24)	700 (28)	700 (28)	700 (28)	700 (28)
C MM (IN)		270 (11)	300 (12)	330 (13)	390 (15)	410 (16)	410 (16)	460 (18)	460 (18)	480 (19)	480 (19)
D MM (IN)		680 (27)	750 (30)	810 (32)	850 (33)	930 (37)	930 (37)	990 (39)	990 (39)	1030 (41)	1030 (41)
W/O COUPLER	KG (LB)	93 (205)	150 (331)	203 (448)	320 (705)	380 (838)	400 (882)	550 (1213)	590 (1301)	630 (1389)	645 (1422)

JAWS DRIVE CYLINDER

MAX.	BAR (PSI)	180 (2611)	220 (3191)	245 (3553)	275 (3989)	350 (5076)	350 (5076)	350 (5076)	350 (5076)	350 (5076)	350 (5076)
MAX.	L/MIN (GAL/MIN)	25 (7)	25 (7)	25 (7)	60 (16)	60 (16)	60 (16)	60 (16)	60 (16)	60 (16)	60 (16)

ROTATION ENGINE

MAX.	BAR (PSI)	250 (3626)	250 (3626)	150 (2176)	150 (2176)	150 (2176)	150 (2176)	150 (2176)	150 (2176)	150 (2176)	150 (2176)
	L/MIN (GAL/MIN)	22 (6)	22 (6)	6/8 (1,6/2,1)	9/12 (2,4/3,2)	9/12 (2,4/3,2)	9/12 (2,4/3,2)	9/12 (2,4/3,2)	9/12 (2,4/3,2)	9/12 (2,4/3,2)	9/12 (2,4/3,2)

		100PF	150PF	200PF	250PF	300PF	300PG	450PF	450PG	550PF	550PG
DC TEETH	N.	5	5	5	5	5	5	7	7	7	7
		DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 3 (KG 2,1)	DC 5 (KG 3,5)	DC 5 (KG 3,5)	DC 5 (KG 3,5)	DC 5 (KG 3,5)	DC 5 (KG 3,5)	DC 5 (KG 3,5)	DC 5 (KG 3,5)



STANDARD

- 1 A HYDRAULIC ROTATION WITH SLEWING RING (EXCEPT THE 100PF AND 150PF MODELS)**
- 1 B HYDRAULIC ROTATION WITH HYDRAULIC ROTATOR (ONLY FOR THE 100PF AND 150PF MODELS)**
ALL SHEARS ARE EQUIPPED WITH A BIDIRECTIONAL HYDRAULIC ROTATION.
- 2 PG VERSION (HB400 MATERIALS) OR PF VERSION (HB400 MATERIALS)**
PG VERSION MAKES THE CLAMPS PARTICULARLY RESISTANT AND IDEAL FOR HEAVIER WORKS.

OPTIONAL

- 3 DC TEETH**
IDEAL FOR THE STONES GRABBING AND THE HANDLING OF FILLING MATERIAL.
- 4 TWO PIPE KIT**
A BUILT-IN SOLENOID VALVE ENABLES USE OF HYDRAULIC ROTATION AND JAWS OPENING/CLOSING FUNCTIONS EVEN ON EXCAVATORS WITH ONE DOUBLE-ACTION HYDRAULIC LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 5 CURB HANDLING KIT**
DEVICES WITH A RUBBER SURFACE FOR THE HANDLING OF CONCRETE CURBS.
- 6 TOOTHED SIDE CLOSING**
THE TOOTHING ENABLES TO HANDLE STONES AND/OR WOOD STONES AND/OR WOOD AND ENSURES A STEADIER GRIP.
- 7 SIDE CLOSING**
IT INCREASES THE GRAPPLE'S LOADING CAPACITY.



PF/PG MULTIPURPOSE SELECTION GRAPPLE FOR EXCAVATOR



EXCAVATOR

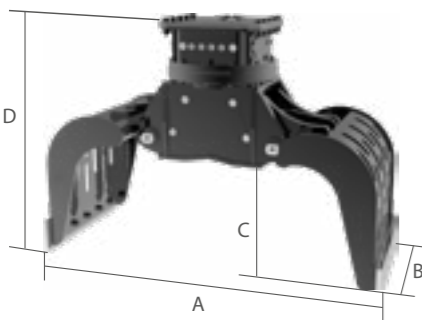


BACKHOE LOADER



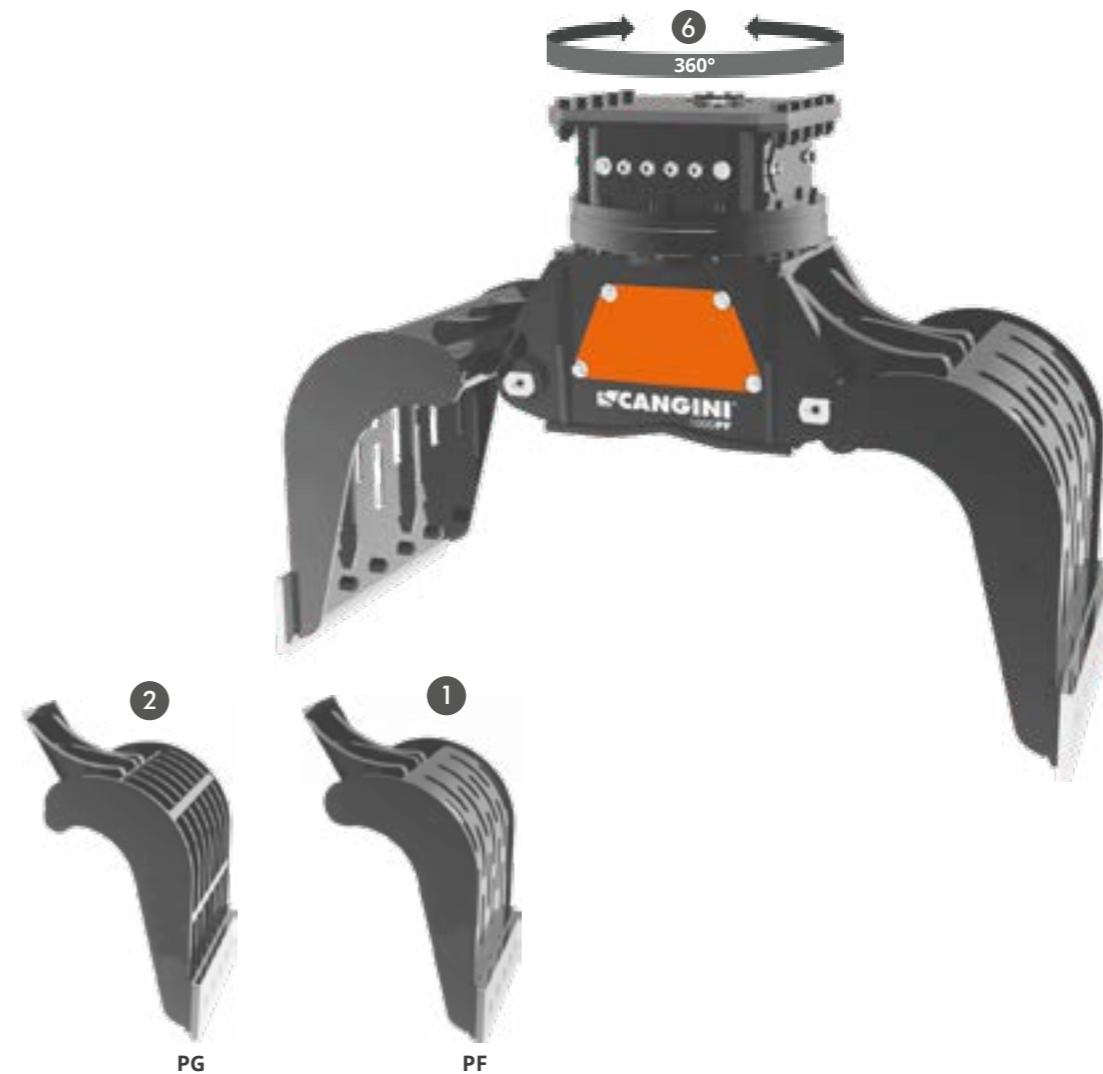
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE SORTING GRAPPLE IS DESIGNED FOR HANDLING, RECYCLING AND TO CARRY EVEN SMALL DEMOLITIONS OF DIFFERENT MATERIALS, THANKS TO ITS STRONG STRUCTURE. CONCEIVED TO HANDLE VARIOUS MATERIALS RELIABLY AND SAFELY. ITS EXTRA STRENGTH IS PROVIDED BY ITS HB400 WEAR-RESISTANT STEEL BLADES. THE STANDARD 360° HYDRAULIC ROTATION ENSURES MAXIMUM EFFICIENCY AND A PRECISE RESULT.



	TONS (LB)	14,00 - 18,00 (30864,7 - 39683,2)		18,00 - 25,00 (39683,2 - 55115,6)	
		MOD.	1000PF	1000PG	1500PF
A	MM (IN)	1780 (70)	1780 (70)	1950 (77)	1950 (77)
B	MM (IN)	800 (31)	800 (31)	1020 (40)	1020 (40)
C	MM (IN)	570 (22)	570 (22)	675 (27)	675 (27)
D	MM (IN)	1225 (48)	1225 (48)	1550 (61)	1550 (61)
	KG (LB)	1000 (2205)	1380 (3042)	1500 (3307)	2080 (4585)
W/O COUPLER					
ROTATION		360°	360°	360°	360°
JAWS DRIVE CYLINDER					
	MAX.	BAR (PSI)	300 (4351)	300 (4351)	300 (4351)
	MAX.	L/MIN (GAL/MIN)	50 (13)	50 (13)	75 (20)
ROTATION ENGINE					
	MAX.	BAR (PSI)	80 (1160)	80 (1160)	80 (1160)
	MAX.	L/MIN (GAL/MIN)	40 - 60 (10 - 16)	40 - 60 (10 - 16)	40 - 60 (10 - 16)

**** NB: ALL MODELS WILL BE SUPPLIED WITHOUT COUPLER**



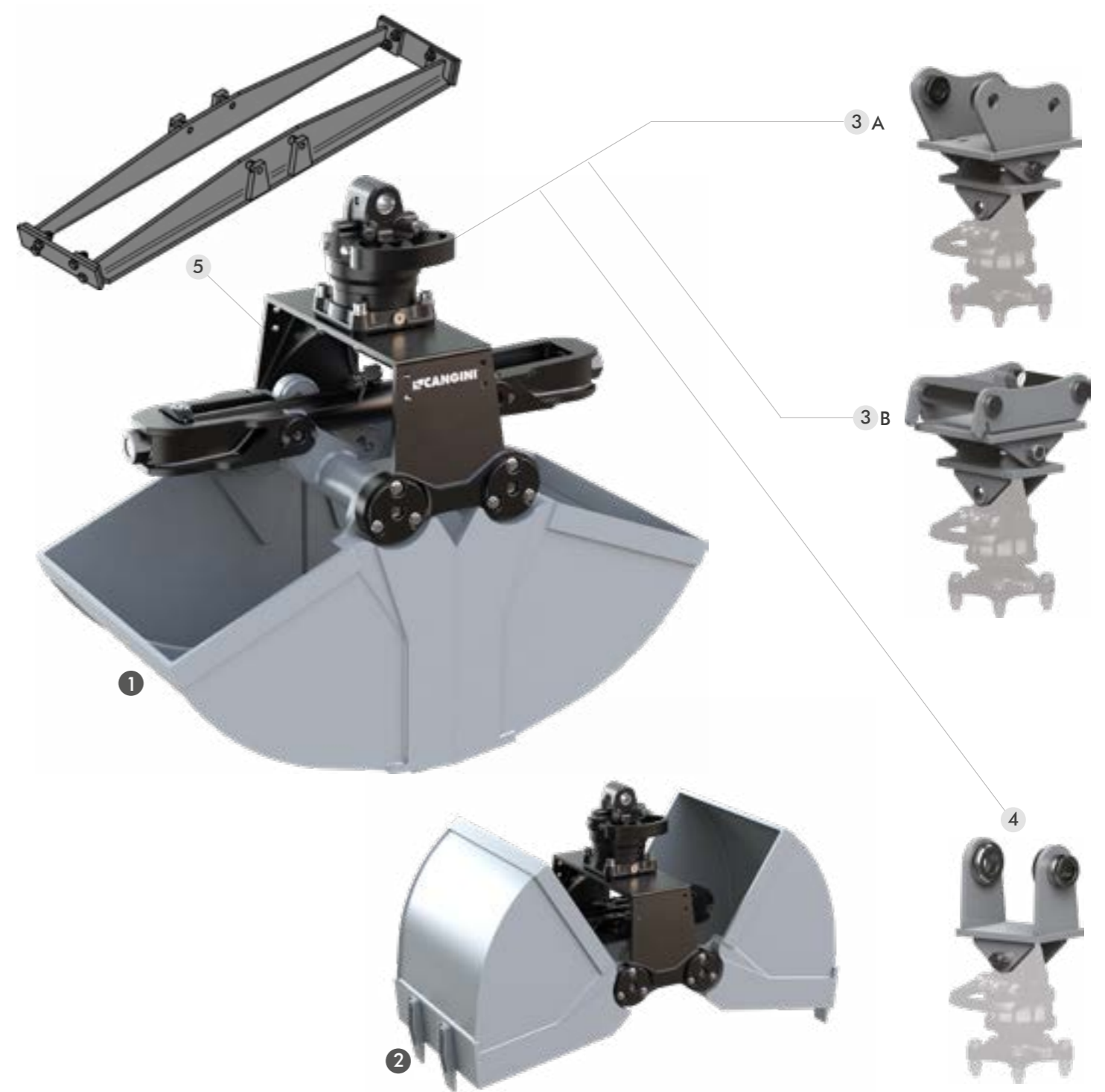
STANDARD

- 1 STANDARD CONFIGURATION (PF)
- 2 DEMOLITION CONFIGURATION (PG)
- 3 HB400 STEEL EDGE BLADES
- 4 GUARDS TO PROTECT CYLINDER FROM RUBBLE
- 5 BUILT-IN "RELIEF VALVE"
- 6 INTEGRAL 360° ROTATION



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE CLAMSHELL BUCKET IS DESIGNED TO WITHSTAND WEAR, WITH CUTTING EDGES IN HB500 STEEL TO ENSURE A LONG WORKING LIFE. THIS ATTACHMENT IS ALSO IDEAL FOR HANDLING BULK MATERIALS AND FOR LOADING WASTE. SUITABLE FOR EXCAVATION AND FOR LOADING SOIL, SAND AND OTHER INERT MATERIALS. ITS COMPACT DESIGN GUARANTEES A HIGH LOAD CAPACITY, WITH EXCELLENT EXCAVATION CHARACTERISTICS PROVIDED BY HIGH CLOSING FORCES.



STANDARD TECHNICAL FEATURES

- 1 **CLAWS IN HB500 STEEL**
- 2 **DF TEETH**

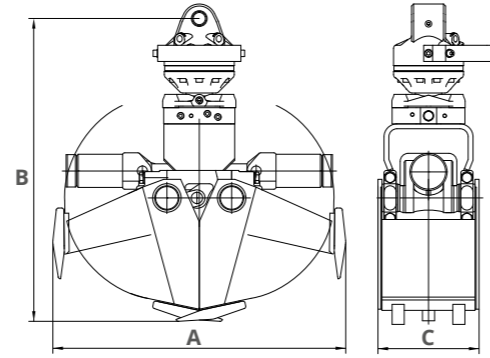
OPTIONAL







- 3 **DOUBLE PIN COUPLING (A) OR ADAPTOR (B)**
- 4 **SINGLE PIN COUPLING**
- 5 **SCRAPER**

IT IS A MECHANISM THAT CAN BE SCREWED TO THE CLAMSHELL BUCKET TO EASIER EMPTY THE SHELLS, ESPECIALLY WHEN WORKING IN STICKY SOILS. DURING THE OPENING PROCESS, THE SCRAPER PUSHES THE MATERIAL OUT OF THE SHELLS.

MOD.	C02H	C05H	C08H	C10H	C12VE
TONS (LB)	1,0 (2.205) - 2,0 (4.409)	3,0 (6.614) - 6,0 (13.228)	4,0 (8818) - 9,0 (19.842)	6,0 (13228) - 10,0 (22.046)	9,0 (19.842) - 12,0 (26.455)

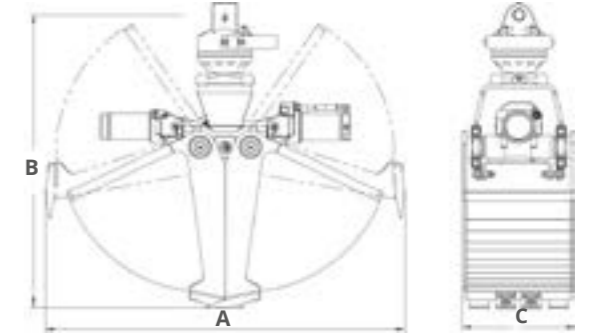
C02H MACHINE WEIGHT 1,0 - 2,0 t (2205 - 4409 lb)









MOD.	C02H - 25	C02H - 30	C02H - 40
A	MM (IN) 725 (28,5)	725 (28,5)	725 (28,5)
B	MM (IN) 750 (29,5)	750 (29,5)	750 (29,5)
C	MM (IN) 250 (9,8)	300 (11,8)	400 (15,7)
 Kg	92 (203)	99 (218)	112 (247)
N.	3	3	4
 KG (LB)	1000 (2205)	1000 (2205)	1000 (2205)
L (GAL)	25 (6)	30 (8)	45 (12)
 L/MIN (GAL/MIN)	40 (10)	40 (10)	40 (10)
 BAR (PSI)	200 (2901)	200 (2901)	200 (2901)
 L/MIN (GAL/MIN)	50 (13)	50 (13)	50 (13)
 BAR (PSI)	320 (4641)	320 (4641)	320 (4641)

* weight of the tank excluding attachment

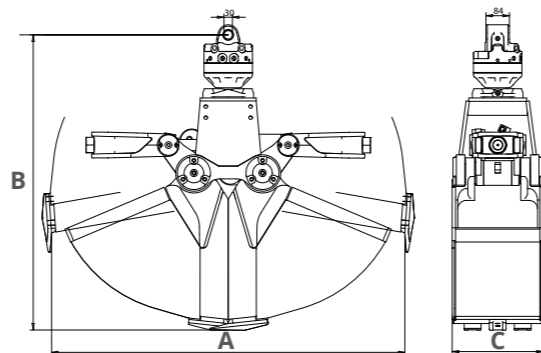
C05H MACHINE WEIGHT 3,0 - 6,0 t (6614 - 13228 lb)



MOD.	C05H - 25	C05H - 30	C05H - 35	C05H - 40	C05H - 45	C05H - 50	C05H - 60
A	MM (IN) 1090 (42,9)	1090 (42,9)	1090 (42,9)	1090 (42,9)	1090 (42,9)	1090 (42,9)	880 (34,6)
B	MM (IN) 930 (36,6)	930 (36,6)	930 (36,6)	930 (36,6)	930 (36,6)	930 (36,6)	825 (32,4)
C	MM (IN) 250 (9,8)	300 (11,8)	350 (13,7)	400 (15,7)	450 (17,7)	500 (19,6)	600 (23,6)
 Kg	140 (308)	150 (330)	160 (352)	165 (363)	170 (374)	180 (396)	175 (385)
N.	3	3	4	4	4	4	5
 KG (LB)	2000 (4400)	2000 (4400)	2000 (4400)	2000 (4400)	2000 (4400)	2000 (4400)	2000 (4400)
L (GAL)	70 (18,4)	85 (22,4)	100 (26,4)	115 (30,3)	130 (34,4)	140 (36,9)	115 (30,3)
 L/MIN (GAL/MIN)	75 (19,8)	75 (19,8)	75 (19,8)	75 (19,8)	75 (19,8)	75 (19,8)	75 (19,8)
 BAR (PSI)	260 (3770)	260 (3770)	260 (3770)	260 (3770)	260 (3770)	260 (3770)	260 (3770)
 L/MIN (GAL/MIN)	50 (13,2)	50 (13,2)	50 (13,2)	50 (13,2)	50 (13,2)	50 (13,2)	50 (13,2)
 BAR (PSI)	320 (4640)	320 (4640)	320 (4640)	320 (4640)	320 (4640)	320 (4640)	320 (4640)

* weight of the tank excluding attachment

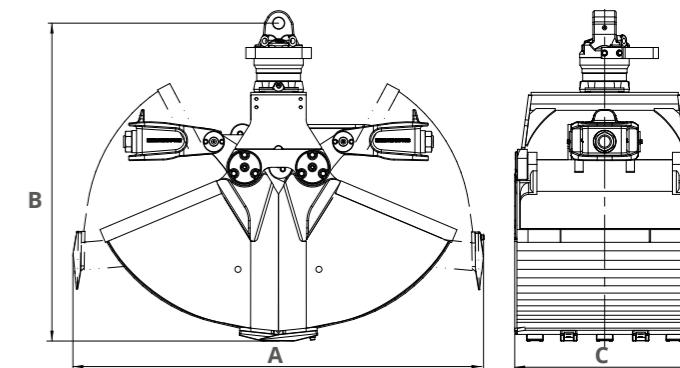
C08H MACHINE WEIGHT 4,0 - 9,0 t (8818 - 19842 lb)



	MOD.	C08H - 32	C08H - 40	C08H - 50	C08H - 60	C08H - 80
A	MM (IN)	1260 (49,6)	1260 (49,6)	1260 (49,6)	1260 (49,6)	1260 (49,6)
B	MM (IN)	1060 (41,7)	1060 (41,7)	1060 (41,7)	1060 (41,7)	1060 (41,7)
C	MM (IN)	325 (12,7)	400 (15,7)	500 (19,6)	600 (23,6)	800 (31,4)
	KG (LB)	240 (528)	260 (572)	280 (616)	295 (649)	330 (726)
	N.	3	3	5	5	9
	KG (LB)	3000 (6600)	3000 (6600)	3000 (6600)	3000 (6600)	3000 (6600)
	L (GAL)	115 (30,3)	145 (38,3)	185 (48,8)	220 (58,1)	300 (79,2)
	L/MIN (GAL/MIN)	90 (23,7)	90 (23,7)	90 (23,7)	90 (23,7)	90 (23,7)
	BAR (PSI)	320 (4641)	320 (4641)	320 (4641)	320 (4641)	320 (4641)
	L/MIN (GAL/MIN)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)
	BAR (PSI)	320 (4641)	320 (4641)	320 (4641)	320 (4641)	320 (4641)

* weight of the tank excluding attachment

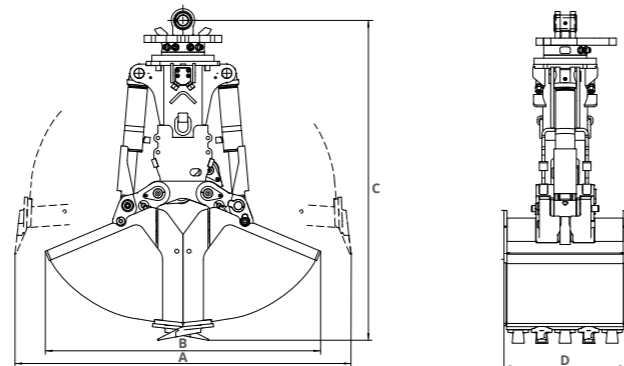
C10H MACHINE WEIGHT 6,0 - 10,0 t (13228 - 22046 lb)



	MOD.	C10H - 40	C10H - 50	C10H - 65	C10H - 80	C10H - 100	C10H - 120
A	MM (IN)	1425 (56,1)	1425 (56,1)	1425 (56,1)	1425 (56,1)	1425 (56,1)	1425 (56,1)
B	MM (IN)	1150 (45,2)	1150 (45,2)	1150 (45,2)	1150 (45,2)	1150 (45,2)	1150 (45,2)
C	MM (IN)	400 (15,7)	500 (19,6)	650 (25,5)	800 (31,4)	1000 (39,3)	1200 (47,2)
	KG (LB)	285 (627)	305 (671)	320 (704)	345 (759)	375 (825)	400 (880)
	N.	3	5	5	9	9	9
	KG (LB)	3000 (6600)	3000 (6600)	3000 (6600)	3000 (6600)	3000 (6600)	3000 (6600)
	L (GAL)	170 (44,9)	220 (58,1)	290 (58,1)	355 (93,7)	450 (118,8)	540 (142,6)
	L/MIN (GAL/MIN)	120 (31,7)	120 (31,7)	120 (31,7)	120 (31,7)	120 (31,7)	120 (31,7)
	BAR (PSI)	320 (4640)	320 (4640)	320 (4640)	320 (4640)	320 (4640)	320 (4640)
	L/MIN (GAL/MIN)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)
	BAR (PSI)	320 (4640)	320 (4640)	320 (4640)	320 (4640)	320 (4640)	320 (4640)

* weight of the tank excluding attachment

C12VE MACHINE WEIGHT 9,0 - 12,0 t (19842 - 26455lb)

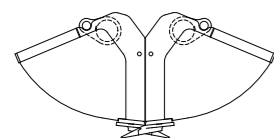


MOD.	C12VE -32	C12VE -40	C12VE -50	C12VE -60	C12VE -70	C12VE -80
A	MM (IN) 1645 (64,7)	1645 (64,7)	1645 (64,7)	1645 (64,7)	1645 (64,7)	1645 (64,7)
B	MM (IN) 1350 (53,1)	1350 (53,1)	1350 (53,1)	1350 (53,1)	1350 (53,1)	1350 (53,1)
C	MM (IN) 1570 (61,8)	1570 (61,8)	1570 (61,8)	1570 (61,8)	1570 (61,8)	1570 (61,8)
D	MM (IN) 325 (12,7)	400 (74,1)	500 (19,6)	600 (23,6)	700 (27,5)	800 (31,4)
	KG (LB) 475 (1045)	485 (1067)	500 (1100)	515 (1133)	525 (1155)	535 (1177)
N.	3	3	5	5	7	9
	KG (LB) 4500 (9900)	4500 (9900)	4500 (9900)	4500 (9900)	4500 (9900)	4500 (9900)
	L (GAL) 125 (33)	160 (42,2)	200 (52,8)	245 (64,7)	285 (75,2)	330 (87,1)
	L/MIN (GAL/MIN) 120 (31,7)	120 (31,7)	120 (31,7)	120 (31,7)	120 (31,7)	120 (31,7)
	BAR (PSI) 320 (4641)	320 (4641)	320 (4641)	320 (4641)	320 (4641)	320 (4641)
	L/MIN (GAL/MIN) 50 (13)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)
	BAR (PSI) 320 (4641)	320 (4641)	320 (4641)	320 (4641)	320 (4641)	320 (4641)



INTERCHANGEABLE CLAWS FOR C12VE

CLAMHELL BUCKET



MOD.	WIDTH (MM IN)	APERTURE (MM IN)	COMPLETE HEIGHT (MM IN)	VOLUME (L GAL)	TEETH (N.)	WEIGHT OF SHELLS (KG LB)	LOADING CAPACITY (KG LB)	CLOSING FORCE (KN LBF)
C12VE-32S	325 (12,7)	1535 (60,4)	1570 (61,8)	125 (33)	3	130 (286)	4500 (9900)	39 (8580)
C12VE-40S	400 (15,7)	1535 (60,4)	1570 (61,8)	160 (42,2)	3	140 (308)	4500 (9900)	39 (8580)
C12VE-50S	500 (19,6)	1535 (60,4)	1570 (61,8)	200 (52,8)	5	165 (363)	4500 (9900)	39 (8580)
C12VE-60S	600 (23,6)	1535 (60,4)	1570 (61,8)	245 (64,7)	5	180 (396)	4500 (9900)	39 (8580)
C12VE-70S	700 (27,5)	1535 (60,4)	1570 (61,8)	285 (64,7)	7	205 (451)	4500 (9900)	39 (8580)
C12VE-80S	800 (31,4)	1535 (60,4)	1570 (61,8)	330 (72,5)	9	225 (495)	4500 (9900)	39 (8580)

* weight of the tank excluding attachment

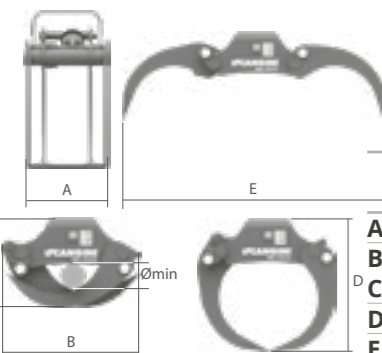


* weight of the tank excluding attachment



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE LOG GRAPPLE CAN BE EQUIPPED WITH 360° HYDRAULIC ROTATION, PARTS SUBJECT TO GREATER WEAR ARE MADE OF DOMEX 700. STANDARD EQUIPMENT INCLUDES A BLOCK VALVE ON THE CLOSING CYLINDER.



TONS (LB)	1,2 - 1,8 (2646-3968)		1,8 - 3,5 (3968-7716)		3,5 - 4,0 (7716-8818)		4,0 - 5,0 (8818-11023)		5,0 - 7,0 (11023-15432)		7,0 - 8,0 (15432-17637)		8,0 - 10,0 (17637-22046)		10,0 - 12,0 (22046 - 26455)		120-150 (26455-33069)		150-180 (33069-39683)	
	MOD.	WG 1000	WG 1100	WG 1300	WG 1300HD	WG 1500	WG 1750	WG 1650	WG 1800	WG 2000	WG 1800HD	WG 2000HD								
A	MM (IN)	330 (13)	395 (16)	425 (17)	425 (17)	490 (19)	500 (20)	514 (20)	582 (23)	582 (23)	630 (25)	630 (25)								
B	MM (IN)	610 (24)	655 (26)	735 (29)	735 (29)	815 (32)	960 (38)	1030 (41)	1180 (46)	1225 (48)	1180 (46)	1225 (48)								
C	MM (IN)	410 (16)	440 (17)	495 (19)	495 (19)	580 (23)	630 (25)	600 (24)	680 (27)	730 (29)	680 (27)	730 (29)								
D	MM (IN)	650 (26)	695 (27)	790 (31)	790 (31)	850 (33)	985 (39)	935 (37)	1005 (40)	1100 (43)	1005 (40)	1100 (43)								
E	MM (IN)	1090 (43)	1180 (46)	1400 (55)	1400 (55)	1610 (63)	1740 (69)	1650 (65)	1820 (72)	2010 (79)	1820 (72)	2010 (79)								
	W/O COUPLER	KG (LB)	48 (106)	85 (187)	118 (260)	131 (289)	196 (432)	265 (584)	280 (617)	400 (882)	450 (992)	440 (970)	505 (1113)							
	MIN.	MM (IN)	70 (2,8)	80 (3,1)	75 (3)	75 (3)	95 (3,7)	120 (4,7)	100 (3,9)	120 (4,7)	150 (5,9)	120 (4,7)	150 (5,9)							
	MAX.	L/MIN (GALL/MIN)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)							
	MAX.	KG (LB)	500 (1102)	1900 (4189)	2100 (4630)	2100 (4630)	3100 (6834)	3500 (7716)	4000 (8818)	6000 (13228)	6000 (13228)	7000 (15432)	7000 (15432)							
	MAX.	BAR (PSI)	100 (1450)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	230 (3336)	250 (3626)	250 (3626)	250 (3626)	250 (3626)							



OPTIONAL

1 DOUBLE PIN HITCH (A) OR ADAPTER (B)

2 SINGLE PIN HITCH

3 TWO PIPE KIT

IT ENABLES THEIR ROTATION AND THE JAWS' OPENING AND CLOSING FUNCTIONS EVEN ON MACHINES EQUIPPED WITH A SINGLE HYDRAULIC DOUBLE-EFFECT LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.

4 BASIC ROTOR

360° SHAFT ROTOR TO DRIVE THE GRABS.

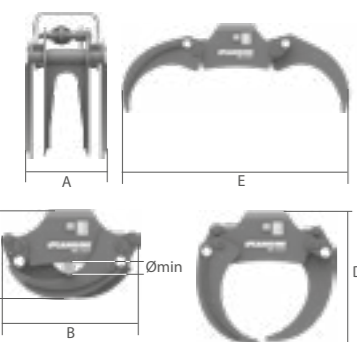
5 FLANGED ROTOR

360° HYDRAULIC FLANGED ROTOR IDEAL FOR HEAVY DUTY JOBS.



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

ROTATION OF 360°, THIS FUNCTION IS LINKED TO THE CHOICE OF THE HYDRAULIC ENGINE - ASSISTS THE OPERATOR IN THE LOGS' GRIP PHASE, SPEEDING UP THIS OPERATION AND MAKING HIS WORK EFFECTIVE. PARTS SUBJECT TO WEAR ARE MADE OF DOMEX 700. IT'S PARTICULARLY SUITED FOR THE HANDLING OF CUT WOOD AND PRUNINGS. IT'S STANDARD EQUIPPED WITH A BLOCK VALVE ON THE CLAMP-CLOSING CYLINDER.



TONS (LB)	1,8 - 3,5 (3968-7716)	3,5 - 4,0 (7716-8818)	4,0 - 5,0 (8818-11023)	5,0 - 7,0 (11023-15432)	7,0 - 8,0 (15432-17637)	8,0 - 10,0 (17637-22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 16,0 (26455-35274)
MOD.	WG 1100SPWG	1300SPWG	1300SPWG	1500SPWG	1650SPWG	1800SPWG	1800SPWG	2000SP
A	MM (IN)	425 (16,7)	450 (18)	450 (18)	530 (21)	530 (21)	640 (25)	640 (25)
B	MM (IN)	610 (24)	735 (29)	735 (29)	815 (32)	1030 (41)	1180 (46)	1225 (48)
C	MM (IN)	440 (17)	495 (19)	495 (19)	580 (23)	590 (23)	680 (27)	730 (29)
D	MM (IN)	685 (27)	770 (30)	770 (30)	830 (33)	980 (38)	985 (39)	1060 (42)
E	MM (IN)	1210 (48)	1430 (56)	1430 (56)	1650 (65)	1650 (65)	1845 (73)	2020 (80)
	W/O COUPLER	KG (LB)	100 (221)	140 (309)	140 (309)	225 (496)	300 (661)	440 (970)
	MIN.	MM (IN)	80 (3,1)	75 (3)	75 (3)	95 (3,7)	100 (3,9)	120 (4,7)
	MAX.	L/MIN (GALL/MIN)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)	50 (13)
	MAX.	KG (LB)	1900 (4189)	2100 (4630)	2100 (4630)	3100 (6834)	4000 (13228)	6000 (13228)
	MAX.	BAR (PSI)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	230 (3336)	250 (3626)



OPTIONAL

1 DOUBLE PIN HITCH (A) OR ADAPTER (B)

2 SINGLE PIN HITCH

3 TWO PIPE KIT

IT ENABLES THEIR ROTATION AND THE JAWS' OPENING AND CLOSING FUNCTIONS EVEN ON MACHINES EQUIPPED WITH A SINGLE HYDRAULIC DOUBLE-EFFECT LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.

4 BASIC ROTOR

SHAFT ROTOR TO DRIVE THE GRABS.

5 FLANGED ROTOR

FLANGED ROTOR IDEAL FOR HEAVY DUTY JOBS.

V SCREENING BUCKET WG FOR EXCAVATOR

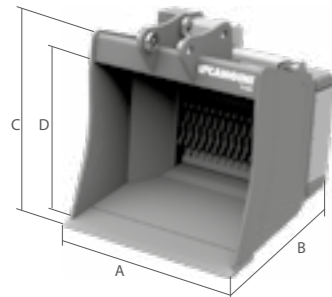


- PATENTED
- HB400



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

IDEAL BOTH FOR THE GRADING OF BULK MATERIALS FROM DEMOLITION OR DIGGING WORKS AND THE MIXING OF TERRAIN AND PEAT. THE SCREENING OPERATION IS CARRIED OUT BY AN HYDRAULIC SIEVE WITH ROTATING HB400 KNIVES. THE MATERIAL THICKNESS CAN VARY FROM 0 TO 20 MM (0 - 0,8 IN) AND TO 35 MM (0 - 1,4 IN) WITH A STANDARD EQUIPMENT. CUSTOMERIZED SHAFTS CAN ALSO BE SUPPLIED.



	TONS (LB)	3,0 - 5,0 (6614 - 11023)	5,0 - 7,5 (11023 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 14,0 (22046 - 30865)
MOD.		V400	V600	V1000	V1200
A	MM (IN)	900 (35)	900 (35)	1000 (39)	1200 (47)
B	MM (IN)	800 (31)	940 (37)	1050 (41)	1100 (43)
C	MM (IN)	660 (26)	795 (31)	930 (37)	1070 (42)
D	MM (IN)	570 (23)	710 (28)	850 (34)	990 (39)
W/O COUPLER	KG (LB)	240 (529)	310 (683)	520 (1146)	750 (1653)
	KG (LB)	430 (948)	600 (1323)	1000 (2205)	1410 (3108)
	MM (IN)	0/20-0/35 (0/0,8-0/1,4)	0/20-0/35 (0/0,8-0/1,4)	0/20-0/35 (0/0,8-0/1,4)	0/20-0/35 (0/0,8-0/1,4)
MIN. - MAX.	L/MIN (GAL/MIN)	40/70 (11/19)	40/70 (11/19)	60/90 (16/24)	80/130 (21/34)
	N.	2	3	3	3
	L (GAL)	125 (33)	195 (51,5)	320 (84,5)	440 (116,2)

		V400	V600	V1000	V1200
	N.	4	4	5	6
4	DC TEETH	DC 3 (KG 2,1)	DC 3 (KG 2,1)	DC 6 (KG 4,0)	DC 6 (KG 4,0)
4	DTE TEETH	DTE 13 (KG 1,7)	DTE 17 (KG 3,0)	DTE 17 (KG 3,0)	DTE 17 (KG 3,0)



STANDARD

- SAFETY VALVE**
IT PROTECTS THE ENGINE AGAINST THE PRESSURE PEAKS OCCURRING DURING THE WORKING CYCLES.
- SHAFT SYSTEM**
ALL KNIVES ARE MADE OF HB400. DIFFERENT SHAFT CONFIGURATIONS REALIZED UPON REQUEST.
- PATENTED SHAFT REPLACEMENT SYSTEM**
THANKS TO THE PATENTED SYSTEM, IT IS POSSIBLE TO REPLACE SHAFTS RAPIDLY AND MODIFY THE SIEVED MATERIAL SIZE, WITHOUT INTERVENING ON TRANSMISSION.

OPTIONAL

- DC TEETH DTE TEETH**
- FLOW-REVERSAL VALVE KIT**
THIS VALVE ENABLES TO MAKE THE HYDRAULIC FLOW BI-DIRECTIONAL AND USE THE SCREENING BUCKET EVEN WITH MACHINES HAVING A MONO-DIRECTIONAL SYSTEM.
- FLOWRATE REDUCERS**
FLOWRATE REDUCERS. ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN.

VMS MULTISCREENING BUCKET FOR EXCAVATOR



- PATENTED
- HB400

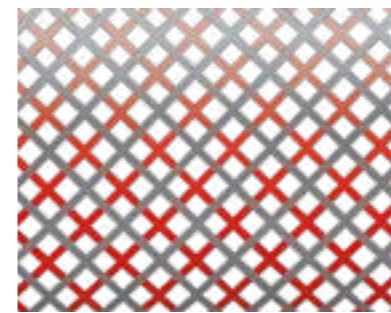


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

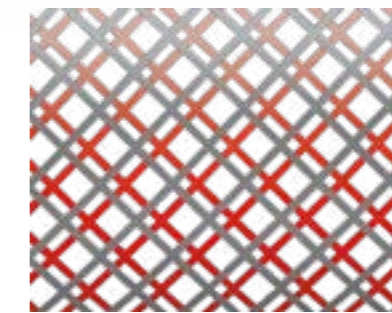
THE NEW MULTISCREENING BUCKET WITH THE NEW ROTARY DOUBLE DRUM CONCEPT FOR MACHINES UP TO 35 TONS (7716 LB) IS SUITABLE FOR SELECTION DUTIES ON TURNED SOILS AND RESULTING MATERIALS. THE MATERIAL SIZE CHANGE, FROM 25 TO 65 MM, IS CONTROLLED DIRECTLY AND HYDRAULICALLY FROM THE CAB WITHOUT REPLACING ANY MECHANICAL PART THUS REDUCING THE WORK TIMES CONSIDERABLY.

		TONS (LB)	5,0 - 7,5 (11023-16535)	7,5 - 10,0 (16535-22046)	10,0 - 14,0 (22046-30865)	14 - 25,0 (30865-5511)	25,0 - 35,0 (5511-7716)
		MOD.	VMS7	VMS10	VMS14	VMS20	VMS30
	A	MM (IN)	800 (31)	900 (35)	1000 (39)	1250 (49)	1800 (71)
	B	MM (IN)	1200 (47)	1400 (55)	1550 (61)	1800 (71)	2300 (90)
	C	MM (IN)	930 (37)	1000 (39)	1120 (44)	1500 (59)	1950 (77)
	D	MM (IN)	650 (26)	760 (30)	870 (34)	1124 (44)	1550 (61)
	W/O COUPLER	KG (LB)	372 (820)	434 (957)	640 (1411)	1092 (2407)	2300 (5071)
	OPERATING	KG (LB)	570 (1257)	770 (1698)	1100 (2425)	2235 (4927)	4990 (1101)
	MIN.	MM (IN)	25 (1)	25 (1)	25 (1)	25 (1)	25 (1)
	MAX.	MM (IN)	60 (2,4)	60 (2,4)	60 (2,4)	65 (2,6)	65 (2,6)
	MIN.	L/MIN (GAL/MIN)	10 (2,6)	10 (2,6)	25 (7)	30 (7,9)	30 (7,9)
	MAX.	L/MIN (GAL/MIN)	80 (21)	80 (21)	150 (39)	150 (39)	150 (39)
	MAX.	BAR (PSI)	350 (5076)	350 (5076)	350 (5076)	350 (5076)	350 (5076)
		L (GAL)	180 (47,5)	290 (76,6)	420 (110,9)	980 (259)	2390 (631,4)

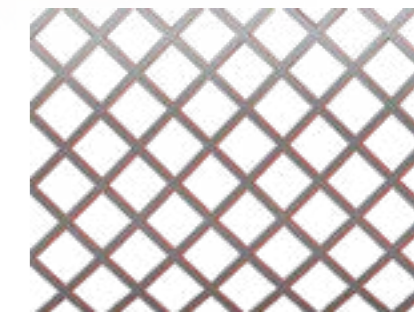
		VMS7	VMS10	VMS14	VMS20	VMS30
	N.	4	4	5	5	6
4	DC TEETH	DC 3 (KG 2,1)	DC 6 (KG 4,0)	DC 6 (KG 4,0)	DC 11 (KG 7,7)	DC 13 (KG 13,0)
4	DTE TEETH	DTE 17 (KG 3,0)	DTE 17 (KG 3,0)	DTE 17 (KG 3,0)	DTE 19 (KG 6,0)	DTE 23 (KG 7,5)



25 MM



INTERMEDIATE



65 MM

STANDARD

1 HB400 DRUMS

THE DRUMS CAN AFFORD HIGH WORK RATES THANKS TO THEIR HIGHLY RESISTANT MATERIAL THAT EXTENDS THEIR USEFUL LIFE.

2 AUTOMATIC SCREENING SYSTEM

THE NEW ROTARY DOUBLE DRUM CONCEPT WITH HYDRAULIC CONTROL FROM THE CAB ALLOWS TO SELECT THE MATERIAL SIZE, FROM 25 TO 60 MM (1 - 2,4 IN) AND UP TO 65 MM (2,5 IN) FOR THE VMS20-VMS30, WITHOUT STOPPING THE WORK CYCLE.

3 OPERATING LOAD

OPTIONAL

4 DC TEETH DTE TEETH

5 6-WAY SOLENOID VALVE KIT

IT ALLOWS BOTH THE ROTATING AND THE HYDRAULIC SLIDING MOVEMENTS OF THE SIEVES ON MACHINES WITH SINGLE AND DOUBLE-EFFECT LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.



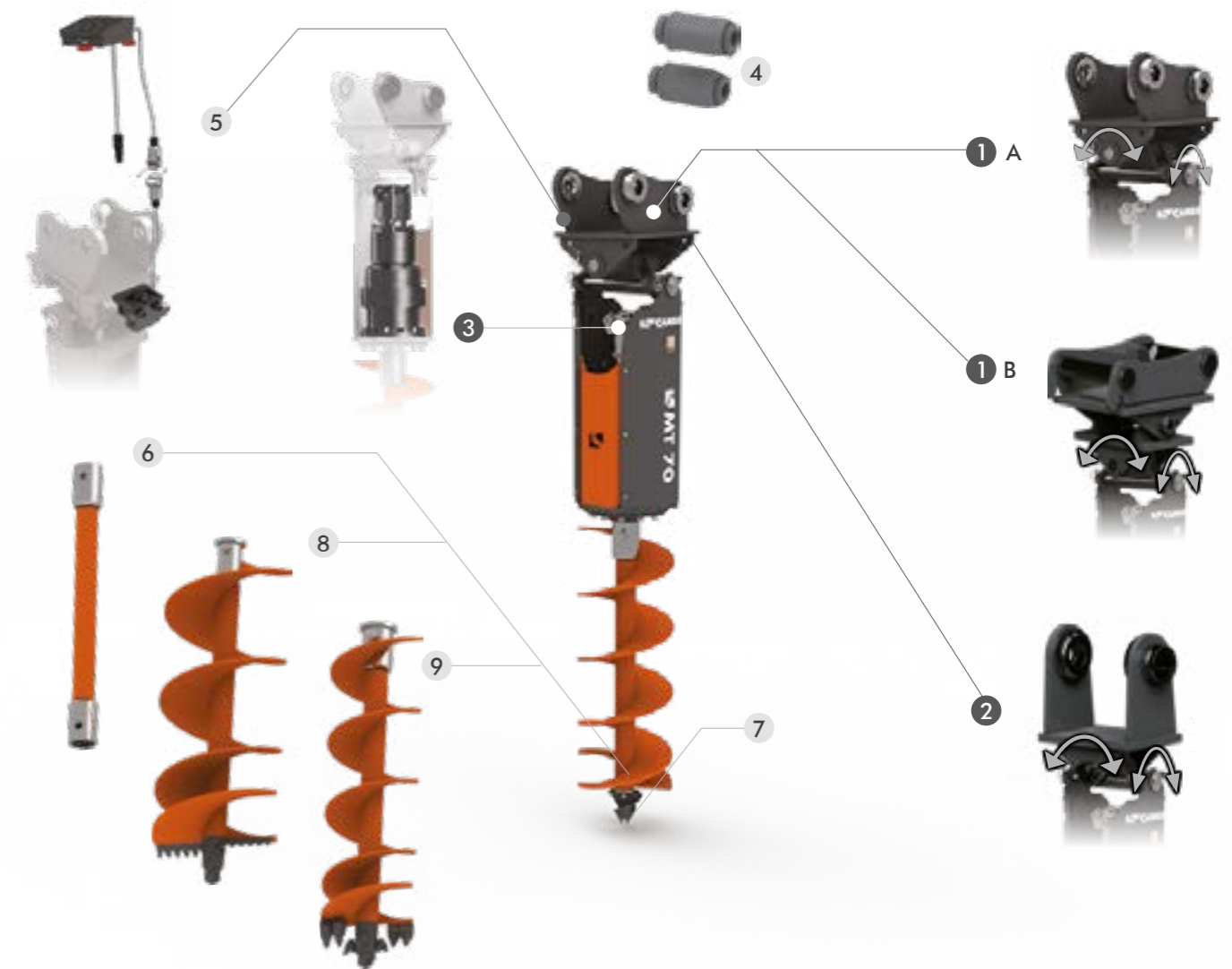
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE BIDIRECTIONAL HYDRAULIC AUGER IS EQUIPPED WITH A TRANSMISSION WITH EPICYCLICAL GEARBOX AND DOUBLE TILTING JOINT. A STEEL ENVELOPE PROTECTS THE GEARBOX AGAINST SHOCKS.

	TONS	1,2 - 1,8 (2646-3968)		1,8 - 4,0 (3968-8818)		4,0 - 7,5 (8818-16535)		7,5 - 14,0 (16535-30865)	
	MOD.	MT15		MT20		MT45		MT70	
A	MM (IN)	270 (11)	300 (12)	300 (12)	370 (15)				
B	MM (IN)	500 (20)	620 (24)	730 (29)	950 (37)				
	HEX KEY	MM (IN)	50 (1,9)	50 (1,9)	70 (2,7)				
	W/O COUPLER	KG (LB)	75 (165)	130 (287)	160 (353)	250 (551)			
	MIN-MAX	L/MIN (GAL/MIN)	25/35 (7/9)	30/60 (8/16)	50/75 (13/20)	60/90 (16/24)			
	MAX	BAR (PSI)	175 (2901)	200 (2900)	200 (2900)	250 (3626)			
	MAX TORQUE	N/M (FT/IBS)	1600 (1328)	2200 (1623)	6000 (5900)	10.000 (7376)			

HEX MM (IN)	50 (1,9) (MT15 - MT20 - MT45)								70 (2,7) (MT70)							
Ø MM (IN)	150 (5,9)	200 (7,9)	250 (10)	300 (12)	350 (14)	400 (16)	500 (20)*	600 (24)*	150 (5,9)	200 (7,9)	250 (10)	300 (12)	350 (14)	400 (16)	500 (20)	600 (24)
WIDTH MM (IN)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)	1000 (39,3)
STANDARD BIT																
MEDIUM BIT																
ROCK BIT																

* applicable on MT15 model after validation by Cangini and local government



STANDARD TECHNICAL FEATURES

- 1 DOUBLE PIN HITCH (A) OR ADAPTER (B)**
- 2 SINGLE PIN HITCH**
- 3 EPICYCLICAL GEARBOX**
HIGH PERFORMANCES ALSO ON MACHINES WITH LOW HYDRAULIC FLOWRATES.

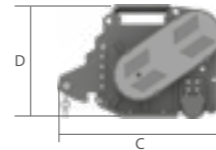
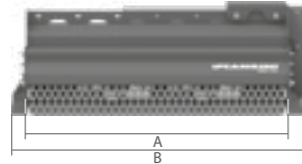
OPTIONAL

- 4 FLOWRATE REDUCERS**
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN.
- 5 FLOW-REVERSAL VALVE KIT**
IT MAKES THE HYDRAULIC FLOW BI-DIRECTIONAL FOR THE AUGER'S USAGE ON MACHINES WITH A MONO-DIRECTIONAL SYSTEM.
- 6 EXTENSION**
IT ALLOWS TO INCREASE THE DRILLING DEPTH. EXTENSION SIZE OF 1000 MM (39 IN) DIFFERENT SIZES ARE PRODUCED ON REQUEST.
- 7 STANDARD BIT**
USED TO DRILL LOW OR MEDIUM- CONSISTENCY SOILS.
- 8 MEDIUM BIT**
USED TO DRILL MEDIUM OR HIGH-CONSISTENCY SOILS.
- 9 ROCK BIT**
THE IDEAL BIT TO DRILL SOILS WITH ROCKS OR CRUSHED STONES



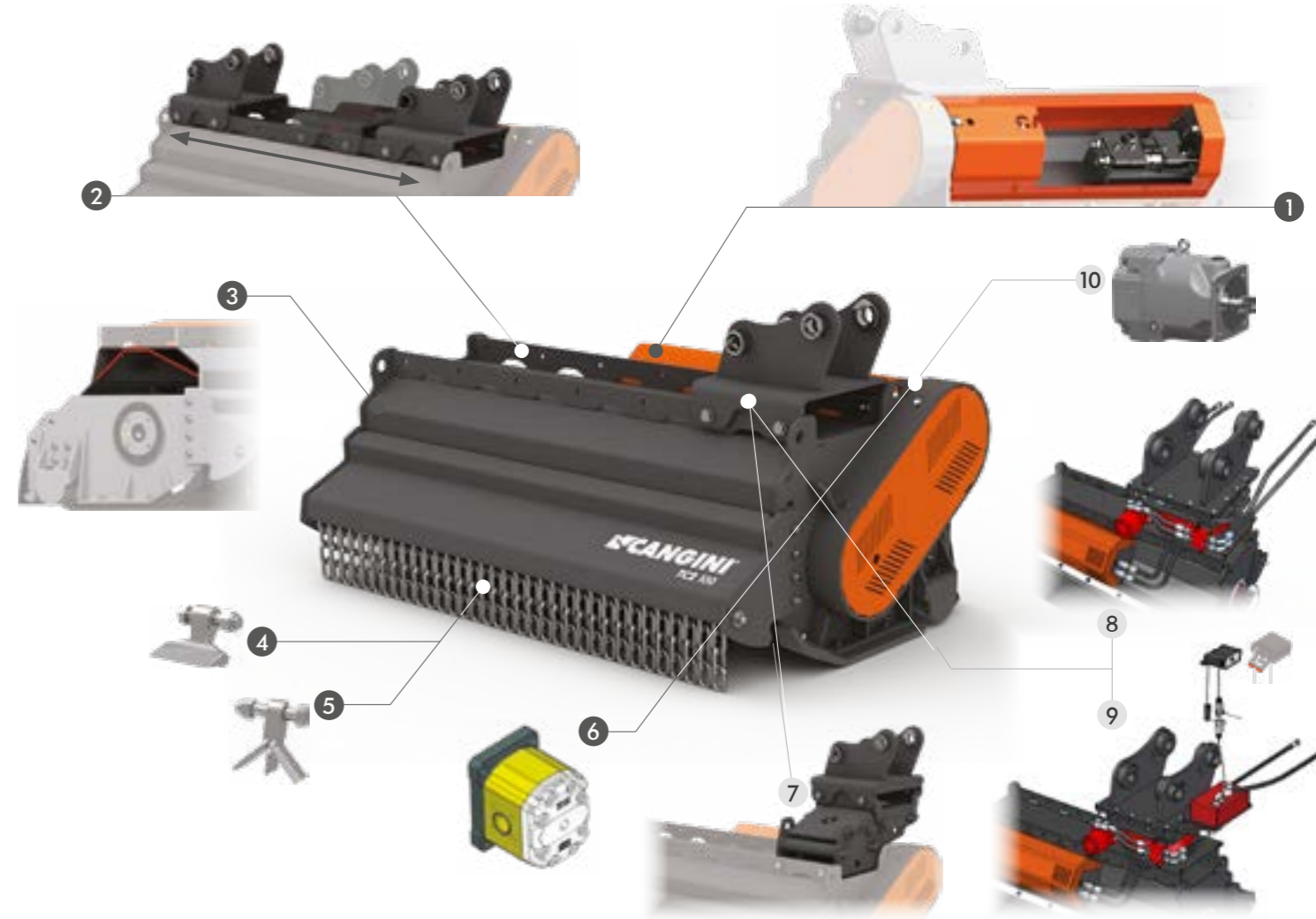
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

DESIGNED FOR HEAVY-DUTY OPERATIONS, IT IS EQUIPPED WITH A REINFORCED DOUBLE-FRAME; AN ANTI-SHOCK SHIELDING PROTECTS THE BEARINGS. STANDARD Y BLADES WITH INTERMEDIATE KNIFE OR HAMMERS. FLOW-DIVIDER, PRESSURE RELIEF AND BYPASS VALVES (FOR TC0-50 AND TC0-70 ONLY PRESSURE RELIEF VALVE) . MAX BACK-PRESSURE ALLOWED IS 10 BAR, THEREFORE TC MULCHERS DO NOT REQUIRE ANY DRAINAGE LINE IN MOST OF THE CASES.



TONS (LB)	1,0 - 1,5 (2204 - 3307)	1,5 - 3,5 (3307 - 7716)	3,5 - 6,5 (7716 - 14330)	6,5 - 10,0 (14330 - 22046)	10,0 - 15,0 (22046 - 33069)								
MOD.	TC0-50	TC0-70	TC1-60	TC1-80	TC1-100	TC2-80	TC2-100	TC2-120	TC3-110	TC3-130	TC4-110	TC4-130	TC4-150
A	MM (IN) 500 (20)	700 (28)	600 (24)	800 (31)	1000 (39)	800 (31)	1000 (39)	1200 (47)	1100 (43)	1300 (51)	1100 (43)	1300 (51)	1500 (59)
B	MM (IN) 715 (28)	915 (36)	800 (31)	1000 (39)	1200 (47)	980 (39)	1180 (46)	1380 (54)	1280 (50)	1480 (58)	1300 (51)	1600 (63)	1800 (71)
C	MM (IN) 516 (20)	516 (20)	640 (25)	640 (25)	640 (25)	810 (32)	810 (32)	810 (32)	830 (33)	830 (33)	855 (34)	855 (34)	855 (34)
D	MM (IN) 417 (17)	417 (17)	461 (18)	461 (18)	461 (18)	530 (21)	530 (21)	530 (21)	575 (23)	575 (23)	620 (24)	620 (24)	620 (24)
W/O COUPLER	KG (LB) 70 (154)	83 (183)	100 (220)	115 (254)	125 (276)	245 (540)	270 (595)	300 (661)	375 (827)	412 (908)	455 (1003)	505 (1113)	540 (1190)
	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT	2	2	2	2	2	3	3	3
	MM (IN) 55 (2,2)	55 (2,2)	80 (3,1)	80 (3,1)	80 (3,1)	114 (4,5)	114 (4,5)	114 (4,5)	133 (5,2)	133 (5,2)	133 (5,2)	133 (5,2)	133 (5,2)
MIN. LAMIN (GALMIN)	14 (3,6)	14 (3,6)	18 (5)	18 (5)	18 (5)	28 (7)	28 (7)	28 (7)	55 (15)	55 (15)	65 (17)	65 (17)	65 (17)
MAX. LAMIN (GALMIN)	*	*	90 (24)	90 (24)	90 (24)	90 (24)	90 (24)	90 (24)	150 (40)	150 (40)	150 (40)	150 (40)	150 (40)
MAX. BAR (PSI)	250 (3626)	250 (3626)	250 (3626)	250 (3626)	250 (3626)	250 (3626)	250 (3626)	250 (3626)	280 (4061)	280 (4061)	280 (4061)	280 (4061)	280 (4061)
MAX. WITH HAMMERS	MM (IN) 15-20 (0,6-0,8)	15-20 (0,6-0,8)	20-30 (0,8-1,2)	20-30 (0,8-1,2)	20-30 (0,8-1,2)	40-60 (1,6-2,4)	40-60 (1,6-2,4)	40-60 (1,6-2,4)	60-80 (2,4-3,1)	60-80 (2,4-3,1)	80-100 (3,1-3,9)	80-100 (3,1-3,9)	80-100 (3,1-3,9)

* Following the engine capacity



STANDARD TECHNICAL FEATURES

- 1 INTEGRATED VALVE UNIT**
THROTTLE, PRESSURE RELIEF AND BYPASS VALVES.
- 2 COUPLING ADJUSTMENT SLIDE**
THE COUPLING POSITION CAN BE DIFFERENTLY ADJUSTED.
- 3 REINFORCED BODY**
DOUBLE REINFORCED BODY FOR A HIGHER RESISTANCE TO SHOCKS.
- 4 SHAFT WITH HAMMERS**
SUITABLE FOR THE CUTTING OF SHRUBS OR SIMILAR PLANTS.
- 5 SHAFT WITH BLADES**
SUITABLE FOR THE CUTTING OF GRASS OR SIMILAR VEGETATION.

6 GEAR MOTOR
MOTOR WITH REINFORCED SEAL. IN CASE OF BACKPRESSURE HIGHER THAN 10 BAR, DRAINAGE LINE LINKED TO THE TANK IS MANDATORY.

OPTIONAL

- 7 FLOATING SYSTEM**
IT ENABLES THE MULCHER TO FOLLOW THE SOIL.
- 8 4 PIPES HYDRAULIC SLEWING RING**
IT STEERS THE MULCHER TO ADAPT TO ANY CUTTING NEED AND ALLOWS IT TO CUT IN BOTH DIRECTIONS, FORWARDS AND BACKWARDS.
- 9 2 PIPES HYDRAULIC SLEWING RING**
IT STEERS THE MULCHER TO ADAPT TO ANY CUTTING NEED AND ALLOWS IT TO CUT IN BOTH DIRECTIONS, FORWARDS AND BACKWARDS. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.

10 PISTON ENGINE
FIT FOR PARTICULARLY HARD AND CONTINUOUS WORKS. IT NEEDS THE DIRECT DRAINING PIPE TO THE TANK.

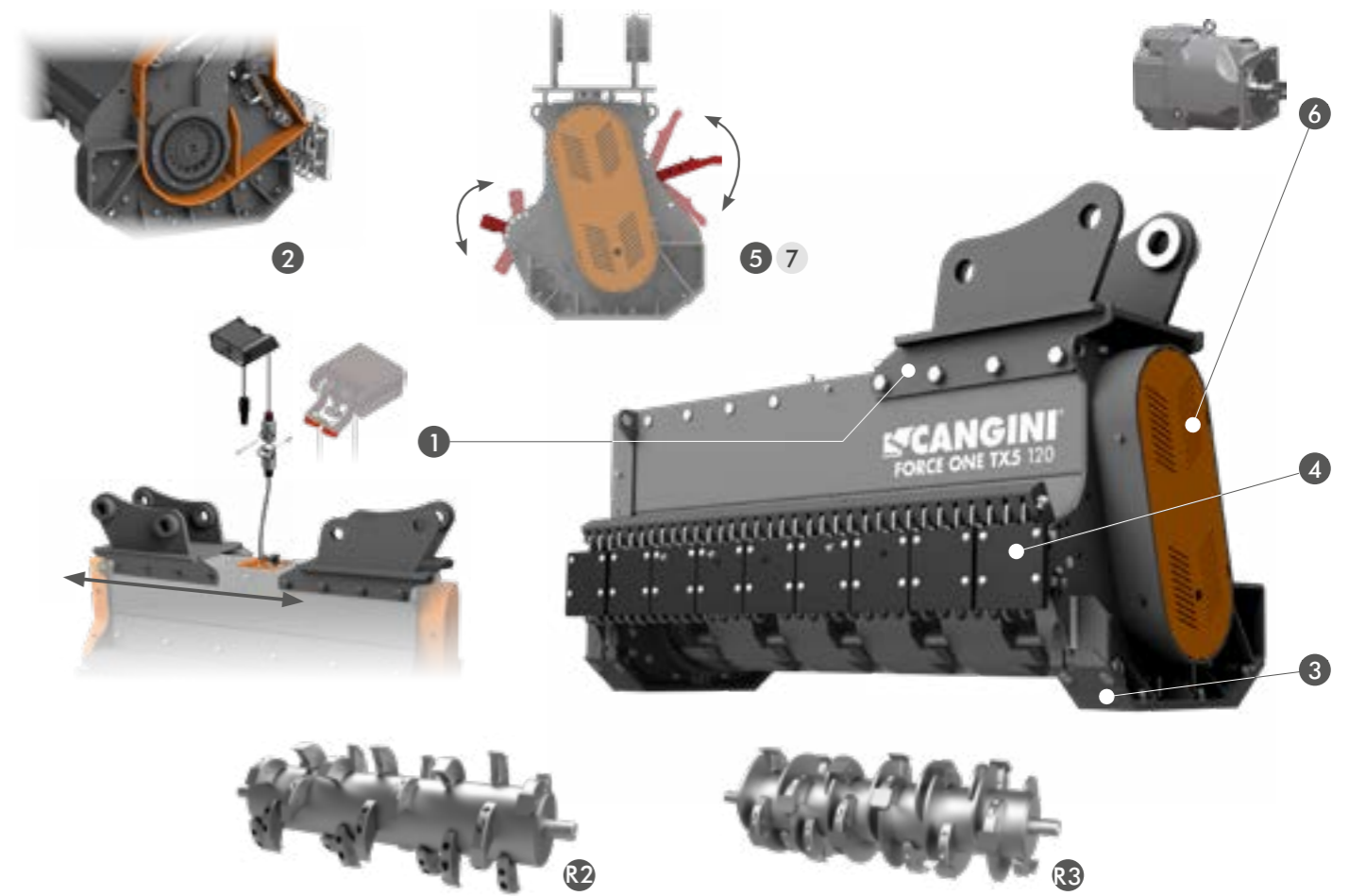
11 ADAPTERS NOT INCLUDED
THE MACHINE CONNECTION PLATE IS INCLUDED FOR ALL THE ADAPTERS IN CANGINI CATALOGUE EXCEPT FOR MOD. ADAPTERS CS 100 JANUS PRO, CW 20S, CW30S.



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE FORESTRY MULCHER HAS BEEN DESIGNED TO MANAGE THE HEAVIEST WORKLOADS: THE DEEP CLEARING OF WOODS AND FORESTS. IT IS EQUIPPED WITH A PISTON ENGINE TO RUN AT THE MOST INTENSE WORK PACE. THE EXCAVATOR-TYPE MULCHER CAN REACH THE NARROWEST AREAS.

		TONS (LB)	10,0 - 15,0 (22046,2-33069,3)		14,0 - 20,0 (30864,7-44092,5)			
		MOD.	TX5-100	TX5-120	TX6-110	TX6-130	TX6-150	
	A	MM (IN)	1015 (39,96)	1280 (50,39)	1150 (45,2)	1350 (53,14)	1550 (61,02)	
	B	MM (IN)	720 (28,34)	720 (28,34)	760 (29,9)	760 (29,9)	760 (29,9)	
	C	MM (IN)	740 (29,13)	740 (29,13)	910 (35,8)	910 (35,8)	910 (35,8)	
	D	MM (IN)	740 (29,13)	740 (29,13)	910 (35,8)	910 (35,8)	910 (35,8)	
	R2	W/O COUPLER	KG (LB)	535 (1179,47)	600 (1322,77)	980 (2160,53)	1060 (2336,9)	1130 (2491,2)
	R3	W/O COUPLER	KG (LB)	550 (1212,54)	610 (1344,82)	1010 (2226,6)	1100 (2425)	1180 (2601,4)
	R2		MM (IN)	220 (8,66)	220 (8,66)	280 (11)	280 (11,02)	280 (11,02)
	R3		MM (IN)	220 (8,66)	220 (8,66)	280 (11)	280 (11,02)	280 (11,02)
			N.	3	3	4	4	4
			CC	23-46	23-46	32-64	32-64	32-64
			MM (IN)	405 (16)	405 (16)	460 (18)	460 (18)	460 (18)
	MIN	L/MIN (GAL/MIN)		90 (24)	90 (24)	110 (16)	110 (29)	110 (29)
	MAX	L/MIN (GAL/MIN)		300 (79)	300 (79)	300 (79)	300 (79)	300 (79)
	MAX	BAR (PSI)		400 (5801)	400 (5801)	400 (5801)	400 (5801)	400 (5801)



STANDARD TECHNICAL FEATURES

- 1 MECHANICAL COUPLING ADJUSTMENT**
POSITIONING ON BOTH THE HEAD'S ENDS, TO ADJUST THE POSITION OF THE MULCHER ACCORDING TO THE DIRECTION OF WORK AND THE ROADWAY. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 2 AUTOMATIC COOLING SYSTEM**
THE FORCED AIRFLOW HELPS TO KEEP THE OIL TEMPERATURE CONSTANT.
- 3 HB400 REINFORCED SKIDS**
- 4 PROTECTION FLAPS**
MADE OF RUBBER, THEY REDUCE THE ACCIDENTAL OBJECTS' PROJECTION OUT OF THE CUTTING AREA.
- 5 MECHANICAL FLAPS OPENING**
IT ENHANCES THE ROTOR POWER TO DEEPLY CRUSH TRUNKS UP TO 220 MM.
- 6 PISTON ENGINE (VARIABLE CC ENGINE CAPACITY)**
IT NEEDS THE DIRECT DRAINING PIPE TO THE TANK.
- R2 R2 ROTOR**
DESIGNED FOR HEAVY-DUTY WORKS, IT SPECIALLY FITS THE PLANT MULCHING.
- R3 R3 ROTOR**
R3 ROTOR IS HIGHLY VERSATILE AND SUITABLE FOR MULTIPLE USES FROM CUTTING BRUSHWOOD TO TREE GRINDING. IT ALLOWS CUTTING FROM A DIAMETER OF 22CM UP TO A MAXIMUM OF 28CM DEPENDING ON THE MODEL USED.

OPTIONAL

- 7 HYDRAULIC FLAPS OPENING**
IT ALLOWS THE OPENING OF THE SINGLE FLAP DIRECTLY FROM THE CAB (THANKS TO A CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB) TO ENHANCE THE ROTOR POWER TO DEEPLY CRUSH TRUNKS UP TO 220 MM.
- 8 ADAPTERS NOT INCLUDED**
THE MACHINE CONNECTION PLATE IS INCLUDED FOR ALL THE ADAPTERS IN CANGINI CATALOGUE EXCEPT FOR MOD. ADAPTERS CS 100 JANUS PRO, CW 20S, CW30S.



BTC SHARP-CUT BRANCH CUTTER BAR FOR EXCAVATOR

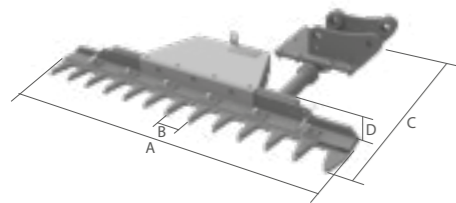


HB450

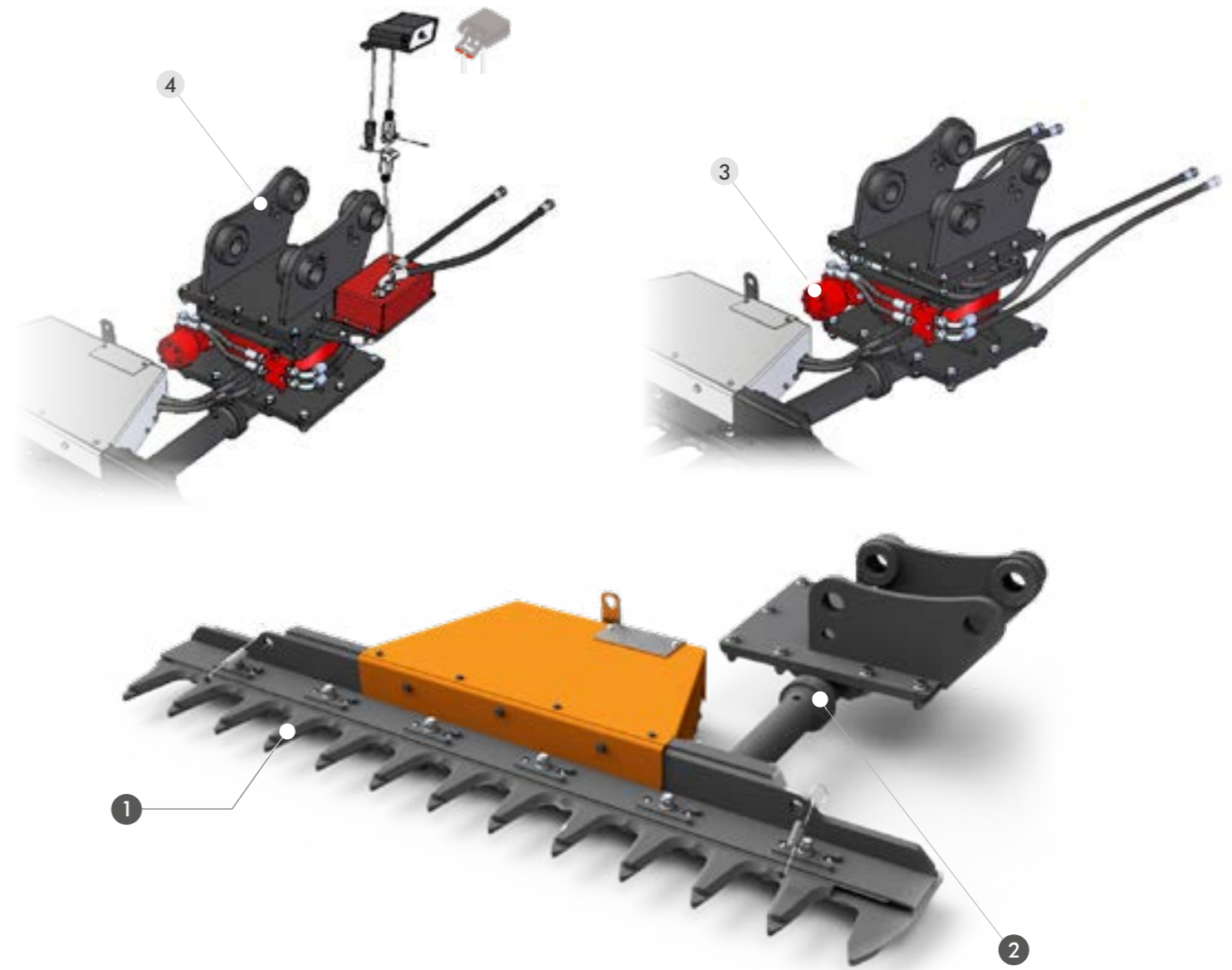


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SUITABLE FOR THE TREE PRUNING UP TO 100 MM (3,9 IN). IT DOES NOT HARM THE PLANT, BECAUSE IT CUTS SHARPLY AND PRECISELY WITHOUT UPROOTING THE BRANCH. THE BAR'S BLADES IN HB450 GRANT RESISTANCE AND EXTENDED USEFUL LIFE.



	TONS (LB)	2,5 - 12,0 (5512 - 26455)		4,0 - 14,0 (8818 - 30865)			
	MOD.	BTC 50-150	BTC 50-180	BTC 100-160	BTC 100-190	BTC 100-220	
A	MM (IN)	1500 (59)	1800 (71)	1600 (63)	1900 (75)	2200 (86,6)	
B	MM (IN)	50 (2)	50 (2)	100 (3,9)	100 (3,9)	100 (3,9)	
C	MM (IN)	670 (26,4)	670 (26,4)	810 (31,8)	810 (31,8)	810 (31,8)	
D	MM (IN)	130 (5,1)	130 (5,1)	155 (6,6)	155 (6,6)	155 (6,6)	
	W/O COUPLER	KG (LB)	175 (386)	190 (419)	240 (530)	260 (574)	285 (629)
	MAX.	BAR (PSI)	250 (3626)	250 (3626)	250 (3626)	250 (3626)	250 (3626)
	MIN.	L/MIN (GAL/MIN)	40 (11)	40 (11)	50 (11)	50 (11)	50 (11)
	MAX.	L/MIN (GAL/MIN)	50 (13,2)	50 (13,2)	60 (15,8)	60 (15,8)	60 (15,8)
	BLOWS PER MINUTE	N.	195	195	86	86	86



STANDARD TECHNICAL FEATURES

- 1 HB450 BLADE**
HB450 BLADES FOR A HIGHER RESISTANCE TO WEAR.
- 2 REVOLVING JOINT**
THE TOOTHED FLANGE NEXT TO COUPLING AREA ALLOWS TO SETTLE THE TILTING DEGREE ACCORDING TO THE CUSTOMER'S NEED.

OPTIONAL

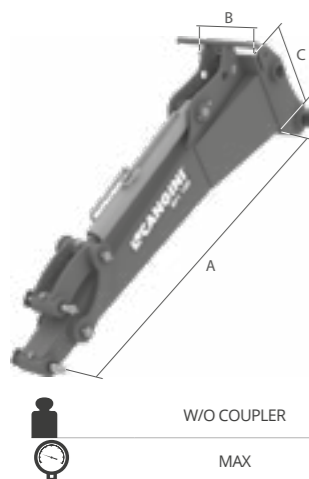
- 3 4 PIPES HYDRAULIC SLEWING RING**
IT ORIENTS THE BRANCH-CUTTER BAR FOR DIFFERENT NEEDS AND IT ALLOWS TO CUT IN BOTH DIRECTIONS.
- 4 2 PIPES HYDRAULIC SLEWING RING**
IT ORIENTS THE BRANCH-CUTTER BAR FOR DIFFERENT NEEDS AND IT ALLOWS TO CUT IN BOTH DIRECTIONS. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.



BP EXTENSION ARM FOR EXCAVATOR



PARTICULARLY SUITED TO OPERATIONS IN AREAS WHERE THE MACHINE'S STANDARD RANGE OF ACTION IS NOT SUFFICIENT. THE EXTENSION ARM IS SUPPLIED AS A "PARTLY COMPLETED MACHINERY" CERTIFICATION IN ACCORDANCE WITH THE ANNEX II-B OF THE 2006/42/EC MACHINERY DIRECTIVES. ITS EC COMPLIANCE WILL BE DECLARED AFTER IT HAS BEEN ATTACHED TO THE MACHINE AND BEFORE ITS REGULAR USE.



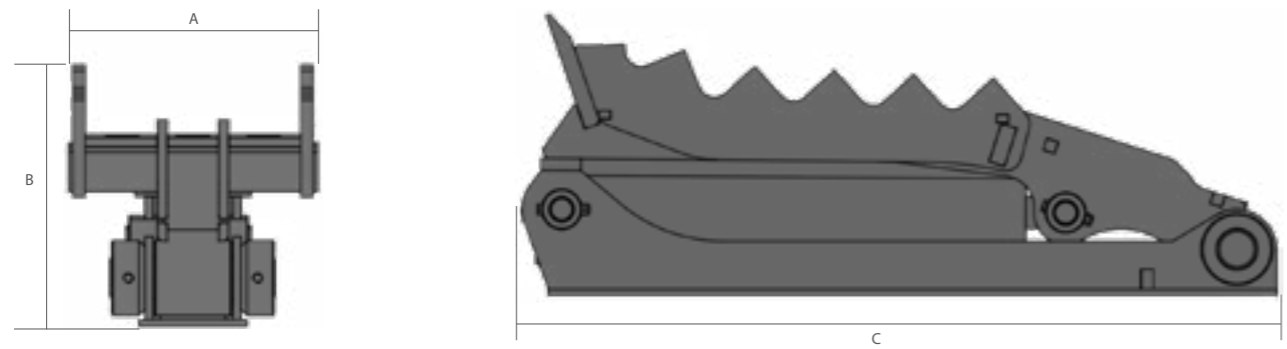
TONS (LB)	2,0 - 4,0 (4409-8818)		4,0 - 7,5 (8818-16535)		7,5 - 10,0 (16535-22046)		10,0 - 12,0 (22046-26455)		12,0 - 14,0 (26455-30865)		12,0 - 14,0 (26455-30865)	
MOD.	BP1-100	BP1-120	BP2-150	BP2-180	BP3-190	BP3-220	BP3-250	BP3-275				
A MM (IN)	1000 (39)	1200 (47)	1500 (59)	1800 (71)	1900 (75)	2200 (87)	2500 (98)	2750 (108)				
B MM (IN)	250 (10)	250 (10)	350 (14)	350 (14)	650 (26)	650 (26)	650 (26)	650 (26)				
C MM (IN)	300 (12)	300 (12)	470 (19)	470 (19)	670 (26)	670 (26)	670 (26)	670 (26)				
W/O COUPLER	KG (LB)	75 (165)	85 (187)	185 (408)	210 (463)	430 (948)	460 (1014)	495 (1091)	525 (1157)			
MAX	BAR (PSI)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	300 (4351)	300 (4351)	300 (4301)			



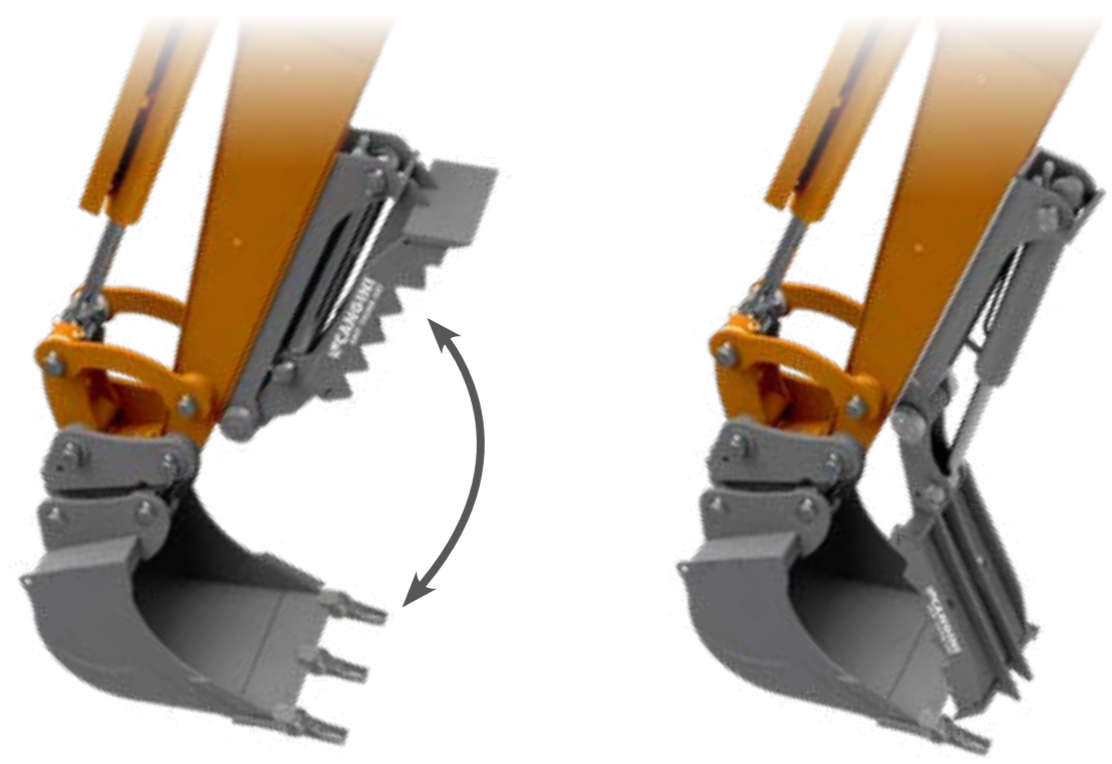


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APPLIED TO THE ARM OF THE EXCAVATOR, THE GRT CANGINI EXCAVATOR THUMB FACILITATES THE GRIP OF THE ROCKY MATERIAL, TRUNKS AND MUCH MORE LIKE A GRAPPLE. ONCE IT HAS BEEN FOLDED, IT ALLOWS THE NORMAL ACTIVITY OF THE BUCKET SIMPLIFYING THE OPERATOR IN HIS JOB.



	TONS (LB)	1,8 - 2,5 (3968,32-5511,56)	2,5 - 4,0 (5511,56-8818,49)	4,0 - 7,5 (8818,49 16534,7)	7,5 - 10,0 (16534,7-22046,2)	10,0 - 14,0 (22046,2-30864,7)	14,0 - 18,0 (30864,7-39683,2)
	MOD.	GRT 20	GRT 25	GRT 30	GRT 40	GRT 45	GRT 50
A	MM (IN)	200 (7,8)	250 (9,8)	300 (11,8)	400 (15,7)	450 (17,7)	500 (19,7)
B	MM (IN)	245 (9,6)	245 (9,6)	355 (13,9)	355 (13,9)	485 (19,0)	485 (19,0)
C	MM (IN)	583 (22,9)	583 (22,9)	915 (36,0)	915 (36,0)	1620 (63,7)	1620 (63,7)
	KG (LB)	25 (55)	30 (66)	95 (209,4)	135 (297,6)	355 (782,6)	374 (824,5)
	MAX BAR (PSI)	200 (2900,7)	200 (2900,7)	250 (3625,9)	250 (3625,9)	300 (4351,1)	300 (4351,1)





RC SINGLE-FORCE RIPPER & RN MULTI-FORCE RIPPER FOR EXCAVATOR

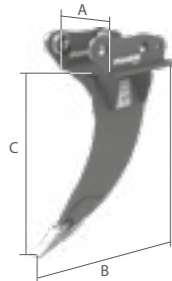


HB400



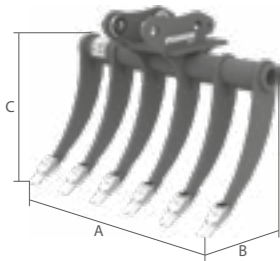
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

SINGLE-FORCE RIPPER IS MANUFACTURED ENTIRELY IN HB400. SUITABLE FOR SOIL TILTING, DIGGING, ROOT AND STONE GRUBBING WORKS.



TONS	0,6 - 2,5 (1323 - 5512)		2,5 - 4,0 (5512 - 8818)		4,0 - 7,5 (8818 - 16535)		7,5 - 14,0 (16535 - 30865)	
MOD.	RCB45		RCB53		RCB67		RCB80	
A MM (IN)	250 (10)	265 (10)	295 (12)	340 (13)				
B MM (IN)	490 (19)	530 (20)	665 (26)	790 (31)				
C MM (IN)	450 (18)	520 (20)	660 (26)	820 (32)				
W/O COUPLER KG (LB)	23 (50)	32 (70)	60 (132)	100 (220)				
DC TEETH	DC 3 KG 2,1		DC 6 KG 4,0		DC 8 KG 5,4		DC 13 KG 13	
DTE TEETH	DTE 13 KG 1,7		DTE 17 KG 3,0		DTE 17 KG 3,0		DTE 23 KG 8,8	

MULTI-FORCE RIPPER IS PARTICULARLY SUITABLE FOR SOIL TILLING AND ROOT OR STONE GRABBING WORKS. ENTIRELY REALIZED IN HB400.



TONS	1,2 - 2,5 (2646 - 5512)		2,5 - 4,0 (5512 - 8818)		4,0 - 7,5 (8818 - 16535)		7,5 - 14,0 (16535 - 30865)	
MOD.	RN30	RN30	RN40	RN40	RN50	RN50	RN70	RN70
A MM (IN)	400 (16)	600 (24)	500 (20)	800 (31)	600 (24)	1000 (39)	800 (31)	1200 (47)
B MM (IN)	300 (12)	300 (12)	320 (14)	320 (14)	380 (15)	380 (15)	507 (20)	507 (20)
C MM (IN)	400 (16)	400 (16)	465 (18)	465 (18)	555 (22)	555 (22)	710 (28)	710 (28)
KG (LB)	27 (60)	33 (72)	35 (77)	46 (101)	64 (141)	83 (182)	137 (302)	170 (374)
N.	3	4	3	4	4	5	5	6
DC TEETH	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 3 (KG 2,1)	DC 3 (KG 2,1)	DC 6 (KG 4,0)	DC 6 (KG 4,0)
DTE TEETH	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 17 (KG 3,0)	DTE 17 (KG 3,0)	DTE 17 (KG 3,0)	DTE 17 (KG 3,0)



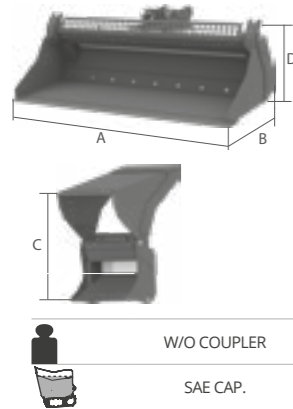
STANDARD TECHNICAL FEATURES

- 1 DC TEETH DTE TEETH



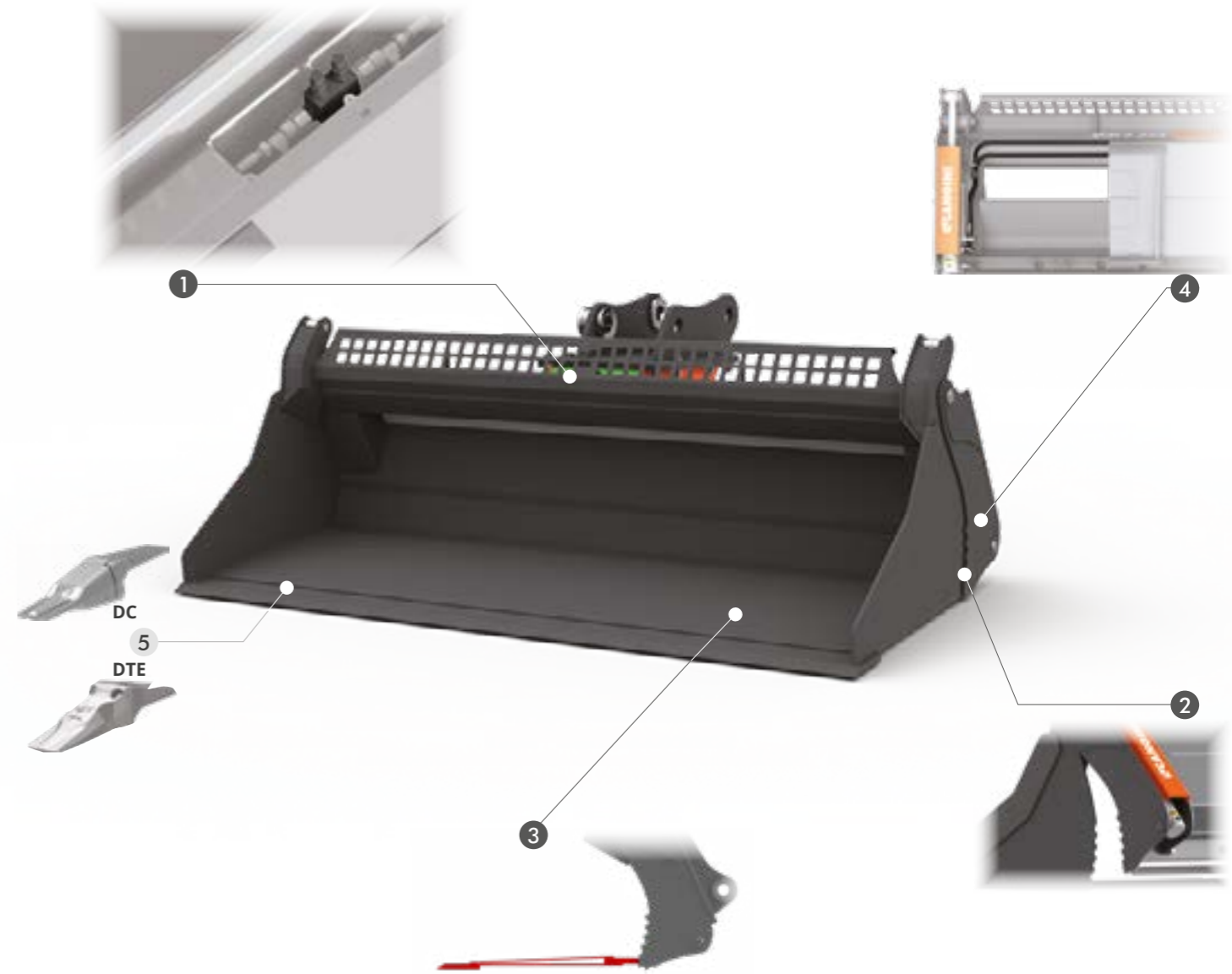
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SUITABLE FOR LOADING, UNLOADING AND HANDLING OPERATIONS. THANKS TO ITS HYDRAULIC OPENING IT IS SUITABLE ALSO FOR VARIOUS MATERIAL GRABBING, WASTE DISCHARGE CONTROL AND GROUND LEVELLING.



	MOD.	M4-102	M4-110	M4-125	M4-140	M4-152	M4-170	M4-188	M4-200	M4-215
A	MM (IN)	1020 (40)	1100 (43)	1250 (49)	1400 (55)	1520 (60)	1700 (67)	1880 (74)	2000 (79)	2150 (85)
B	MM (IN)	850 (33)	850 (33)	850 (33)	850 (33)	850 (33)	950 (37)	950 (37)	950 (37)	950 (37)
C	MM (IN)	500 (20)	500 (20)	500 (20)	500 (20)	500 (20)	550 (22)	550 (22)	550 (22)	550 (22)
D	MM (IN)	650 (26)	650 (26)	650 (26)	650 (26)	650 (26)	700 (28)	700 (28)	700 (28)	700 (28)
W/O COUPLER	KG (LB)	240 (529)	250 (551)	265 (584)	285 (628)	300 (661)	370 (816)	390 (860)	410 (904)	440 (970)
SAE CAP.	L (GAL)	265 (70)	290 (76,6)	330 (87,2)	375 (99,1)	410 (108,3)	490 (129,4)	550 (145,3)	580 (153,2)	630 (166,4)

		M4-102	M4-110	M4-125	M4-140	M4-152	M4-170	M4-188	M4-200	M4-215
N.		5	5	6	6	6	7	7	8	8
5 DC TEETH		DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)
5 DTE TEETH		DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)



STANDARD TECHNICAL FEATURES

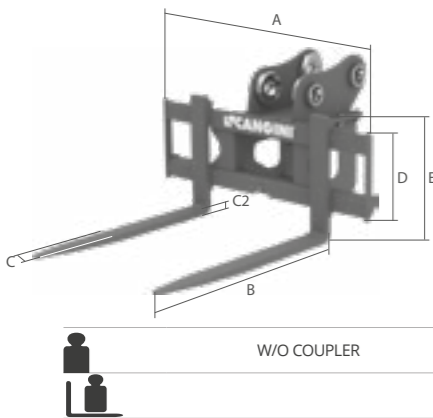
- 1 SAFETY CHECK-VALVE**
IT ALLOWS TO KEEP THE TOOL SAFE EVEN IN CASE OF DAMAGE OF THE PIPES OR PRESSURE LOSS IN THE SYSTEM.
- 2 SIDE TOOTHING**
ITS PROFILE ENABLES TO KEEP THE GRABBED MATERIAL.
- 3 HB400 REINFORCEMENT STRIPES AND CUTTING EDGE**
THEY GRANT HIGH RESISTANCE AGAINST DEFORMATION OF THE MORE STRESSED PARTS.
- 4 HYDRAULIC SYSTEM INTEGRATED INTO THE BODY**
IT'S INTEGRATED INTO THE BODY THUS PROTECTING PIPES FROM DAMAGES DURING THE WORKING PHASE.

OPTIONAL

- 5 DC TEETH DTE TEETH**



THIS CONFIGURATION ENABLES THE COUPLING TO EXCAVATORS MAKING IT SUITABLE FOR THE HANDLING OF LOADS IN HARD-TO-REACH AREAS.



MOD.		FK10 S		FK10		FK18 S	
A	MM (IN)	1150	(45)	1150	(45)	1150	(45)
B	MM (IN)	1000	(39)	1200	(47)	1200	(47)
C	MM (IN)	80	(3,1)	80	(3,1)	100	(3,9)
C2	MM (IN)	30	(1,2)	30	(1,2)	35	(1,4)
D	MM (IN)	406	(16)	406	(16)	406	(16)
E	MM (IN)	620	(24)	620	(24)	620	(24)
	W/O COUPLER	KG (LB)	170 (375)	182 (401)		210 (463)	
		KG (LB)	1000 (2205)	1000 (2205)		1800 (3968)	

****NB:** THESE CONFIGURATIONS CAN BE INSTALLED ON THE FOLLOWING MODELS: CR, CS UP TO CS80, CW UP TO CW10



MIX-SF MIXING BUCKET SAFE DISCHARGE FOR EXCAVATOR



EXCAVATOR



PATENTED



HB400



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GEARBOX TRANSMISSION DELIVERS HIGH PERFORMANCE AND IS ALMOST MAINTENANCE-FREE HIGH PERFORMANCES AND DOES NOT REQUIRE CONTINUOUS MAINTENANCE INTERVENTIONS. THE USE OF DUAL CROSS RELIEF AND FLOW DIVIDER VALVES GRANTS EFFECTIVENESS AND RELIABILITY EVEN IN THE MOST DIFFICULT WORK CONDITIONS.



STANDARD TECHNICAL FEATURES

- 1 SAFE LOCKING/DISCHARGE (PATENTED)**
THE OPERATOR LOCKS THE DISCHARGE PIPE FROM THE BUCKET'S SIDE IN THE SAFEST WORK CONDITION.
- 2 CONTROL ROD FOR THE DISCHARGE PIPE**
IT ENABLES THE PIPE'S DISPLACEMENT FOR THE SIDE POURING.
- 3 AUGER REMOVAL**
THE BUCKET'S BODY HAS BEEN DESIGNED IN A SUCH WAY THAT THE ENTIRE AUGER CAN BE REMOVED THUS MAKING THE MAINTENANCE OPERATION EASIER.
- 4 GEARMOTOR**
IT GUARANTEES HIGH PERFORMANCES TO THE ENTIRE SYSTEM.
- 5 ELECTRIC KIT**
IT ALLOWS THE CONTROL BOTH OF THE MIXING AND THE DISCHARGE OPERATIONS FROM THE CAB.

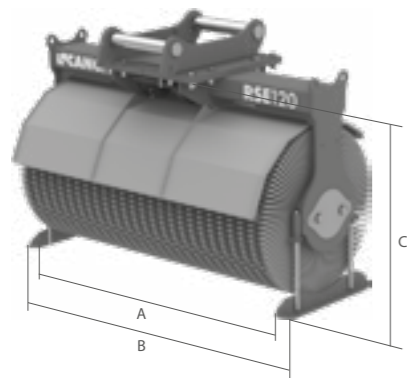
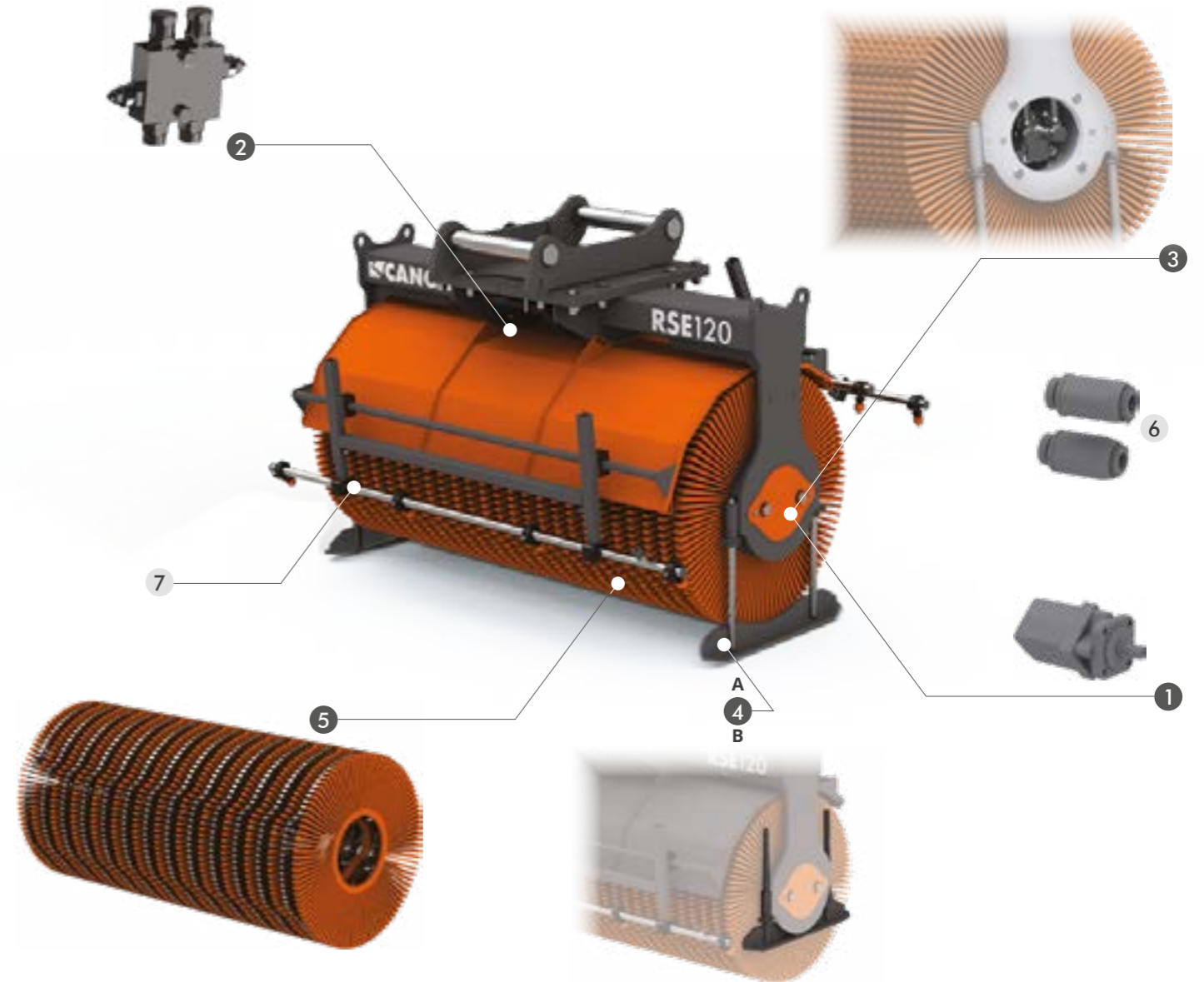
OPTIONAL

- 6 FLOWRATE REDUCERS**
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN.

		MOD.	MIX 150SF.2	MIX 200SF.2	MIX 250SF.2	MIX 350SF.2	MIX 450SF.2	MIX 600SF.2
	A	MM (IN)	1000 (39)	1100 (43)	1350 (53)	1350 (53)	1670 (66)	1750 (69)
	B	MM (IN)	1265 (49,8)	1360 (53,5)	1610 (63,3)	1630 (64)	1946 (77)	2018 (79)
	C	MM (IN)	620 (24)	650 (26)	650 (26)	720 (28)	720 (28)	835 (33)
	D	MM (IN)	530 (21)	580 (23)	610 (24)	680 (27)	680 (27)	800 (31)
	W/O COUPLER	KG (LB)	260 (573)	315 (694)	350 (771)	405 (892)	460 (1014)	555 (1223)
		KG (LB)	600 (1323)	775 (1708)	925 (2039)	1210 (2667)	1495 (3295)	1930 (4254)
		L (GAL)	150 (39,6)	200 (52,8)	250 (66)	350 (92,5)	450 (118,9)	600 (158,5)
	DISCHARGE PIPE	MM (IN)	210 (8)	210 (8)	210 (8)	210 (8)	210 (8)	210 (8)
	MAX	L/MIN (GAL/MIN)	70 (19)	70 (19)	70 (19)	70 (19)	70 (19)	70 (19)
	MAX	BAR (PSI)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	200 (2901)



THE BROOM SWEEPER FOR EXCAVATORS IS SUITABLE FOR THE CLEANING OF HORIZONTAL AND VERTICAL SURFACES AND OF AREAS THAT MACHINES WITH FRONTAL ATTACHMENTS CANNOT REACH. IT IS EQUIPPED WITH STABILIZING SHOES TO SAFEGUARD BRUSHES WHEN THE BROOM IS SET TO THE GROUND. STANDARD THROTTLE VALVES AND PRESSURE RELIEF VALVES. THE DIRECT DRIVE ENGINE WITH DISK GEARBOX IS PLACED INSIDE THE BRUSH SHAFT TO REDUCE THE TOOL'S OPERATING OVERALL WIDTH.



	MOD.	RSE120	
A	MM (IN)	1210	(48)
B	MM (IN)	1310	(52)
C	MM (IN)	800	(31)
	KG (LB)	155	(342)
	MM (IN)	600	(24)
	N.	25 + 2	
	L/MIN (GAL/MIN)	70	(19)
	BAR (PSI)	180	(2611)

	W/O COUPLER
	MAX

STANDARD TECHNICAL FEATURES

- ENGINE WITH SQUARE FLANGES AND DISK GEARBOX**
- PRESSURE RELIEF VALVE**
THEY PREVENT THE ENGINE FROM PRESSURE PEAKS DURING WORKING PHASES CALIBRATED AT 180 BAR.
- DIRECT DRIVE ENGINE**
THE SOLUTION OF THE DISK GEARBOX ENGINE MOUNTED DIRECTLY ON THE BRUSH SHAFT ALLOWS TO REDUCE THE OVERALL DIMENSIONS OF THE ROLLER CONSIDERABLY AND MAKE IT MORE VERSATILE.
- ADJUSTABLE STABILIZING SHOES: A) STAND-BY POSITION - B) WORK POSITION**
- PPL + STEEL BRUSH KIT**
RECOMMENDED FOR THE CLEANING OF PARTICULARLY ABRASIVE SURFACES.

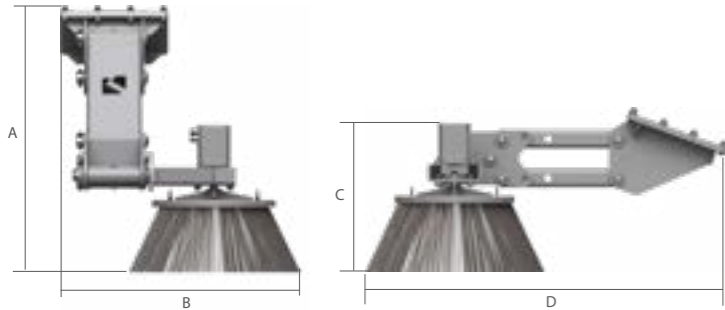
OPTIONAL

- FLOWRATE REDUCERS**
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN
- OUTSIDE SPRINKLERS KIT**
THIS KIT DOES NOT INCLUDE TANK AND PUMP.

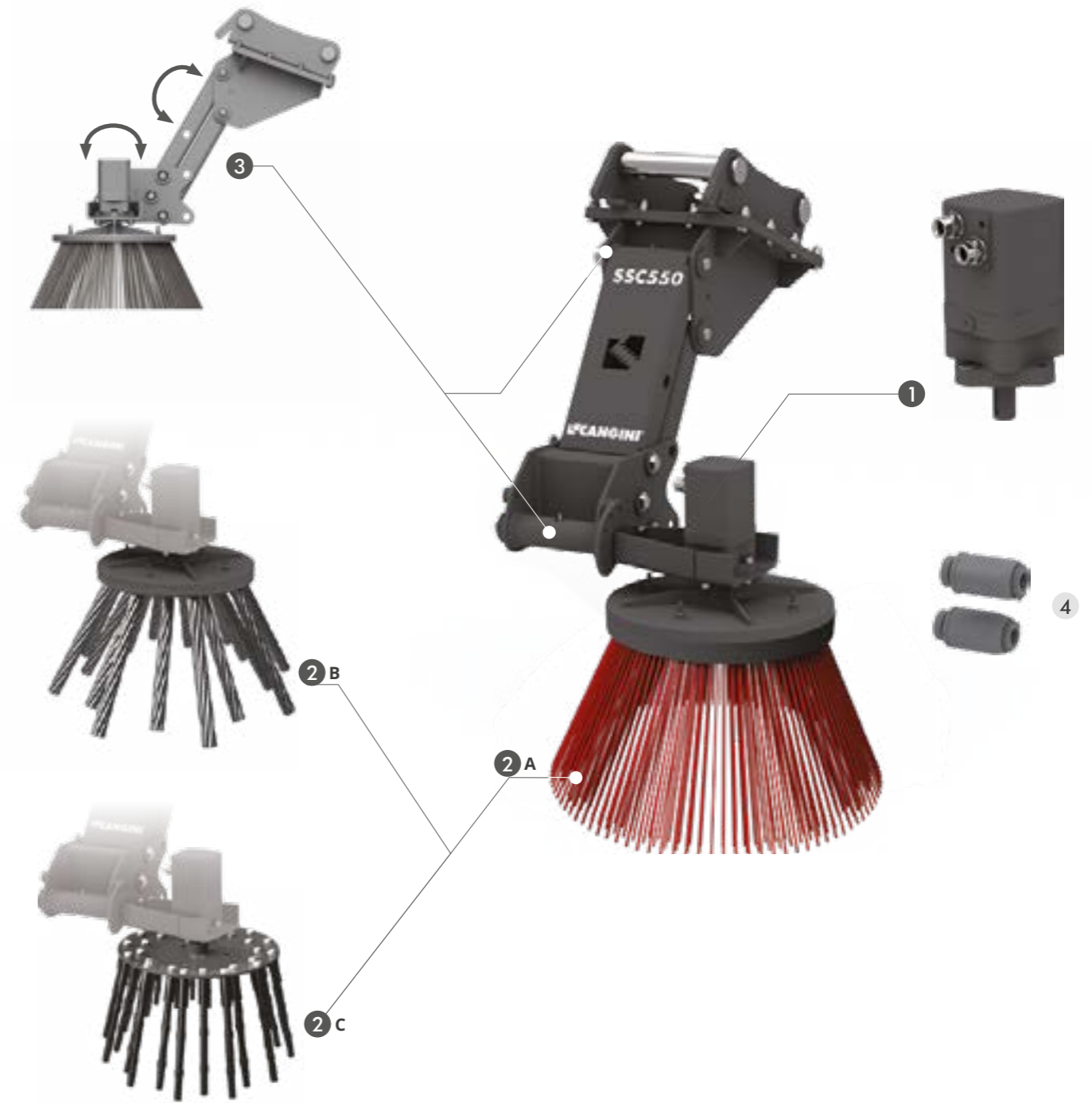


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THIS BRUSH CAN BE APPLIED TO EXCAVATORS. IT IS MADE OF STEEL BRISTLES AND THEREFORE IDEAL FOR THE DEEP CLEANING AND WEED-REMOVAL OF CURBS, PLATFORMS AND BANKS, AND ASPHALTED AREAS. IT IS EQUIPPED WITH STANDARD FLOATING SYSTEM AND JOINT ON ITS HEAD THAT ENABLE THE BRUSH TO ADAPT TO ANY SURFACE. BOTH POSITIONING SYSTEMS CAN BE BLOCKED TO A FIX POSITION FOLLOWING THE UTILIZER'S NEEDS. IN ITS PPL BRISTLE VERSION THE BRUSH CAN CLEAN MORE DELICATE SURFACES WHERE THE WEED-REMOVAL IS NOT NECESSARY.



	MOD.	SSC550	
A	MM (IN)	890	(35)
B	MM (IN)	850	(33)
C	MM (IN)	550	(22)
D	MM (IN)	1260	(50)
	FLOATING STROKE	MM (IN)	340 (13)
	W/O COUPLER	KG (LB)	100 (220)
		MM (IN)	640 (25)
	MAX.	L/MIN (GAL/MIN)	70 (19)
	MAX.	BAR (PSI)	200 (2901)



STANDARD TECHNICAL FEATURES

- 1 ENGINE WITH SQUARE FLANGES AND DISK GEARBOX**
- 2 PPL BRUSH (A) STEEL BRUSH + RUBBER PLATE (B) STEEL BRUSH + STEEL PLATE (C)**
- 3 FLOATING SYSTEM AND JOINT**

OPTIONAL

- 4 FLOWRATE REDUCERS**
ADVISED FOR MACHINES WITH OILFLOW HIGHER THAN 70 L/MIN

FRONTAL ATTACHMENTS



WG-F FRONT WOOD GRABS	52						
V-F FRONTAL SCREENING BUCKET	54						
VMS-F MULTISCREENING FRONTAL BUCKET	56						
VMS TWIN-F MULTISCREENING FRONTAL BUCKET	58						
TC-F FRONT MULCHER	60						
TX-F FORCE ONE FRONT FORESTRY MULCHER	62						
BTC-F SHARP-CUT FRONTAL BRANCH CUTTER BAR	64						
M4 4 IN 1 FRONTAL BUCKET	66						
FK FRONT PALLET FORK	68						

FRONTAL ATTACHMENTS



MIX-SF FRONTAL MIXING BUCKET SAFE DISCHARGE	70						
LN STANDARD FRONTAL SNOW BLADE	72						
LBD FRONTAL DOZER BLADE	74						
XPLANE FRONTAL LASER DOZER BLADE	76						
XPLANE FRONTAL LASER DOZER BLADE - IOT SYSTEM	78						
SPZ FRONTAL SWEEPER BUCKET	80						
S EASY SWEEPY FRONTAL SWEEPER	82						
R EASY SWEEPY FRONT ROLLER	84						
F ALL DUSTER FRONTAL JOINTED BRUSH	86						

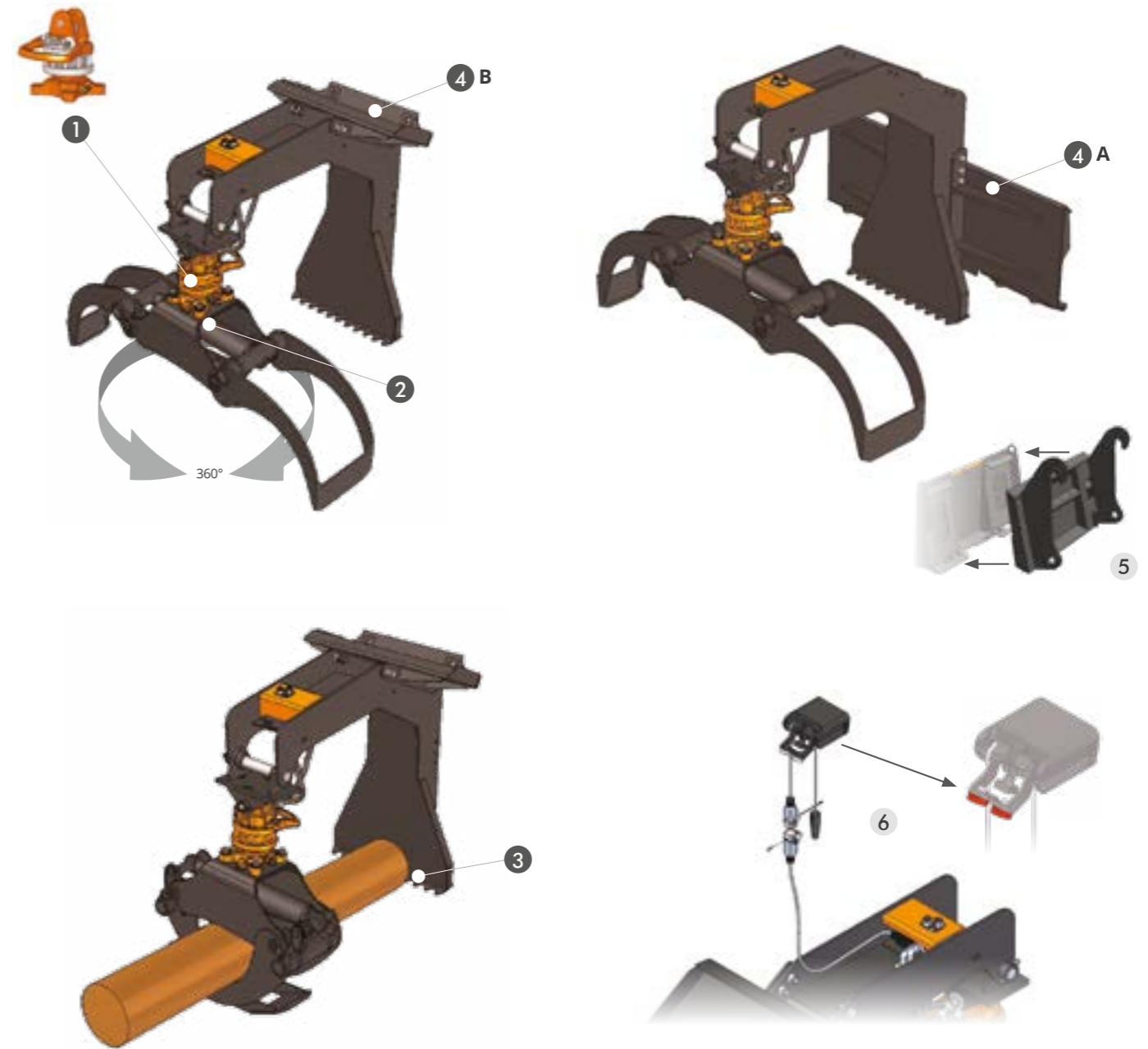


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE LOG GRAPPLE CAN BE EQUIPPED WITH 360° HYDRAULIC ROTATION, PARTS SUBJECT TO GREATER WEAR ARE MADE OF DOMEX 700. STANDARD EQUIPMENT INCLUDES A BLOCK VALVE ON THE CLOSING CYLINDER.



MOD.		WGF 100	WGF 110	WGF 130	
A	MM (IN)	330 (13)	395 (16)	425 (17)	
B	MM (IN)	610 (24)	655 (26)	735 (29)	
C	MM (IN)	410 (16)	440 (17)	495 (19)	
D	MM (IN)	650 (25)	695 (27)	790 (31)	
E	MM (IN)	1090 (43)	1180 (46)	1400 (55)	
	W/O COUPLER	KG (LB)	166 (366)	210 (462)	240 (529)
	MIN.	MM (IN)	70 (2)	80 (3,1)	75 (2,9)
	MAX.	L/MIN (GAL/MIN)	50 (13)	50 (13)	50 (13)
	MAX.	KG (LB)	500 (1102)	1000 (2204)	1000 (2204)
	MAX.	BAR (PSI)	200 (2901)	200 (2901)	200 (2901)



STANDARD

- 1 FRONT WOOD GRABS WITH HYDRAULIC 360° ROTATION**
- 2 BLOCK VALVE ON THE CYLINDER**
- 3 SERRATED BLADE AS SUPPORT TO MATERIAL HANDLING**
IT OFFERS A SUPPORT BASE DURING THE HANDLING OF THE LIFTED MATERIAL
- 4A SKID LOADER HITCH**
- 4B MINI SKID LOADER HITCH**

OPTIONAL

- 5 ARTICULATED LOADERS, BACKHOE LOADERS AND TELEHANDLER HANDLERS HITCH**
- 6 2 HOSES KIT**
IT ALLOWS THE FUNCTIONING OF THE ROTATION AND OPENING/CLOSING OF THE CLAWS ON MACHINES PROVIDED WITH ONE DOUBLE EFFECT LINE. IT CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.

V-F FRONTAL SCREENING BUCKET

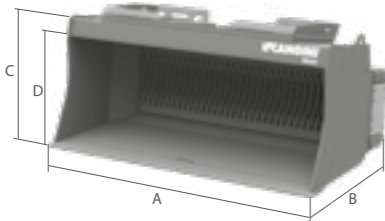


- PATENTED
- HB400



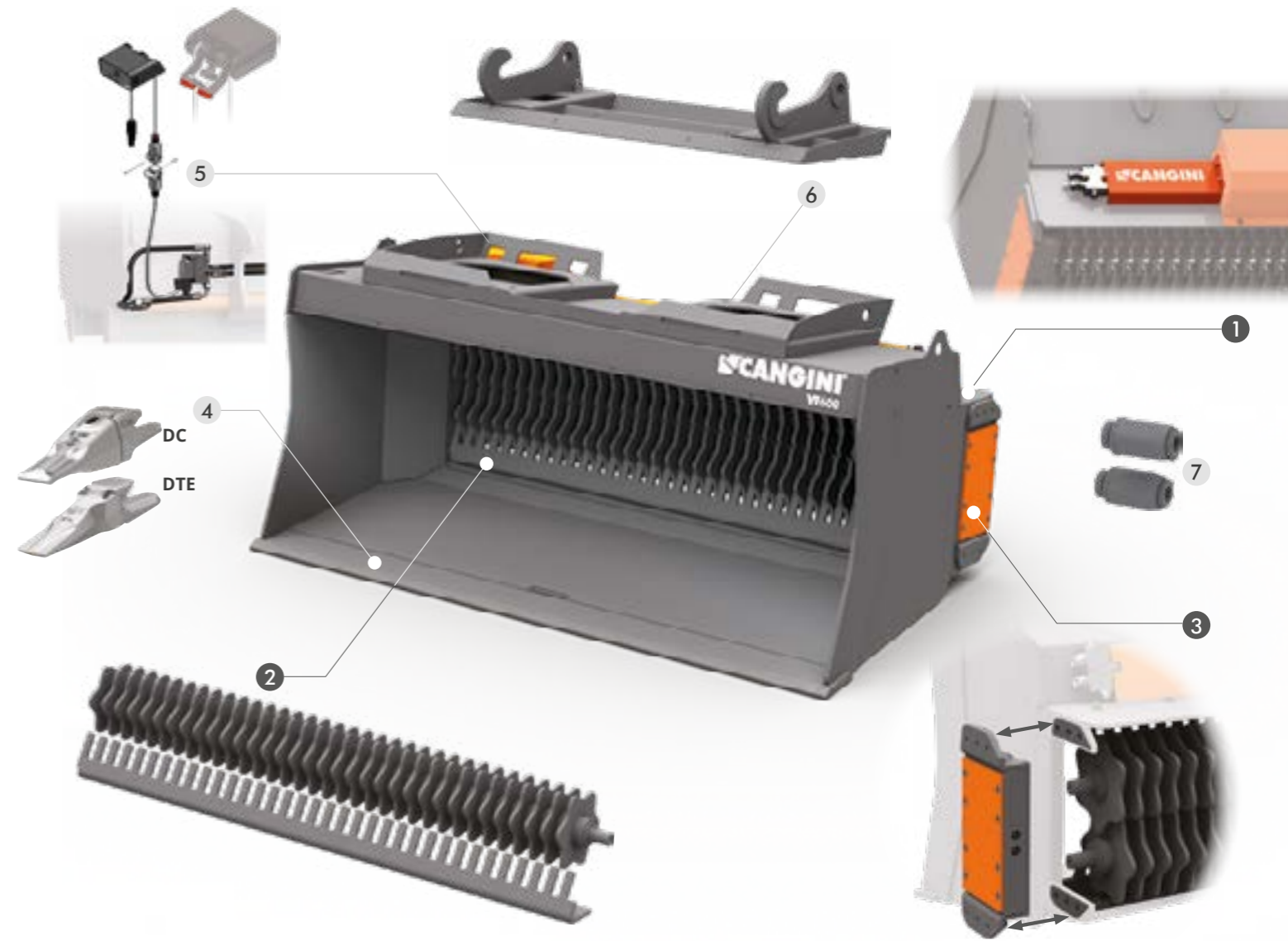
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

IT GRADES MATERIALS FROM DEMOLITION, DIGGING AND EARTH-MOVING WORKS. IT IS IDEAL ALSO FOR THE MIXING OF TERRAIN AND PEAT. THE CORE-ELEMENT IS AN HYDRAULIC SIEVE WITH ROTATING HB400 KNIVES. THE MATERIAL THICKNESS CAN VARY FROM 0 TO 20 (0 - 0,8 IN) AND FROM 0 TO 35 (0 - 1,4 IN) WITH A STANDARD EQUIPMENT.



	MOD.	VF600		VF700		VF1000		VF1300		VF1600	
A	MM (IN)	1200	(47)	1400	(55)	1600	(63)	1 800	(71)	2000	(79)
B	MM (IN)	720	(28)	840	(33)	840	(33)	1050	(41)	1050	(41)
C	MM (IN)	620	(24)	650	(26)	650	(26)	780	(31)	780	(31)
D	MM (IN)	550	(22)	580	(23)	580	(23)	710	(28)	710	(28)
	W/O COUPLER	KG (LB)	320 (705)	370 (816)	420 (926)	670 (1477)	800 (1764)				
		KG (LB)	600 (1323)	700 (1543)	915 (2017)	1300 (2866)	1550 (3417)				
		MM (IN)	0/20-0/35 (0/0,8-0/1,4)	0/20-0/35 (0/0,8-0/1,4)	0/20-0/35 (0/0,8-0/1,4)	0/20-0/35 (0/0,8-0/1,4)	0/20-0/35 (0/0,8-0/1,4)				
		L/MIN (GAL/MIN)	40-70 (11/19)	40-70 (11/19)	40-70 (11/19)	60-90 (16/24)	60-90 (16/24)				
		N.	2	2	2	2	2				
		L (GAL)	186 (49,1)	220 (58,1)	330 (87,2)	420 (111)	500 (132,1)				

		VF600	VF700	VF1000	VF1300	VF1600
	N.	6	6	7	7	8
4	DC TEETH	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 3 (KG 2,1)	DC 3 (KG 2,1)
4	DTE TEETH	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 17 (KG 3,0)	DTE 17 (KG 3,0)



STANDARD

- SAFETY VALVE**
IT PROTECTS THE ENGINE AGAINST THE PRESSURE PEAKS OCCURRING DURING THE WORKING CYCLES.
- SHAFT SYSTEM**
ALL KNIVES ARE MADE OF HB400.
- PATENTED SHAFT REPLACEMENT SYSTEM**
THANKS TO THE PATENTED SYSTEM, IT IS POSSIBLE TO REPLACE SHAFTS RAPIDLY AND MODIFY THE SIEVED MATERIAL SIZE, WITHOUT INTERVENING ON TRANSMISSION.

OPTIONAL

- DC TEETH DTE TEETH**
- FLOW-REVERSAL VALVE KIT**
THIS VALVE ENABLES TO MAKE THE HYDRAULIC FLOW BI-DIRECTIONAL AND USE THE SCREENING BUCKET EVEN WITH MACHINES HAVING A MONO-DIRECTIONAL SYSTEM.
- ARTICULATED LOADERS, BACKHOE LOADERS AND TELEHANDLER HANDLERS HITCH**
THE WHEEL LOADER COUPLING PLATE CAN BE ADDED TO THE STANDARD SKID COUPLING SYSTEM.
- FLOWRATE REDUCERS**
MANDATORY ON HIGHFLOW MACHINES OR WITH OILRATE HIGHER THAN 70 L/MIN.

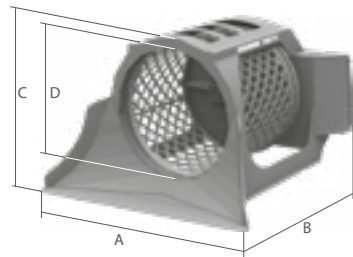


PATENTED
HB400



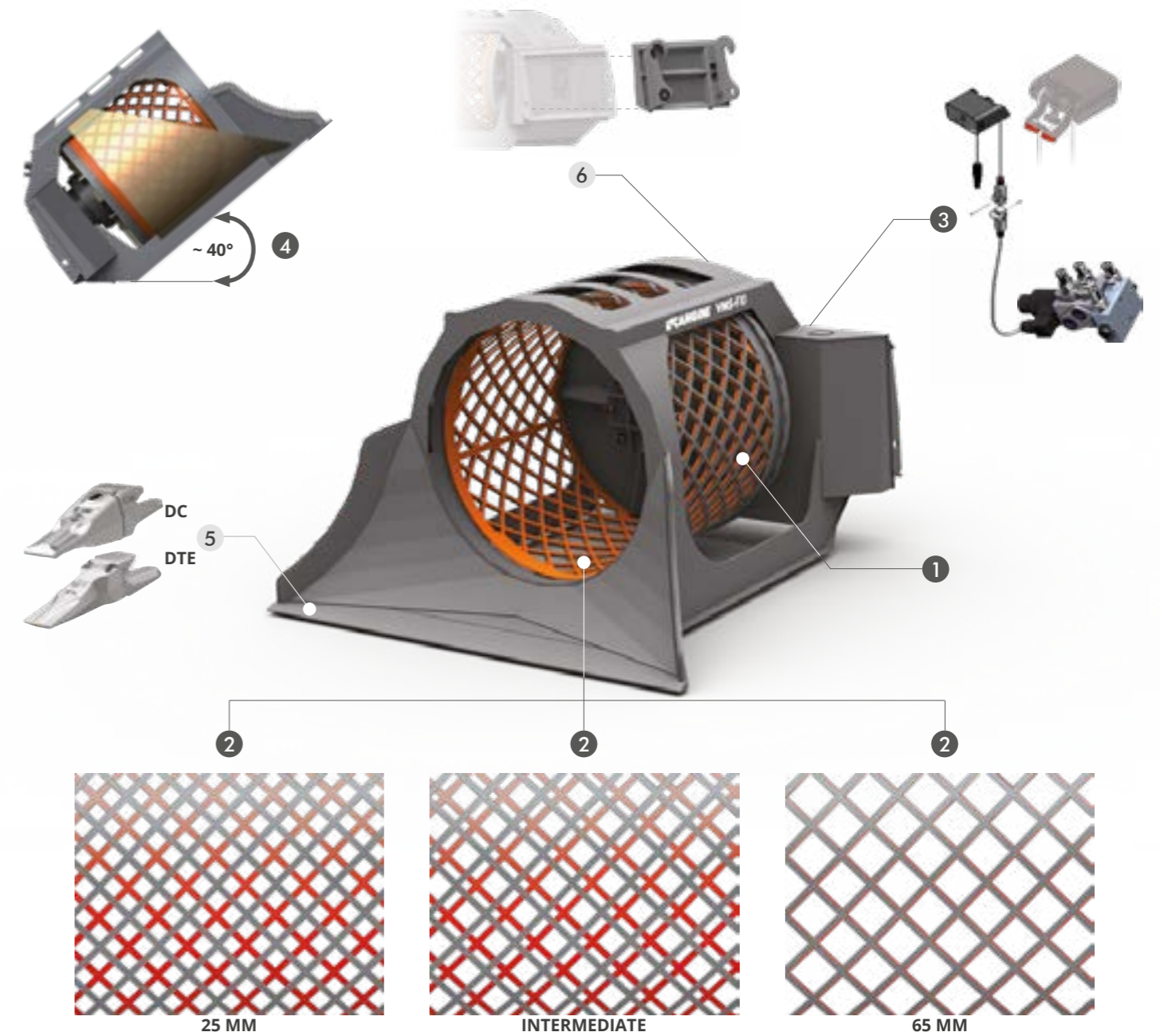
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE NEW MULTISCREENING BUCKET WITH THE NEW ROTARY DOUBLE DRUM CONCEPT FOR FRONTAL COUPLING AND MACHINES UP TO 14 TONS (30865 LB) IS SUITABLE FOR SELECTION DUTIES ON TURNED SOILS AND RESULTING MATERIALS. THE MATERIAL SIZE CHANGE - FROM 25 TO 60 MM (1 - 2,4 IN). - IS CONTROLLED DIRECTLY AND HYDRAULICALLY FROM THE CAB WITHOUT REPLACING ANY MECHANICAL PART THUS REDUCING THE WORK TIMES CONSIDERABLY.



	MOD.		VMS-F6	VMS-F8	VMS-F10
A	MM (IN)		1200 (47)	1400 (55)	1600 (63)
B	MM (IN)		1270 (50)	1420 (56)	1550 (61)
C	MM (IN)		780 (31)	890 (35)	950 (37)
D	MM (IN)		650 (26)	760 (30)	870 (34)
	W/O COUPLER	KG (LB)	360 (794)	450 (992)	600 (1323)
	OPERATING	KG (LB)	550 (1213)	770 (1698)	1050 (2315)
	MIN.	MM (IN)	25 (1)	25 (1)	25 (1)
	MAX.	MM (IN)	65 (2,6)	65 (2,6)	65 (2,6)
	MAX.	L/MIN (GAL/MIN)	80 (21)	80 (21)	80 (21)
	MAX.	BAR (PSI)	350 (5076)	350 (5076)	350 (5076)
		L (GAL)	170 (44,9)	285 (75,3)	400 (105,7)

		VMS-F6	VMS-F8	VMS-F10
	N.	6	6	7
5	DC TEETH	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)
5	DTE TEETH	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)



STANDARD TECHNICAL FEATURES

- 1 HB400 DRUMS**
THE DRUMS CAN AFFORD HIGH WORK PACES THANKS TO THEIR HIGHLY RESISTANT MATERIAL THAT EXTENDS THEIR USEFUL LIFE.
- 2 AUTOMATIC SCREENING SYSTEM**
THE NEW ROTARY DOUBLE DRUM CONCEPT WITH HYDRAULIC CONTROL FROM THE CAB ALLOWS TO SELECT THE MATERIAL SIZE, FROM 25 TO 60 MM (1 - 2,4 IN), WITHOUT STOPPING THE WORK CYCLE.
- 3 2 HOSES KIT**
IT ALLOWS THE FUNCTIONING OF THE ROTATION AND HYDRAULIC SHIFTING OF THE SCREENING DRUMS ALSO ON MACHINES PROVIDED WITH A DOUBLE EFFECT LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 4 OPERATING LOAD AND OPTIMAL WORKING CONDITION**

OPTIONAL

- 5 DC TEETH DTE TEETH**
- 6 HITCH FOR ARTICULATED LOADERS, BACKHOE LOADERS AND TELEHANDLER HANDLERS.**
IT'S POSSIBLE TO ADD THE HITCH FOR ARTICULATED LOADERS, BACKHOE LOADERS AND TELEHANDLER HANDLERS TO THE SKID LOADER HITCH PROVIDED WITH THE STANDARD EQUIPMENT.



VMS TWIN-F MULTISCREENING FRONTAL BUCKET

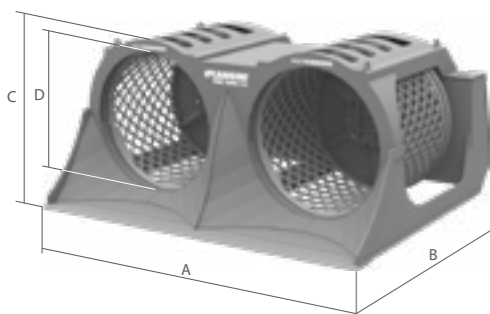


- PATENTED
- HB400



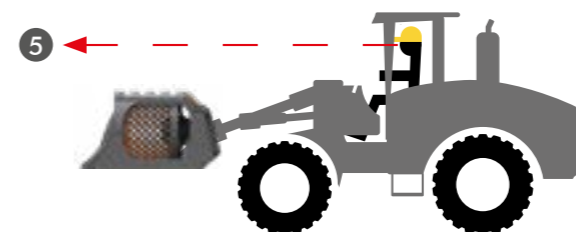
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE NEW MULTISCREENING BUCKET FOR FRONTAL COUPLING, WITH TWO ROTARY DOUBLE DRUMS COUPLED IN A SINGLE FRAME, IS SUITABLE FOR SELECTION DUTIES ON TURNED SOILS AND RESULTING MATERIALS. THE MATERIAL SIZE CHANGE, FROM A MINIMUM OF 25 MM TO A MAXIMUM OF 65 MM (1 - 2,4 IN), IS HYDRAULICALLY CONTROLLED FROM THE CAB WITHOUT REPLACING ANY MECHANICAL PART AND CONSIDERABLY REDUCING THE WORKING TIMES.

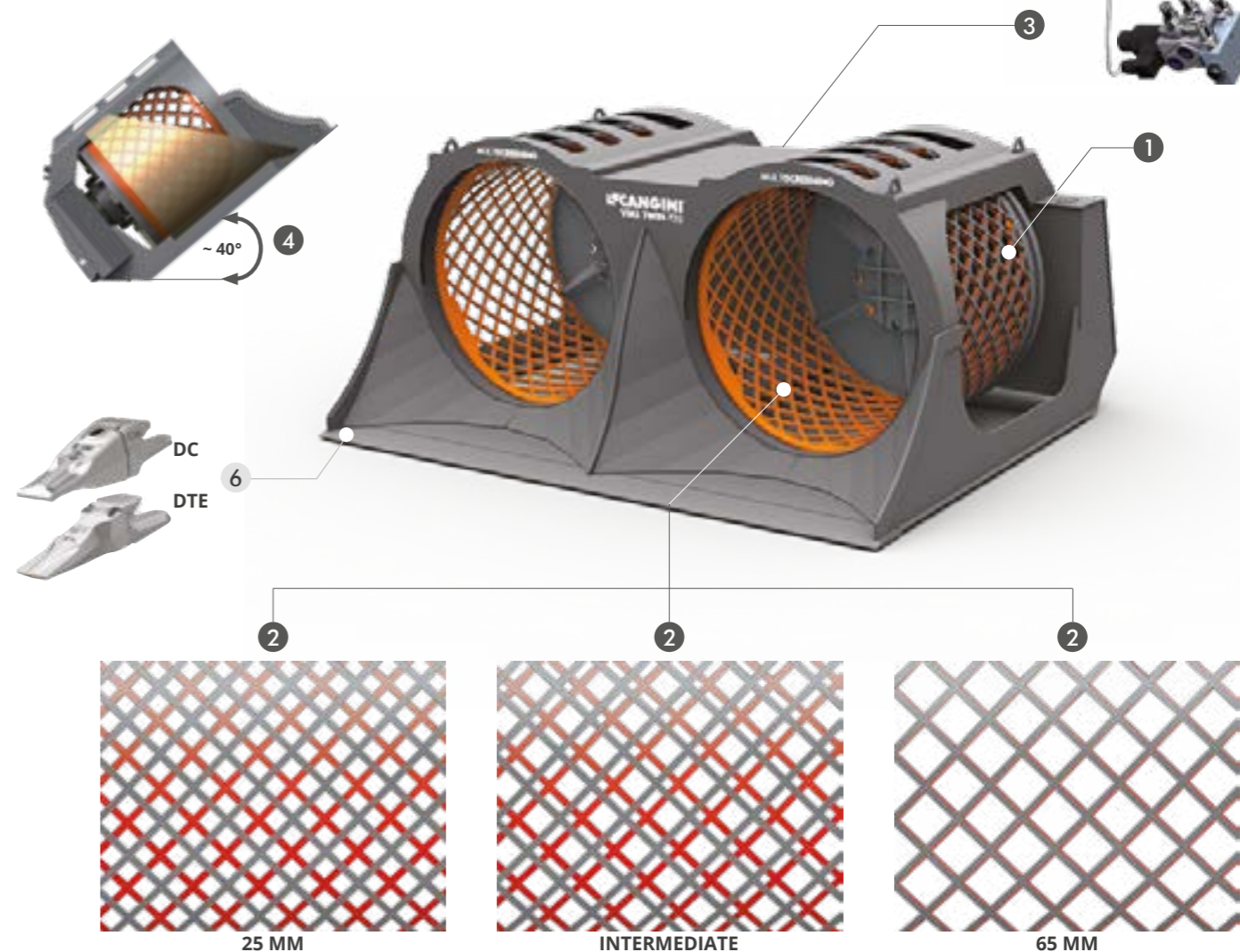


MOD.		VMS TWIN F20	
A	MM (IN)	2200	(87)
B	MM (IN)	1755	(70)
C	MM (IN)	1000	(39)
D	MM (IN)	870	(34)
	W/O COUPLER	KG (LB)	1280 (2822)
	OPERATING	KG (LB)	2540 (5600)
	MIN.	MM (IN)	25 (1)
	MAX.	MM (IN)	60 (2,4)
		L/MIN (GAL/MIN)	60 (16)
	MAX.	L/MIN (GAL/MIN)	150 (39)
	MAX.	BAR (PSI)	350 (5076)
		L (GAL)	420 X 2 (111 X 2)

		VMS TWIN F20	
	N.	8	
6	DC TEETH	DC 3 (KG 2,1)	
6	DTE TEETH	DTE 13 (KG 1,7)	



DOUBLE PERFORMANCE- EXCELLENT VISIBILITY



STANDARD TECHNICAL FEATURES

- 1 B400 DRUMS**
THE DRUMS CAN AFFORD HIGH WORK PACES THANKS TO THEIR HIGHLY RESISTANT MATERIAL THAT EXTENDS THEIR USEFUL LIFE.
- 2 AUTOMATIC SCREENING SYSTEM**
THE NEW ROTARY DOUBLE DRUM CONCEPT WITH HYDRAULIC CONTROL FROM THE CAB ALLOWS TO SELECT THE MATERIAL SIZE, FROM 25 TO 65 MM (1 - 2,4 IN), WITHOUT STOPPING THE WORK CYCLE.
- 3 2 HOSES KIT**
IT ALLOWS THE FUNCTIONING OF THE ROTATION AND HYDRAULIC SHIFTING OF THE SCREENING DRUMS ALSO ON MACHINES PROVIDED WITH A DOUBLE EFFECT LINE. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 4 OPERATING LOAD**
- 5 DOUBLE PERFORMANCE- EXCELLENT VISIBILITY (PATENTED)**
THE TWO SCREENING DRUMS REDUCE THE VERTICAL FOOTPRINT, GRANTING AN EXCELLENT VISIBILITY AND THEREFORE A GREATER PRODUCTIVITY.

OPTIONAL

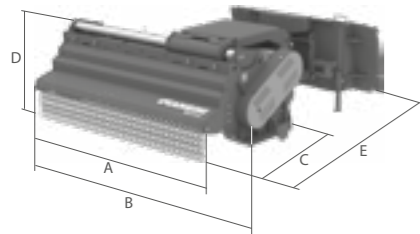
- 6 DC TEETH DTE TEETH**



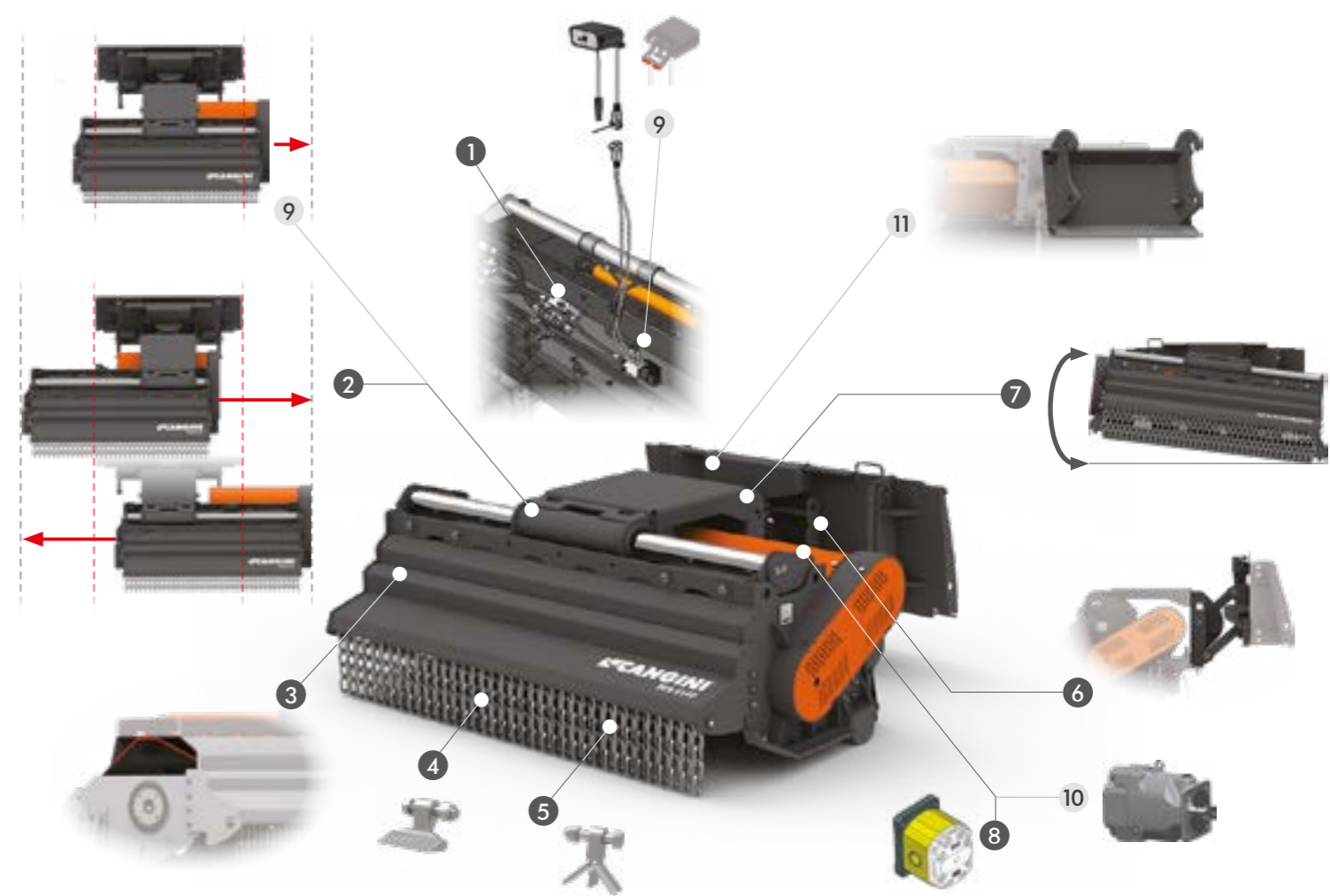


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE FRONT TC MULCHER IS MADE OF A DOUBLE BODY IN ORDER TO INCREASE THE TOOL'S RESISTANCE TO SHOCKS. IT'S EQUIPPED WITH MECHANICAL (HYDRAULIC UPON REQUEST) SIDE-SHIFTING AND VERTICAL FLOATING SYSTEMS. ADJUSTMENT TO THE HORIZONTAL PLANE OF $\pm 10^\circ$. ALSO EQUIPPED WITH BYPASS, PRESSURE RELIEF AND FLOW-DIVIDER VALVES, STANDARD Y BLADES WITH INTERMEDIATE KNIFE OR HAMMERS.



	MOD.	TC1F-120	TC2F-140	TC3F-160	TC3F-180	TC4F-200	TC4F-220	
A	MM (IN)	1200 (47)	1400 (55)	1600 (63)	1800 (71)	2000 (79)	2200 (87)	
B	MM (IN)	1400 (55)	1580 (62)	1780 (70)	1980 (78)	2200 (87)	2400 (94)	
C	MM (IN)	640 (25)	810 (32)	830 (33)	830 (33)	855 (34)	855 (34)	
D	MM (IN)	510 (20)	485 (19)	555 (22)	555 (22)	575 (23)	575 (23)	
E	MM (IN)	800 (31)	1300 (51)	1320 (52)	1320 (52)	1380 (54)	1380 (54)	
	W/O COUPLER	KG (LB)	175 (385,80)	550 (1212,53)	610 (1344,81)	650 (1432,99)	820 (1807,77)	860 (1895,96)
			DIRECT	BELTS	BELTS	BELTS	BELTS	BELTS
	MIN.	L/MIN (GAL/MIN)	22 (6)	28 (7)	55 (14)	55 (14)	65 (17)	65 (17)
	MAX	L/MIN (GAL/MIN)	90 (24)	90 (24)	150 (40)	150 (40)	150 (40)	150 (40)
	MAX	BAR (PSI)	250 (3626)	250 (3626)	280 (4061)	200 (4061)	200 (4061)	200 (4061)
	MAX WITH HAMMERS	MM (IN)	20-30 (0,8 - 1,2)	40-60 (1,6 - 2,4)	60-80 (2,4 - 3,1)	60-80 (2,4 - 3,1)	80-100 (3,1 - 3,9)	80-100 (3,1 - 3,9)
	MAX. MECHANICAL SIDE-SHIFTING (DX-SX)	MM (IN)	-	$\pm 350 (\pm 14)$	$\pm 525 (\pm 21)$	$\pm 525 (\pm 21)$	$\pm 700 (\pm 28)$	$\pm 875 (\pm 34)$
	MAX. HYDRAULIC SIDE-SHIFTING (DX)	MM (IN)	-	450 (18)	450 (18)	450 (18)	450 (18)	450 (18)



STANDARD TECHNICAL FEATURES

- 1 INTEGRATED VALVE UNIT**
THROTTLE, PRESSURE RELIEF AND BYPASS VALVES.
- 2 MECHANICAL SIDE-SHIFTING (L-R)**
IT SHIFTS THE MULCHER ON BOTH SIDES WITH RESPECT TO THE MACHINE TRACK.
- 3 REINFORCED BODY**
DOUBLE REINFORCED BODY FOR A HIGHER RESISTANCE TO SHOCKS.
- 4 SHAFT WITH HAMMERS**
SUITABLE FOR THE CUTTING OF SHRUBS OR SIMILAR PLANTS.
- 5 SHAFT WITH BLADES**
SUITABLE FOR THE CUTTING OF GRASS OR SIMILAR VEGETATION.
- 6 FLOATING SYSTEM**
IT ENABLES THE MULCHER TO FOLLOW THE SOIL.
- 7 SELF-LEVELLING OF THE HORIZONTAL PLANE OF $\pm 10^\circ$.**
- 8 GEAR MOTOR**
MOTOR WITH REINFORCED SEAL. IN CASE OF BACKPRESSURE HIGHER THAN 10 BAR, DRAINAGE LINE LINKED TO THE TANK IS MANDATORY.

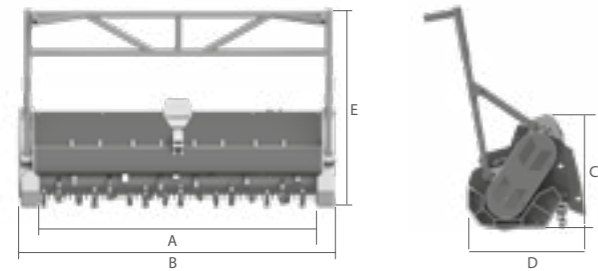
OPTIONAL

- 9 LATERAL HYDRAULIC SIDE-SHIFTING (DX) THANKS TO 2 HOSES TRANSLATION KIT**
IT ALLOWS TO HYDRAULICALLY CONTROL THE SIDE-SHIFTING OF THE MULCHER TO THE RIGHT, DIRECTLY FROM THE CAB. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
- 10 PISTON ENGINE**
FIT FOR PARTICULARLY HARD AND CONTINUOUS WORKS. IT NEEDS THE DIRECT DRAINING PIPE TO THE TANK.
- 11 ARTICULATED LOADERS HITCH**

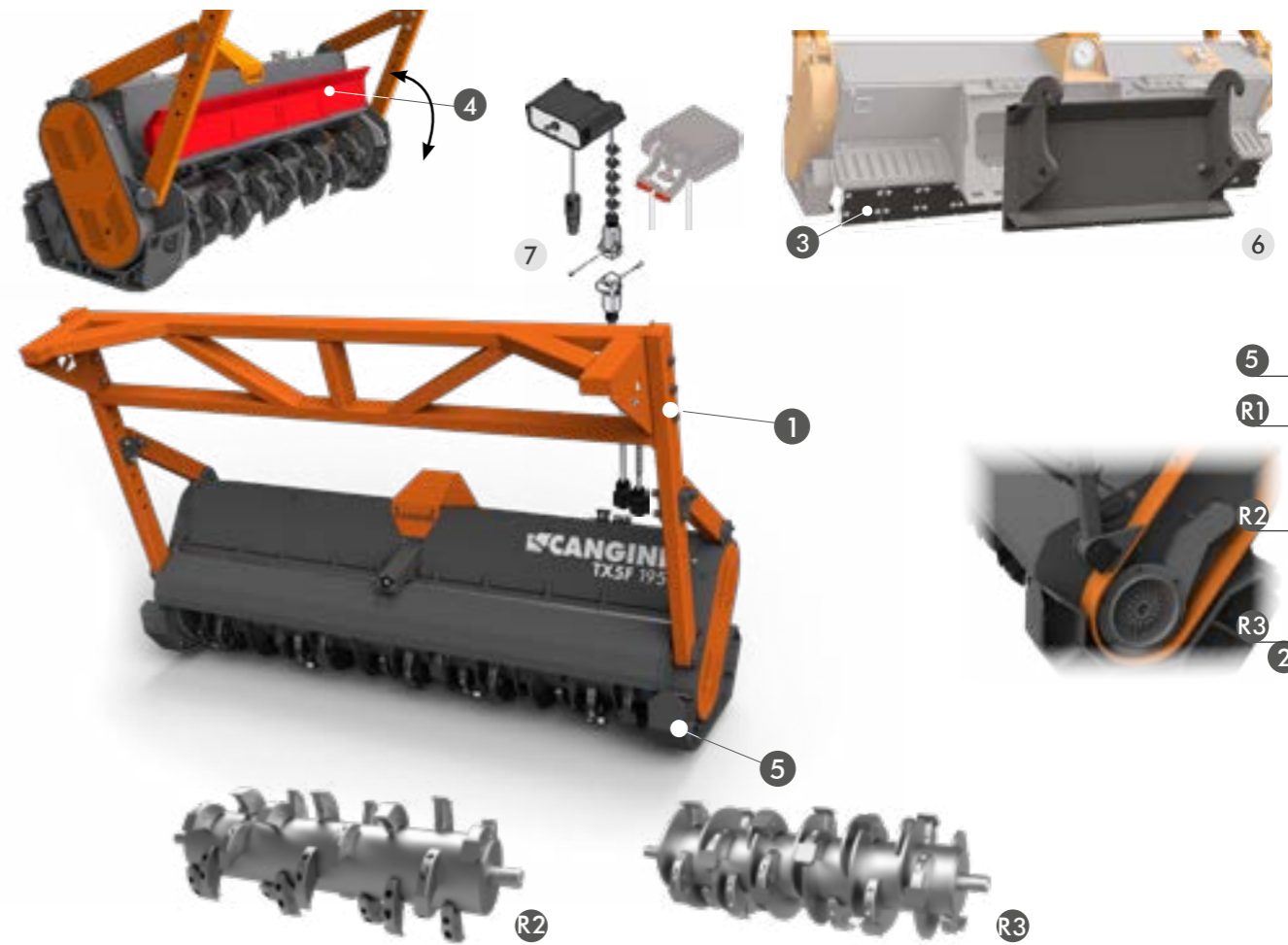


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

SAME ENDURANCE FOR THE FRONTAL VERSION THANKS TO THE REINFORCED SHELL, VALVE KIT INCLUDED IN STANDARD EQUIPMENT PROTECTS PISTON ENGINE FROM PRESSURE PEAKS. IT'S THE PERFECT TOOL TO CREATE FIREBREAK LINES, OPEN TRACKS, PATHS AND CUT DOWN TREES.



	MOD.	TX5F-170	TX5F-195
A	MM (IN)	2010 (79,1)	2260 (88,9)
B	MM (IN)	2010 (79,1)	2260 (88,9)
C	MM (IN)	750 (29,5)	750 (29,5)
D	MM (IN)	820 (32,2)	820 (32,2)
E	MM (IN)	1700 (66,93)	1950 (516)
R2	W/O COUPLER	KG (LB)	780 (1764,0)
R3	W/O COUPLER	KG (LB)	830 (1830,2)
R2		MM (IN)	220 (8,6)
R3		MM (IN)	220 (8,6)
		N.	3
	MIN	L/MIN (GAL/MIN)	90 (24)
	MAX	L/MIN (GAL/MIN)	300 (79)
	MAX	BAR (PSI)	400 (5801)



- 5** HB400 REINFORCED SKIDS
- R1** SEMI-FOR... THIS SEMI-F...
- R2** FORESTRY... DESIGNED F...
- R3** ROTOR FO... THIS ROTOR...

STANDARD TECHNICAL FEATURES

- 1 FRONT PROTECTION FRAME**
THE ADJUSTABLE PROTECTION FRAME ENSURES THAT THE PLANT FALLS AWAY FROM THE OPERATOR.
- 2 AUTOMATIC COOLING SYSTEM**
THE FORCED AIRFLOW HELPS TO KEEP THE OIL TEMPERATURE CONSTANT.
- 3 PROTECTION FLAPS**
MADE OF RUBBER, THEY REDUCE THE ACCIDENTAL OBJECTS' PROJECTION OUT OF THE CUTTING AREA.
- 4 HYDRAULIC HOOD OPENING**
THE FRONT HOOD OPENING MAKES THE ROTOR PENETRATE THE VEGETATION.
- 5 HB400 REINFORCED SKIDS**
- R2 R2 ROTOR**
DESIGNED FOR HEAVY-DUTY WORKS, IT SPECIALLY FITS THE PLANT MULCHING.
- R3 R3 ROTOR**
R3 ROTOR IS HIGHLY VERSATILE AND SUITABLE FOR MULTIPLE USES FROM CUTTING BRUSHWOOD TO TREE GRINDING. IT ALLOWS CUTTING FROM A DIAMETER OF 22CM UP TO A MAXIMUM OF 28CM DEPENDING ON THE MODEL USED.

OPTIONAL

- 6 ARTICULATED LOADERS HITCH**
IT'S POSSIBLE TO ADD THE HITCH FOR ARTICULATED LOADERS TO THE SKID LOADER HITCH PROVIDED WITH THE STANDARD EQUIPMENT
- 7 2 HOSES KIT**
IT ALLOWS THE FUNCTIONING OF THE HYDRAULIC OPENING/CLOSING OF THE ANTERIOR FLAP ON SINGLE HYDRAULIC LINE MACHINES. CONTROL KIT WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.



BTC-F SHARP-CUT FRONTAL BRANCH CUTTER BAR



SKID LOADER



MINI SKID



WHEEL LOADER

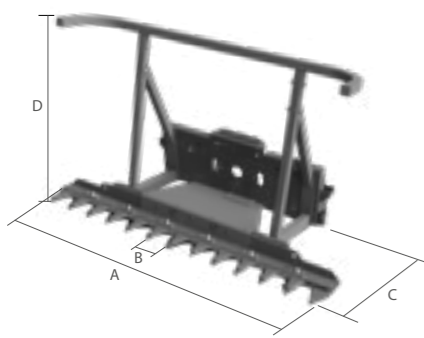


HB450



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

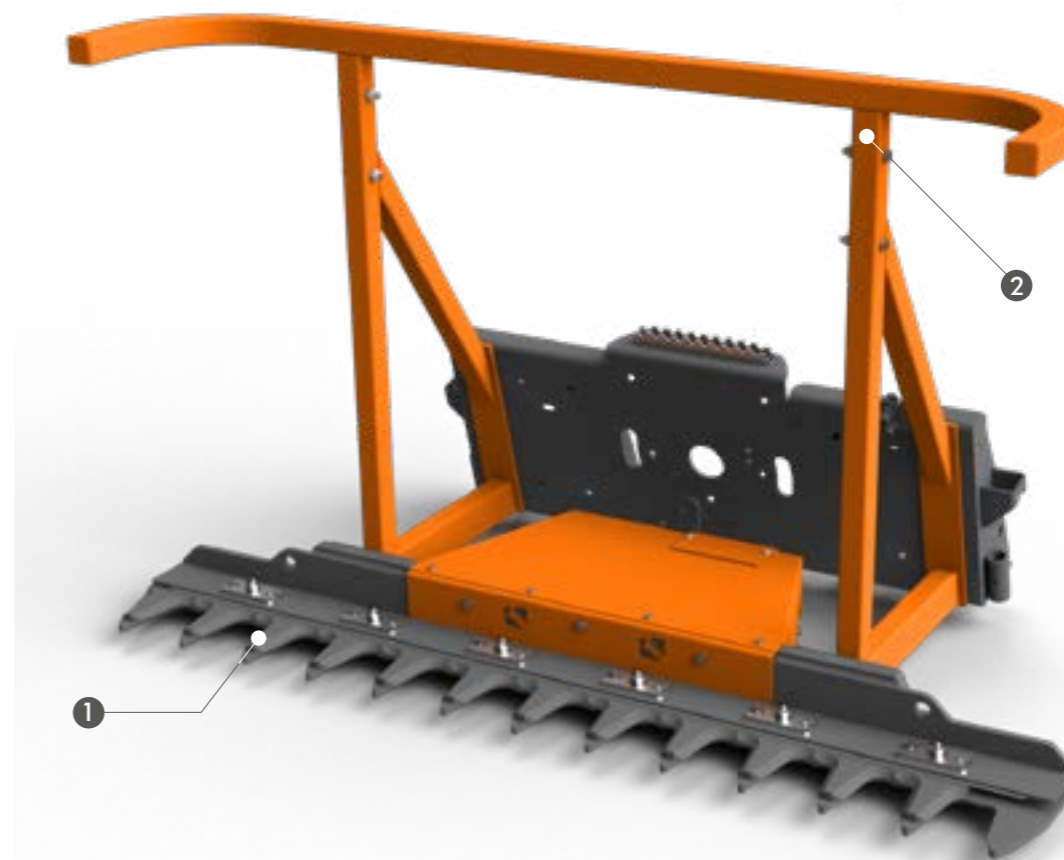
SUITABLE FOR THE TREE PRUNING UP TO 100 MM (3,9 IN). IT DOES NOT HARM THE PLANT, BECAUSE IT CUTS SHARPLY AND PRECISELY WITHOUT UPROOTING THE BRANCH. THE BAR'S BLADES IN HB450 GRANT RESISTANCE AND EXTENDED USEFUL LIFE.



	MOD.	BTCF 50-150		BTCF 100-190		BTCF 100-220	
A	MM (IN)	1500	(59)	1900	(75)	2200	(86,6)
B	MM (IN)	50	(2)	100	(3,9)	100	(3,9)
C	MM (IN)	670	(26,4)	810	(31,8)	810	(31,8)
D	MM (IN)	130	(5,1)	155	(6,6)	155	(6,6)
	KG (LB)	175	(386)	260	(574)	285	(629)
	MAX BAR (PSI)	250	(3626)	250	(3626)	250	(3626)
	MIN L/MIN (GAL/MIN)	40	(11)	50	(11)	50	(11)
	MAX L/MIN (GAL/MIN)	90	(23,7)	90	(23,7)	90	(23,7)



3



1

2

STANDARD TECHNICAL FEATURES

1 HB450 BLADE
HB450 BLADES FOR A HIGHER RESISTANCE TO WEAR.

2 FRONT PROTECTION FRAME
THE ADJUSTABLE PROTECTION FRAME ENSURES THAT THE PLANT FALLS AWAY FROM THE OPERATOR.

OPTIONAL

3 ARTICULATED LOADERS HITCH

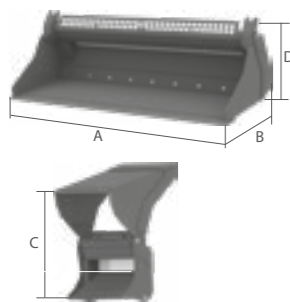


VIDEO



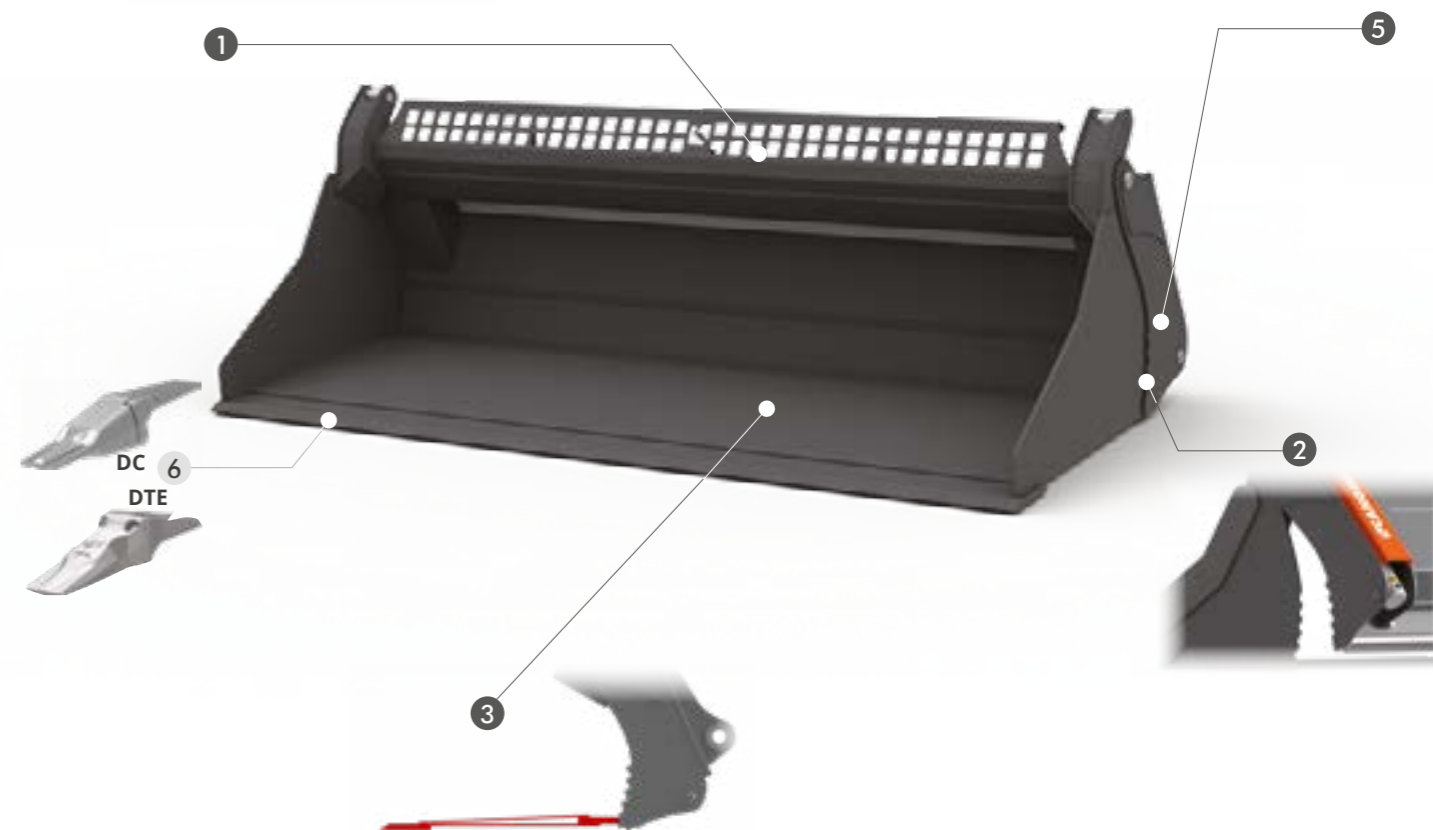
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

SUITABLE FOR LOADING, UNLOADING AND HANDLING OPERATIONS. THANKS TO ITS HYDRAULIC OPENING IT IS SUITABLE ALSO FOR VARIOUS MATERIAL GRABBING, WASTE DISCHARGE CONTROL AND GROUND LEVELLING.



	MOD.	M4-102	M4-110	M4-125	M4-140	M4-152	M4-170	M4-188	M4-200	M4-215
A	MM (IN)	1020 (40)	1100 (43)	1250 (49)	1400 (55)	1520 (60)	1700 (67)	1880 (74)	2000 (79)	2150 (85)
B	MM (IN)	850 (33)	850 (33)	850 (33)	850 (33)	850 (33)	950 (37)	950 (37)	950 (37)	950 (37)
C	MM (IN)	500 (20)	500 (20)	500 (20)	500 (20)	500 (20)	550 (22)	550 (22)	550 (22)	550 (22)
D	MM (IN)	650 (26)	650 (26)	650 (26)	650 (26)	650 (26)	700 (28)	700 (28)	700 (28)	700 (28)
W/O COUPLER	KG (LB)	240 (529)	250 (551)	265 (584)	285 (628)	300 (661)	370 (816)	390 (860)	410 (904)	440 (970)
SAE CAP.	L (GAL)	265 (70)	290 (76,6)	330 (87,2)	375 (99,1)	410 (108,3)	490 (129,4)	550 (145,3)	580 (153,2)	630 (166,4)

		M4-102	M4-110	M4-125	M4-140	M4-152	M4-170	M4-188	M4-200	M4-215
N.		5	5	6	6	6	7	7	8	8
5 DC TEETH		DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)	DC 1 (KG 1,4)
5 DTE TEETH		DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)	DTE 13 (KG 1,7)



STANDARD TECHNICAL FEATURES

- SAFETY CHECK-VALVE**
IT ALLOWS TO KEEP THE TOOL SAFE EVEN IN CASE OF DAMAGE OF THE PIPES OR PRESSURE LOSS IN THE SYSTEM.
- SIDE TOTHING**
ITS PROFILE ENABLES TO KEEP THE GRABBED MATERIAL.
- HB400 REINFORCEMENT STRIPES AND CUTTING EDGE**
THEY GRANT HIGH RESISTANCE AGAINST DEFORMATION OF THE MORE STRESSED PARTS.
- HYDRAULIC SYSTEM INTEGRATED INTO THE BODY**
IT'S INTEGRATED INTO THE BODY THUS PROTECTING PIPES FROM DAMAGES DURING THE WORKING PHASE.

OPTIONAL

- DC TEETH DTE TEETH**



FRONT PALLET FORK FOR SKID, WHEEL, TELEHANDLER AND BACKHOE LOADERS. EQUIPPED WITH A SAFETY SYSTEM TO AVOID THE TILTING OF LOADS DURING ITS USE.

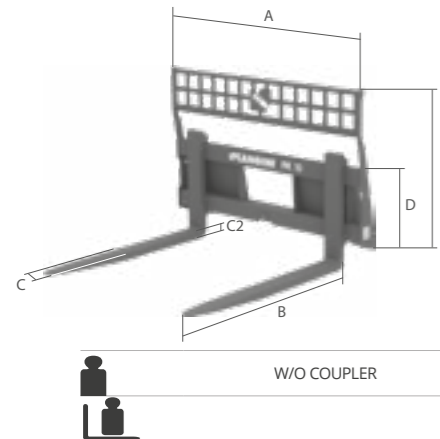


STANDARD TECHNICAL FEATURES

- 1 PROTECTION FRAME**
IT PROTECTS THE OPERATOR, AVOIDING THE FALLING OF THE HANDLED MATERIAL INSIDE THE SKID LOADER'S CAB

OPTIONAL

- 2 COUPLING SYSTEM FOR WHEEL LOADERS, BACKHOE LOADERS AND TELEHANDLERS**



	MOD.	FK8	FK10S	FK10	FK15	FK18	FK25	
A	MM (IN)	960 (45)	1150 (45)	1150 (45)	1150 (45)	1350 (53)	1350 (53)	
B	MM (IN)	1000 (39)	1000 (39)	1200 (47)	1200 (47)	1200 (47)	1200 (47)	
C	MM (IN)	80 (3,1)	80 (3,1)	80 (3,1)	100 (3,9)	100 (3,9)	100 (3,9)	
C2	MM (IN)	30 (1,2)	30 (1,2)	30 (1,2)	35 (1,4)	35 (1,4)	40 (1,6)	
D	MM (IN)	406 (16)	406 (16)	406 (16)	406 (16)	406 (16)	406 (16)	
E	MM (IN)	794 (31,2)	820 (32)	820 (32)	820 (32)	820 (32)	820 (32)	
	W/O COUPLER	KG (LB)	170 (374,7)	170 (265)	182 (276)	210 (364)	230 (397)	240 (430)
		KG (LB)	1000 (2205)	1000 (2205)	1000 (2205)	1500 (3307)	1800 (3968)	2500 (5512)



MIX-SF FRONTAL MIXING BUCKET SAFE DISCHARGE



SKID LOADER

MINI SKID

WHEEL LOADER

BACKHOE LOADER

TELEHANDLER



PATENTED



HB400



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

GEARBOX TRANSMISSION DELIVERS HIGH PERFORMANCE AND DOES NOT REQUIRE CONTINUOUS MAINTENANCE INTERVENTIONS. THE USE OF DUAL CROSS RELIEF AND FLOW DIVIDER VALVES GRANTS EFFECTIVENESS AND RELIABILITY EVEN IN THE MOST DIFFICULT WORK CONDITIONS.



STANDARD TECHNICAL FEATURES

1 SAFE LOCKING/DISCHARGE (PATENTED)

THE OPERATOR LOCKS THE DISCHARGE PIPE FROM THE BUCKET'S SIDE IN THE SAFEST WORK CONDITION.

2 CONTROL ROD FOR THE DISCHARGE PIPE

IT ENABLES THE PIPE'S DISPLACEMENT FOR THE SIDE POURING.

3 AUGER REMOVAL

THE BUCKET'S BODY HAS BEEN DESIGNED IN A SUCH WAY THAT THE ENTIRE AUGER CAN BE REMOVED THUS MAKING THE MAINTENANCE OPERATION EASIER.

4 GEARMOTOR

IT GUARANTEES HIGH PERFORMANCES TO THE ENTIRE SYSTEM.

5 ELECTRIC KIT

IT ALLOWS THE CONTROL BOTH OF THE MIXING AND THE DISCHARGE OPERATIONS FROM THE CAB.



OPTIONAL

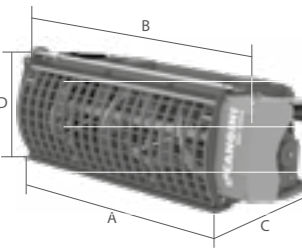
6 ARTICULATED LOADERS, BACKHOE LOADERS AND TELEHANDLER HANDLERS HITCH

IT'S POSSIBLE TO ADD THE HITCH FOR ARTICULATED LOADERS, BACKHOE LOADERS AND TELEHANDLER HANDLERS TO THE SKID LOADER HITCH PROVIDED WITH THE STANDARD EQUIPMENT.

7 FLOWRATE REDUCERS

COMPULSORY FOR MACHINES WITH OILFLOW EXCEEDING THE REQUIRED ONE

8 14 (A) OR 8 PIN (B) CONNECT



	MOD.	MIX 150SF.2	MIX 200SF.2	MIX 250SF.2	MIX 350SF.2	MIX 450SF.2	MIX 600SF.2	MIX 800SF.2	MIX 1000SF.2	MIX 1200SF.2	
A MM (IN)		1000 (39)	1100 (43)	1350 (53)	1350 (53)	1670 (66)	1750 (69)	1830 (72)	2000 (79)	2000 (79)	
B MM (IN)		1265 (49,8)	1360 (53,5)	1610 (63,3)	1630 (64)	1946 (77)	2018 (79)	2230 (87,7)	2440 (96)	2440 (96)	
C MM (IN)		620 (24)	650 (26)	650 (26)	720 (28)	720 (28)	835 (33)	910 (36)	990 (39)	1100 (43)	
D MM (IN)		530 (21)	580 (23)	610 (24)	680 (27)	680 (27)	800 (31)	840 (33)	910 (36)	980 (39)	
	W/O COUPLER	KG (LB)	260 (573)	315 (694)	350 (771)	370 (816)	425 (937)	555 (1223)	675 (1488)	850 (1874)	905 (1995)
		KG (LB)	600 (1323)	775 (1708)	925 (2039)	1175 (2590)	1460 (3219)	1930 (4254)	2515 (5545)	3150 (6944)	3665 (8080)
		L (GAL)	150 (39,6)	200 (52,8)	250 (66)	350 (92,5)	450 (118,9)	600 (158,5)	800 (211,3)	1000 (264,2)	1200 (317)
	DISCHARGE PIPE	MM (IN)	210 (8)	210 (8)	210 (8)	210 (8)	210 (8)	210 (8)	210 (8)	210 (8)	
	MAX	L/MIN (GAL/MIN)	70 (19)	70 (19)	70 (19)	70 (19)	70 (19)	70 (19)	70 (19)	100 (26)	
	MAX	BAR (PSI)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	200 (2901)	



LN STANDARD FRONTAL SNOW BLADE



SKID LOADER

MINI SKID

WHEEL LOADER

BACKHOE LOADER

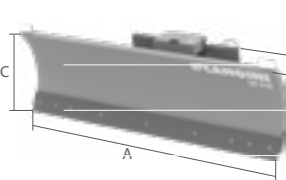
TELEHANDLER

TRACTOR

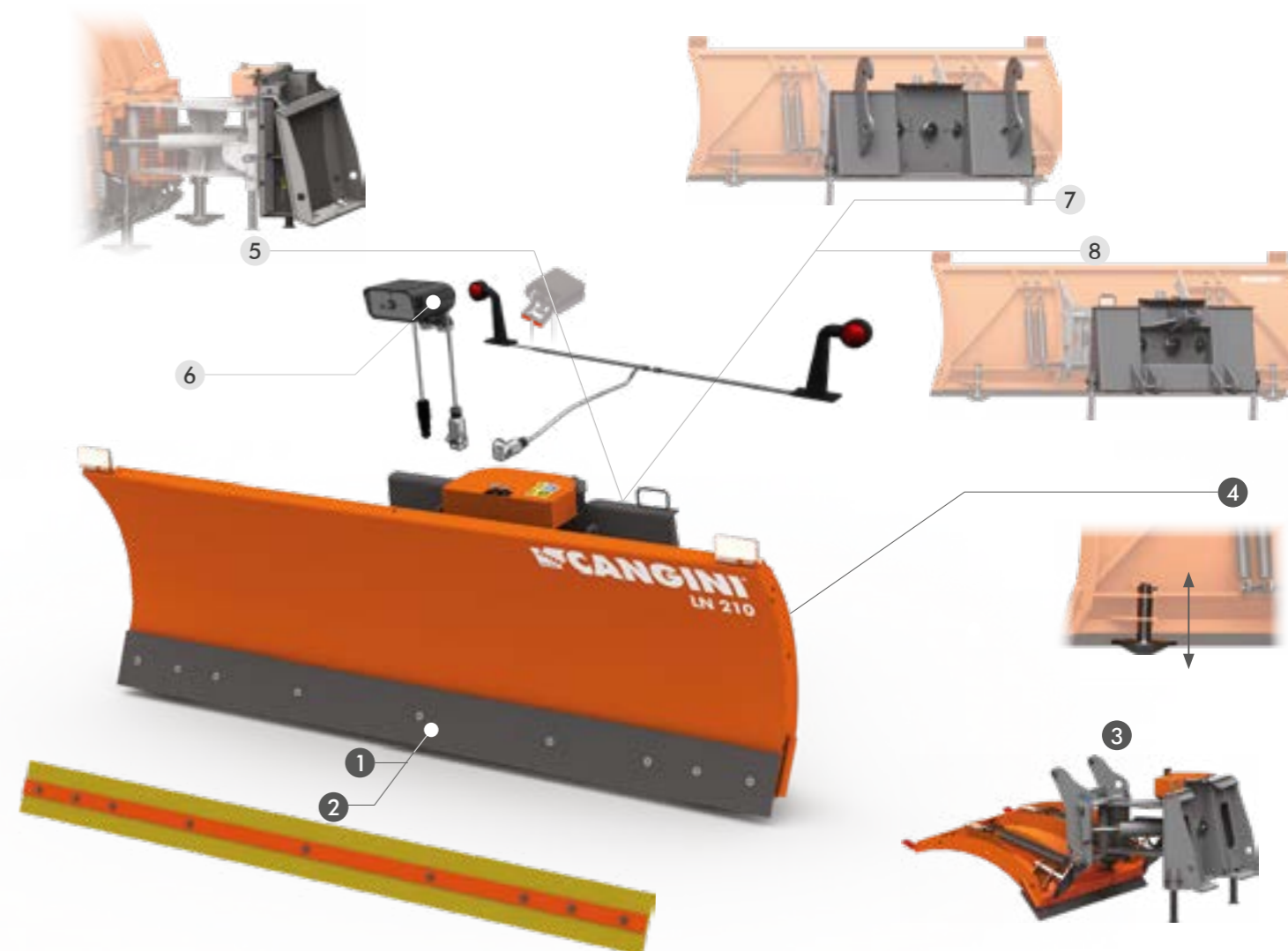


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

EQUIPPED WITH ANTI-SHOCK VALVES. HYDRAULIC ANGLE ADJUSTMENT OF ± 30°, SELF-LEVELLING TO THE ROAD OF ± 10° AND ADJUSTABLE SHOES. ENTIRE MOLDBOARD OVERTURNING IN CASE OF COLLISION AND SPRING RETURN.



MOD.	LN 130	LN 160	LN 185	LN 210	LN 250	LN 250HD	LN 270HD	LN 290HD	LN 310HD
A MM (IN)	700 (28)	700 (28)	700 (28)	700 (28)	700 (28)	900 (35)	900 (35)	900 (35)	900 (35)
B MM (IN)	810 (32)	810 (32)	810 (32)	810 (32)	810 (32)	740 (29)	740 (29)	740 (29)	740 (29)
C MM (IN)	1305 (51)	1605 (63)	1855 (73)	2105 (83)	2505 (99)	2505 (99)	2705 (106)	2905 (114)	3105 (122)
WIDTH AT 15°	MM (IN) 1125 (44)	1385 (55)	1605 (63)	1820 (72)	2165 (85)	2165 (85)	2350 (93)	2510 (99)	2690 (106)
W/O COUPLER	KG (LB) 285 (628)	300 (661)	315 (694)	330 (728)	355 (783)	665 (1466)	685 (1510)	700 (1543)	720 (1587)
MAX.	BAR (PSI) 180 (2611)	180 (2611)	180 (2611)	180 (2611)	180 (2611)	180 (2611)	180 (2611)	180 (2611)	180 (2611)



STANDARD TECHNICAL FEATURES

- 1 INTERCHANGEABLE REVERSIBLE BLADE.**
BOLTED-IN REVERSIBLE HB400 BLADE.
- 2 POLYURETHANE BLADE**
SUITABLE FOR SURFACES THAT OTHERWISE MIGHT BE DAMAGED.
- 3 MOLDBOARD OVERTURNING AND SPRING RETURN**
IN CASE OF A SHOCK THE ENTIRE MOLDBOARD OVERTURNS THUS ALLOWING TO OVERCOME THE OBSTACLE.
- 4 ADJUSTABLE SHOES**
THE HEIGHT BETWEEN THE BLADE AND THE GROUND SURFACE CAN BE ADJUSTED.

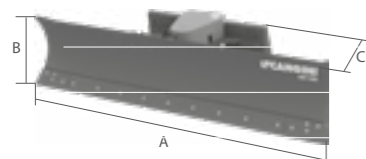
OPTIONAL

- 5 COMPACT FLOATING SYSTEM**
IT ENABLES THE BLADE TO FOLLOW THE FEATHER-EDGE WITHOUT MANUAL ADJUSTMENT OF ITS POSITION.
- 6 OVERALL BLADE WIDTH LIGHT KIT**
THE SIDE DIMENSIONS OF THE BLADE ARE VISUALLY PERCEIVED.
- 7 COUPLING SYSTEM FOR WHEEL LOADERS, BACKHOE LOADERS AND TELEHANDLERS**
- 8 3-POINT LINKAGE**

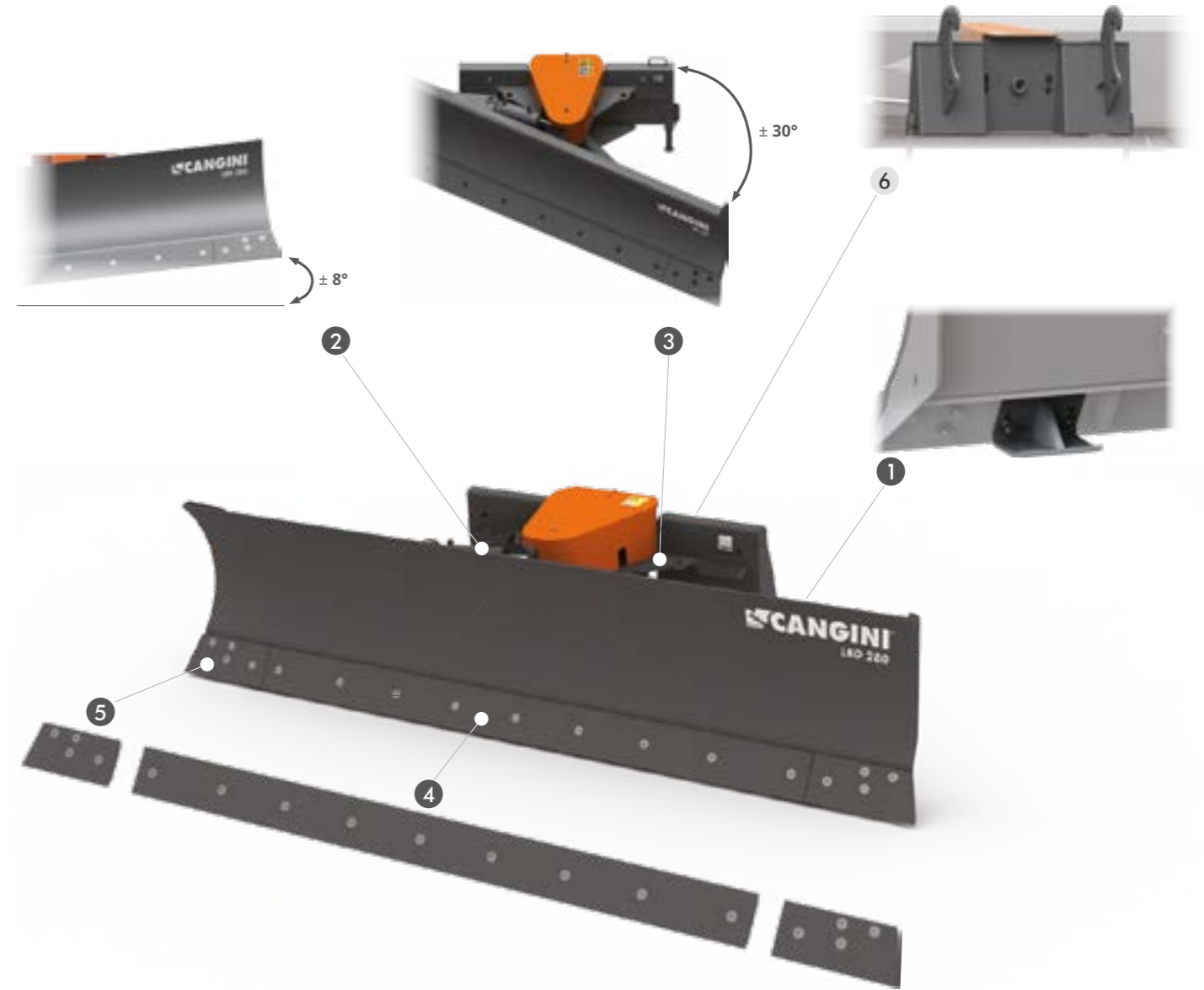


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE DOZER BLADE IS PARTICULARLY SUITABLE FOR DIGGING, GROUND LEVELLING AND LAYING OF LANDFILL MATERIALS. ITS STRUCTURE IS EXTREMELY STRONG AND CONCEIVED TO RESIST HIGH STRESSES. IT IS EQUIPPED WITH A HORIZONTAL PLANE TILTING SYSTEM CALLED TILT AND WITH A SIDE TILTING SYSTEM CALLED ANGLE. TWO SKID SHOES ON THE MOLDBOARD ALLOW THE ADJUSTMENT OF THE BLADE SINKING INTO THE GROUND.



	MOD.	LBD230		LBD250		LBD280	
A	MM (IN)	2300 (91)	2500 (98)	2800 (110)			
B	MM (IN)	640 (25)	640 (25)	640 (25)			
C	MM (IN)	800 (31)	800 (31)	800 (31)			
WIDTH AT 30°	MM (IN)	2000 (79)	2170 (85)	2420 (95)			
W/O COUPLER	KG (LB)	420 (926)	460 (1014)	500 (1102)			
MAX.	BAR (PSI)	200 (2901)	200 (2901)	200 (2901)			



STANDARD TECHNICAL FEATURES

- 1 ADJUSTABLE SHOES**
THEY ALLOW TO ADJUST THE BLADE PENETRATION INTO THE SOIL.
- 2 TILT HORIZONTAL HYDRAULIC TILTING ADJUSTMENT OF ± 8°**
HYDRAULIC ADJUSTMENT UP TO MAX. ± 8° OF THE BLADE VERTICAL TILTING ANGLE ON BOTH SIDES.
- 3 ANGLE SIDE HYDRAULIC TILTING ADJUSTMENT OF ± 30°**
HYDRAULIC ADJUSTMENT UP TO MAX. ± 30° OF THE BLADE HORIZONTAL TILTING ANGLE ON BOTH SIDES.
- 4 REVERSIBLE AND INTERCHANGEABLE CENTRAL BLADE IN HB400**
- 5 INTERCHANGEABLE ANGLE BLADES IN HB400**

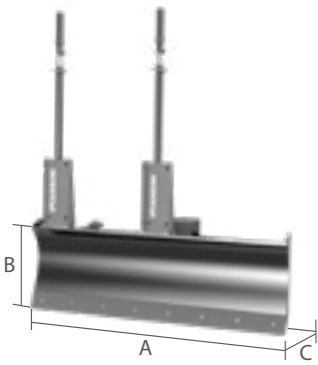
OPTIONAL

- 6 COUPLING SYSTEM FOR WHEEL LOADERS, BACKHOE LOADERS AND TELEHANDLERS**

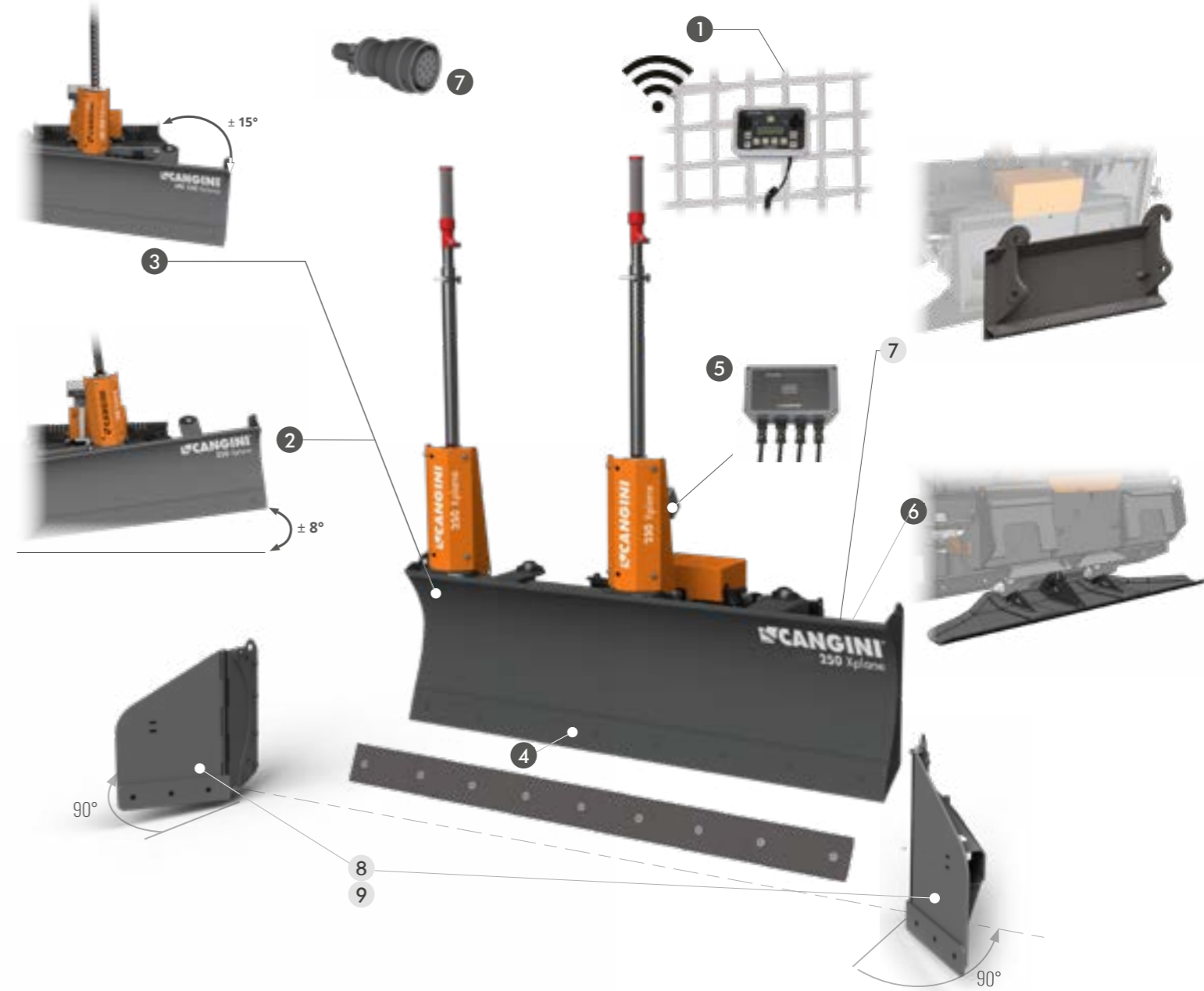


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE LASER DOZER SYSTEM CAN RELY ON THE SAME CHARACTERISTICS OF VERSATILITY AND RESISTANCE AS THE STANDARD DOZER BLADE, BUT IT ALSO ALLOWS CREATING A PLANE THANKS TO A DOUBLE-SLOPE LASER TRANSMITTER. TAKING ITS EFFECT DIRECTLY ON THE ELECTRO-PROPORTIONAL DISTRIBUTOR, THE TRANSMITTER DRIVES THE BLADE. THE OPERATOR'S TERMINAL INSIDE THE CAB CONVEYS THE CONTROLS TO THE CONTROL BOX BY WIRELESS COMMUNICATION. THIS ALLOWS TO CLOSE THE CAB AVOIDING CABLE OBSTACLE.



	MOD.	DOZER230 XPLANE LASER	DOZER250 XPLANE LASER	DOZER280 XPLANE LASER
A	MM (IN)	2300 (90,5)	2500 (98,4)	2800 (110,2)
	B	MM (IN)	720 (28,3)	720 (28,3)
	C	MM (IN)	870 (34,2)	870 (34,2)
	WIDTH AT 15°	MM (IN)	2200 (86,6)	2400 (94,4)
	W/O COUPLER	KG (LB)	695 (1532,2)	717 (1580,7)
	MAX.	BAR (PSI)	220 (3190,8)	220 (3190,8)



STANDARD TECHNICAL FEATURES

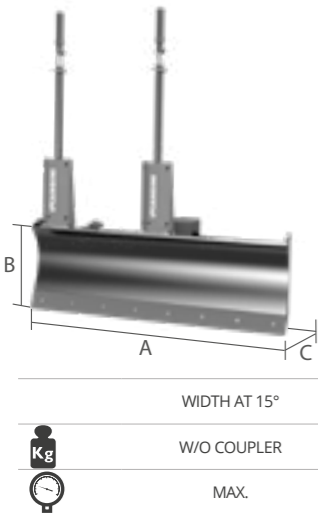
- 1 WIRELESS OPERATOR'S TERMINAL**
IT ALLOWS TO CONTROL THE BLADE IN ALL ITS FUNCTIONS DIRECTLY FROM THE CAB.
- 2 TILT HORIZONTAL HYDRAULIC TILTING ADJUSTMENT OF ± 8°**
HYDRAULIC ADJUSTMENT UP TO MAX. ± 8° OF THE BLADE VERTICAL TILTING ANGLE ON BOTH SIDES.
- 3 ANGLE SIDE HYDRAULIC TILTING ADJUSTMENT OF ± 15°**
HYDRAULIC ADJUSTMENT UP TO MAX. ± 15° OF THE BLADE HORIZONTAL TILTING ANGLE ON BOTH SIDES.
- 4 REVERSIBLE AND INTERCHANGEABLE CENTRAL CUTTING EDGE IN HB400**
- 5 CONTROL BOX**
IT ALLOWS THE CONSTANT VIEW THE BLADE POSITIONING WITH RESPECT TO THE LASER SIGNAL AND INDICATES THE ADJUSTMENTS MANUALLY OR AUTOMATICALLY OPERATED.
- 6 STABILIZING SKID**
IT REDUCES CONSIDERABLY THE MACHINE'S PITCHING, IMPROVING THE FINISHING OF THE LEVELLED SURFACE.
- 7 14 PIN CONNECTOR SUPPLIED NOT WIRED**

OPTIONAL

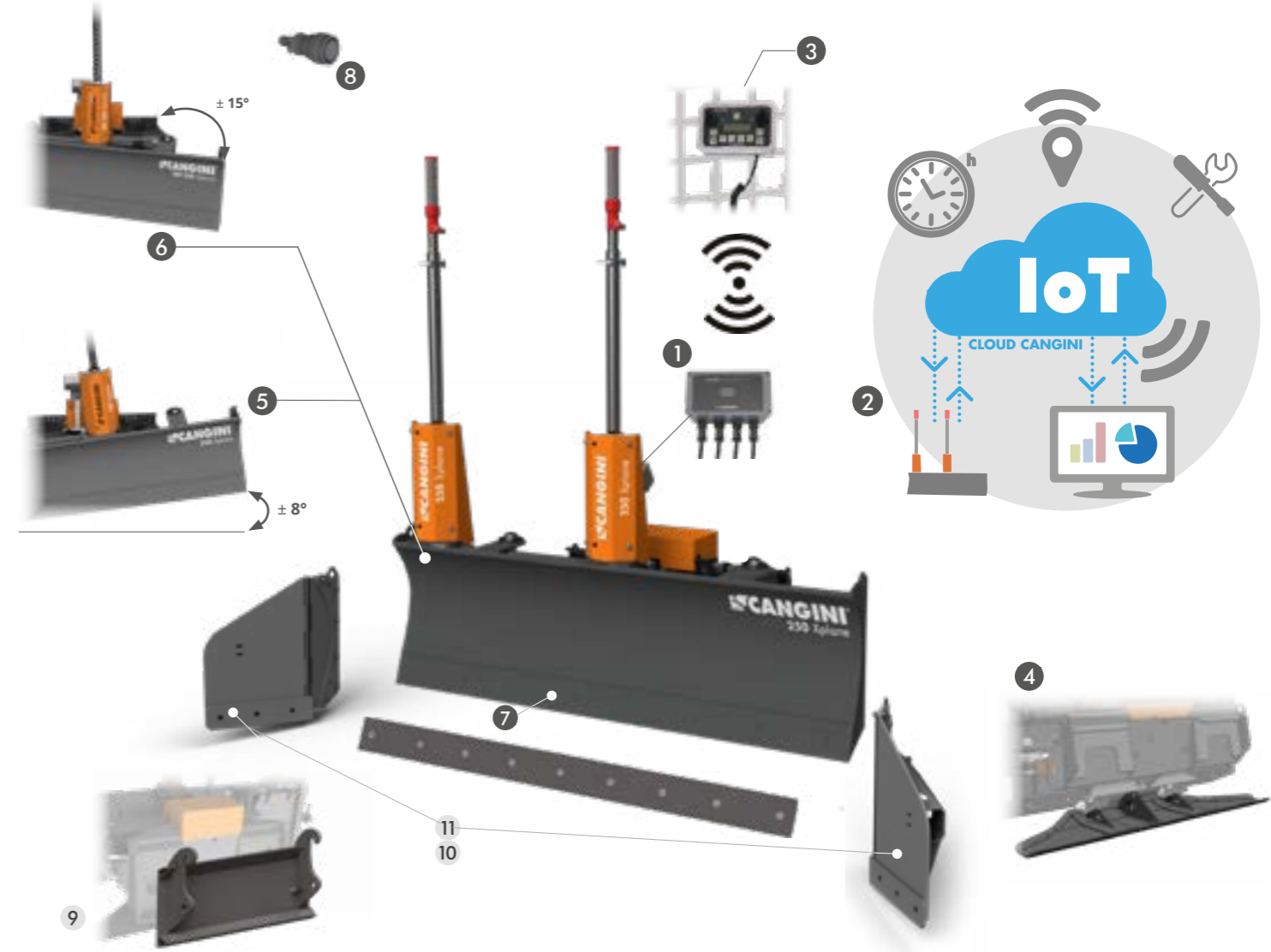
- 7 ARTICULATED LOADERS HITCH**
- 8 MECHANICAL ADDITIONAL SIDES**
- 9 HYDRAULIC ADDITIONAL SIDES**



ALL XPLANE LASER DOZER BLADE MODELS ARE EQUIPPED WITH A CANGINI CLOUD CONNECTION SYSTEM THANKS TO THE IOT (INTERNET OF THINGS) TECHNOLOGY. THE NEW CONNECTED ONBOARD CONTROL BOX, AUTOMATICALLY COLLECTS ACTIVITY DATA TO PROVIDE A COMPLETE AND UPDATED VIEW OF EQUIPMENT ACTIVITY IN REAL TIME : WORKING HOURS, POSITION AND MOVEMENTS, MODE OF USE OF THE BLADE (AUTOMATIC OR MANUAL), DIAGNOSTICS. THROUGH THE CLOUD SYSTEM, CANGINI MAY ASSIST YOU TO CORRECT AND IMPROVE WORKING PARAMETERS OF THE BLADE. THE SYSTEM ALERTS ON REGULAR MAINTENANCE OPERATION REQUIRED, ALSO COMMUNICATED BY EMAIL. IN CASE OF THEFT IT IS POSSIBLE TO LOCK THE AUTOMATIC FUNCTIONALITY OF YOUR BLADE.



	MOD.	DOZER230 XPLANE LASER IOT	DOZER250 XPLANE LASER IOT	DOZER280 XPLANE LASER IOT
A	MM (IN)	2300 (90,5)	2500 (98,4)	2800 (110,2)
B	MM (IN)	720 (28,3)	720 (28,3)	720 (28,3)
C	MM (IN)	870 (34,2)	870 (34,2)	870 (34,2)
	WIDTH AT 15°	2200 (86,6)	2400 (94,4)	2700 (106,3)
	W/O COUPLER	695 (1532,2)	717 (1580,7)	736 (1622,6)
	MAX.	220 (3190,8)	220 (3190,8)	220 (3190,8)



STANDARD TECHNICAL FEATURES

- 1 CONTROL BOX**
IT ALLOWS THE CONSTANT VIEW THE BLADE POSITIONING WITH RESPECT TO THE LASER SIGNAL AND INDICATES THE ADJUSTMENTS MANUALLY OR AUTOMATICALLY OPERATED.
- 2 IOT SYSTEM**
CANGINI CLOUD CONNECTION SYSTEM RECEIVES AND PROCESSES EQUIPMENT ACTIVITY DATA. ACCESS AND 36-MONTH SUBSCRIPTION AND SIM CARD WITH DATA TRAFFIC ARE INCLUDED.
- 3 WIRELESS OPERATOR'S TERMINAL**
IT ALLOWS TO CONTROL THE BLADE IN ALL ITS FUNCTIONS DIRECTLY FROM THE CAB. OPERATOR'S TERMINAL, INSIDE THE CAB, TRANSMITS COMMANDS TO THE CONTROL BOX THROUGH WIRELESS COMMUNICATION. THIS ALLOWS THE CAB TO BE CLOSED WITHOUT WIRES OBSTACLE.
- 4 STABILIZING SKID**
IT REDUCES CONSIDERABLY THE MACHINE'S PITCHING, IMPROVING THE FINISHING OF THE LEVELLED SURFACE. IT IS POSSIBLE TO ADJUST GROUND PRESSURE.
- 5 TILT HORIZONTAL HYDRAULIC TILTING ADJUSTMENT OF ± 8°**
HYDRAULIC ADJUSTMENT ± 8° OF THE BLADE VERTICAL TILTING ANGLE ON BOTH SIDES.
- 6 ANGLE SIDE HYDRAULIC TILTING ADJUSTMENT OF ± 15°**
HYDRAULIC ADJUSTMENT ± 15° OF THE BLADE TILTING ANGLE ON BOTH SIDES.
- 7 REVERSIBLE AND INTERCHANGEABLE HB400 BLADE**
- 8 14 PIN CONNECTOR SUPPLIED NOT WIRED**

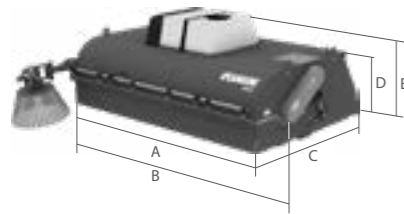
OPTIONAL

- 9 ARTICULATED LOADERS HITCH**
- 10 MECHANICAL ADDITIONAL SIDES**
- 11 HYDRAULIC ADDITIONAL SIDES**

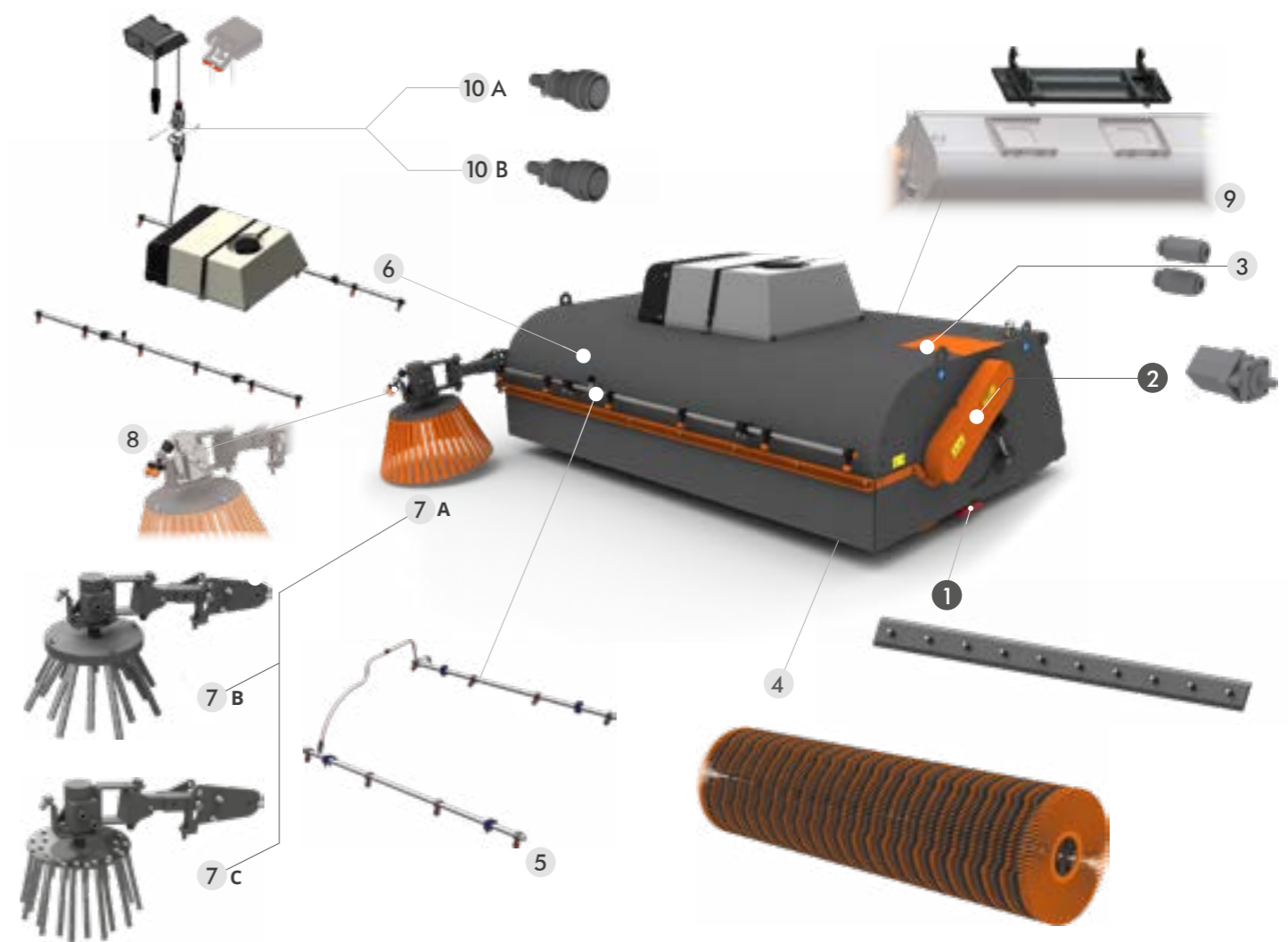


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

PARTICULARLY SUITABLE FOR HEAVY WORKS. IT IS EQUIPPED WITH A WASTE COLLECTION TANK WITH REVERSIBLE AND AND WITH BOLT-ON REVERSIBLE CUTTING EDGE. SWEEPING ROLL ADJUSTABLE HEIGHT.



	MOD.	SPZ120	SPZ140	SPZ160	SPZ180	SPZ210	SPZ230
A	MM (IN)	1200 (48)	1400 (55)	1600 (63)	1800 (71)	2100 (83)	2300 (91)
B	MM (IN)	1320 (52)	1550 (61)	1750 (69)	1950 (77)	2250 (89)	2450 (96)
C	MM (IN)	930 (37)	1390 (55)	1390 (55)	1390 (55)	1390 (55)	1390 (55)
D	MM (IN)	475 (19)	625 (25)	625 (25)	625 (25)	625 (25)	625 (25)
E	MM (IN)	600 (24)	860 (34)	860 (34)	860 (34)	860 (34)	860 (34)
W/O COUPLER	KG (LB)	190 (418)	300 (661)	330 (728)	360 (794)	415 (915)	450 (992)
FULL-LOAD	L (GAL)	80 (21)	380 (100,4)	440 (116,2)	490 (129,4)	570 (150,6)	630 (166,4)
	MM (IN)	450 (18)	550 (22)	550 (22)	550 (22)	550 (22)	550 (22)
	N.	24 + 2	28 + 2	32 + 2	37 + 2	43 + 2	48 + 2
	L/MIN (GAL/MIN)	50 (13)	50 (13)	50 (13)	60 (16)	70 (19)	70 (19)
MAX	BAR (PSI)	180	180 (2611)	180 (2611)	180 (2611)	180 (2611)	180 (2611)



STANDARD TECHNICAL FEATURES

- 1 **BOLT-ON REVERSIBLE HB400 CUTTING EDGE (SPZ120 EXCLUDED)**
- 2 **ENGINE WITH SQUARE FLANGES AND DISK GEARBOX**

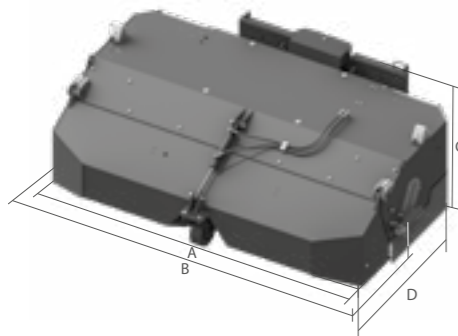
OPTIONAL

- 3 **FLOWRATE REDUCERS**
MANDATORY ON HIGHFLOW MACHINES OR WITH OILRATE HIGHER THAN 70 L/MIN.
- 4 **PPL + STEEL BRUSH**
FOR PARTICULARLY ABRASIVE SURFACES. (SPZ120 EXCLUDED).
- 5 **INSIDE AND OUTSIDE SPRINKLERS**
THE KIT DOES NOT INCLUDE THE WATER TANK AND THE PRESSURE WATER PUMP. IT CAN BE EMPLOYED ONLY WHEN THE MACHINE ITSELF IS EQUIPPED WITH A WATER TANK. (ONLY EXTERNAL ON SPZ120)
- 6 **DUST-CONTROL SYSTEM WITH TANK AND PUMP**
PRESSURIZED WATER SYSTEM WITH TANK FOR THE CONTROL OF DUSTS PRODUCED DURING THE WORKING CYCLE. SPRINKLERS ARE POSITIONED INSIDE AND OUTSIDE THE SWEEPER. (ONLY EXTERNAL ON SPZ120)
- 7 **PPL BRUSH (A) STEEL BRUSH + RUBBER PLATE (B) STEEL BRUSH + STEEL PLATE (C) (SPZ120 EXCLUDED)**
INDICATED FOR CURBS, WALLS AND SIDEWALKS CLEANING.
- 8 **SPRINKLERS FOR SIDE BRUSH (SPZ120 EXCLUDED)**
- 9 **HITCH FOR ARTICULATED LOADERS, BACKHOE LOADERS AND TELEHANDLER HANDLERS.**
- 10 **14 (A) OR 8 PIN (B) CONNECT**

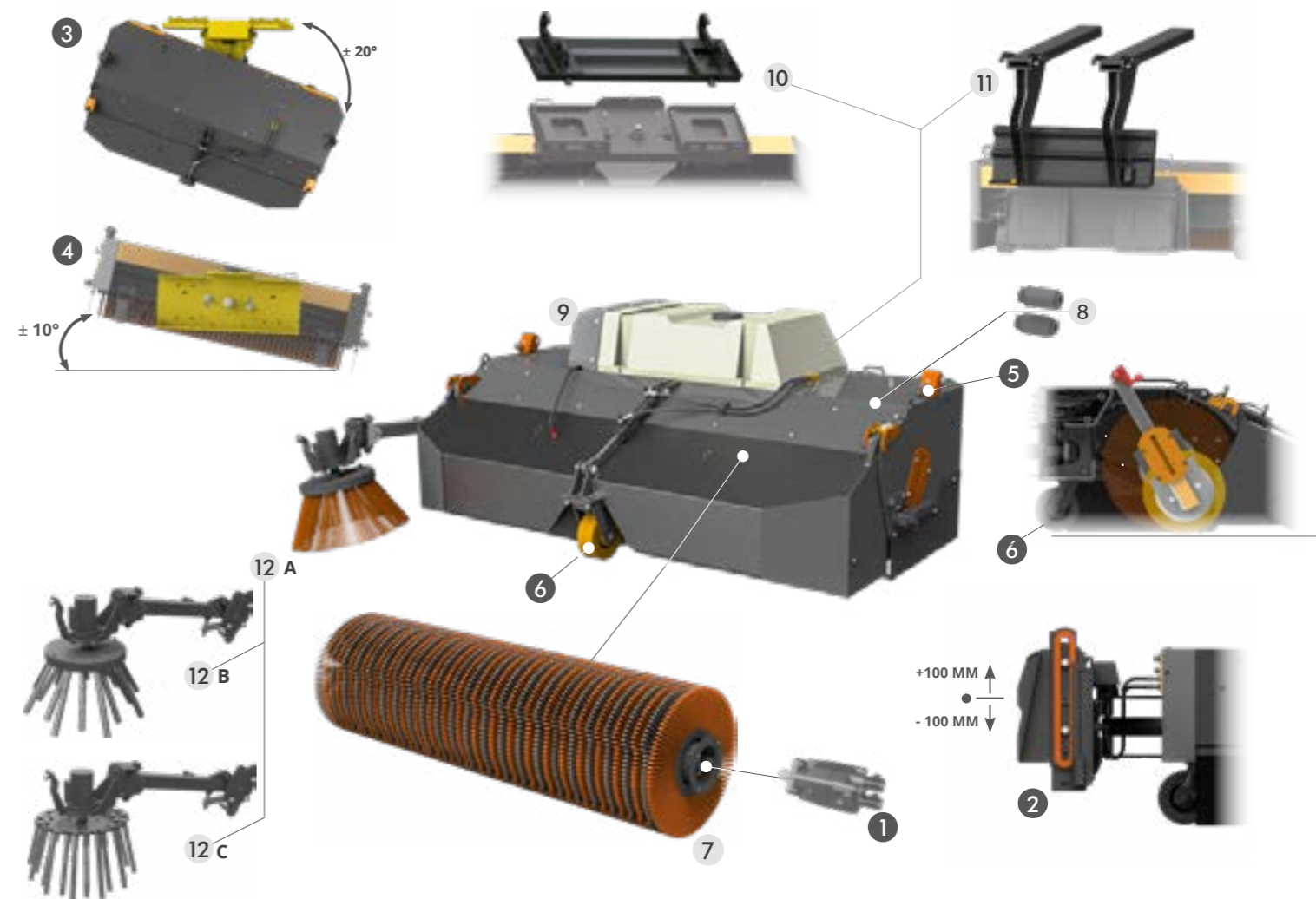


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

IT IS PERFECT FOR THE MAINTENANCE AND CLEANING OF OPEN SURFACES, FLOORS, INDUSTRIAL HALLS AND STREETS THAT REQUIRE A HIGH-LEVEL CLEANING.



	MOD.	EASY SWEEPY S160	EASY SWEEPY S180	EASY SWEEPY S210	EASY SWEEPY S230	
A	MM (IN)	1600 (62,99)	1800 (70,86)	2100 (82,67)	2300 (90,55)	
B	MM (IN)	1850 (72,83)	2050 (80,70)	2350 (92,51)	2550 (100,39)	
C	MM (IN)	800 (31,4)	800 (31,4)	800 (31,4)	800 (31,4)	
D	MM (IN)	1710 (67,32)	1710 (67,32)	1710 (67,32)	1710 (67,32)	
	W/O COUPLER	KG (LB)	610 (1344,82)	640 (1410,96)	675 (1488,12)	700 (1543,24)
	MAX.	L (GAL)	135 (35,66)	150 (39,62)	180 (47,55)	200 (52,83)
		MM (IN)	600 (23,62)	600 (23,62)	600 (23,62)	600 (23,62)
		N.	32 + 2	37 + 2	43 + 2	48 + 2
	MAX.	L/MIN (GAL/MIN)	70 (18,49)	70 (18,49)	70 (18,49)	70 (18,49)
	MAX.	BAR (PSI)	250 (3625,94)	250 (3625,94)	250 (3625,94)	250 (3625,94)



SPECIFICHE TECNICHE STANDARD

1 ENGINE WITH SQUARE FLANGES AND DISK GEARBOX

SHAFT WITH INTEGRATED ENGINE

2 COMPACT FLOATING SYSTEM 200 MM

IT ALLOWS THE SWEEPER TO FOLLOW THE GROUND AND BETTER THE FINAL RESULT. DESIGNED FOR MACHINES SUCH AS LOADERS AND TELESCOPIC LOADERS.

3 ANGLE SIDE HYDRAULIC TILTING ADJUSTMENT OF ± 20°

IT ALLOWS THE HYDRAULIC ADJUSTMENT OF THE TILTING ANGLE UP TO A MAX. OF +/-20° ON EACH SIDE.

4 TILT - HORIZONTAL MECHANICAL TILTING ADJUSTMENT OF ±10°

IT ALLOWS THE MECHANICAL ADJUSTMENT OF THE WORKING PLANE TILTING ANGLE UP TO A MAX. OF +/- 10° ON EACH SIDE.

5 ROLLER PRESSURE ADJUSTMENT SYSTEM

6 PIVOTING WHEELS

OPTIONAL

7 PPL+STEEL BRUSH KIT

RECOMMENDED FOR THE CLEANING OF PARTICULARLY ABRASIVE SURFACES.

8 FLOWRATE REDUCERS

MANDATORY ON HIGHFLOW MACHINES OR WITH OILRATE HIGHER THAN 70 L/MIN.

9 DUST-CONTROL SYSTEM WITH TANK AND PUMP

PRESSURIZED WATER SYSTEM WITH TANK FOR THE CONTROL OF DUSTS PRODUCED DURING THE WORKING CYCLE. SPRINKLERS ARE POSITIONED INSIDE THE SWEEPER

10 ARTICULATED LOADERS, BACKHOE LOADERS AND TELEHANDLER HANDLERS HITCH

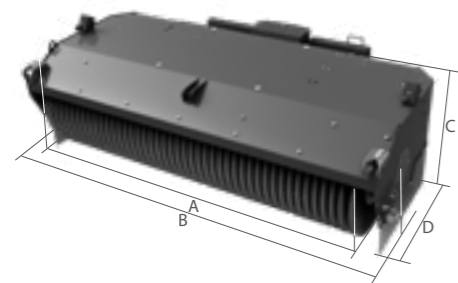
11 COUPLING FRAME FOR FORKS

12 PPL BRUSH (A) STEEL BRUSH + RUBBER PLATE (B) STEEL BRUSH + STEEL PLATE (C)

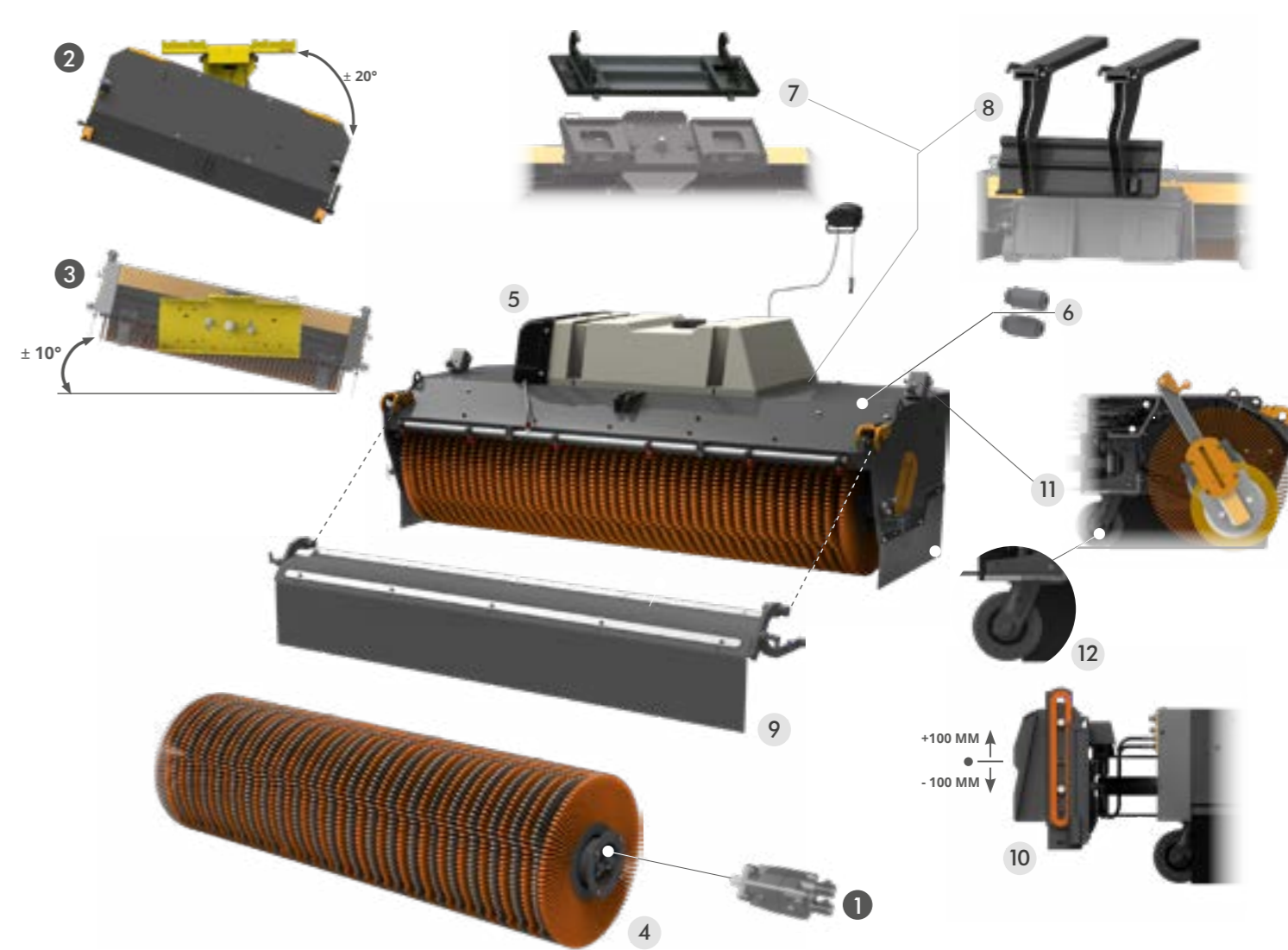


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

IT IS PERFECT FOR THE MAINTENANCE AND CLEANING OF OPEN SURFACES, FLOORS, INDUSTRIAL HALLS AND STREETS THAT REQUIRE A HIGH-LEVEL CLEANING.



	MOD.	EASY SWEEPY R160	EASY SWEEPY R180	EASY SWEEPY R210	EASY SWEEPY R230
A	MM (IN)	1600 (62,99)	1800 (70,86)	2100 (82,67)	2300 (90,55)
B	MM (IN)	1850 (72,83)	2050 (80,70)	2350 (92,51)	2550 (100,39)
C	MM (IN)	800 (31,4)	800 (31,4)	800 (31,4)	800 (31,4)
D	MM (IN)	1300 (51,18)	1300 (51,18)	1300 (51,18)	1300 (51,18)
	KG (LB)	330 (727,52)	350 (771,61)	375 (826,73)	395 (870,82)
	MM (IN)	600 (23,62)	600 (23,62)	600 (23,62)	600 (23,62)
	N.	32 + 2	37 + 2	43 + 2	48 + 2
	MAX. L/MIN (GAL/MIN)	70 (18,49)	70 (18,49)	70 (18,49)	70 (18,49)
	MAX. BAR (PSI)	250 (3625,94)	250 (3625,94)	250 (3625,94)	250 (3625,94)



STANDARD TECHNICAL FEATURES

- ENGINE WITH SQUARE FLANGES AND DISK GEARBOX**
SHAFT WITH INTEGRATED ENGINE
- ANGLE SIDE HYDRAULIC TILTING ADJUSTMENT OF $\pm 20^\circ$**
IT ALLOWS THE HYDRAULIC ADJUSTMENT OF THE TILTING ANGLE UP TO A MAX. OF $\pm 20^\circ$ ON EACH SIDE.
- TILT - HORIZONTAL MECHANICAL TILTING ADJUSTMENT OF $\pm 10^\circ$**
IT ALLOWS THE MECHANICAL ADJUSTMENT OF THE WORKING PLANE TILTING ANGLE UP TO A MAX. OF $\pm 10^\circ$ ON EACH SIDE.

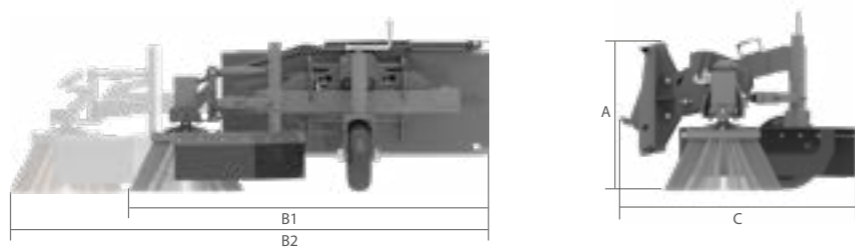
OPTIONAL

- PPL+STEEL BRUSH KIT**
RECOMMENDED FOR THE CLEANING OF PARTICULARLY ABRASIVE SURFACES.
- DUST-CONTROL SYSTEM WITH TANK AND PUMP**
PRESSURIZED WATER SYSTEM WITH TANK FOR THE CONTROL OF DUSTS PRODUCED DURING THE WORKING CYCLE. SPRINKLERS ARE POSITIONED INSIDE AND OUTSIDE THE SWEEPER.
- FLOWRATE REDUCERS**
MANDATORY ON HIGHFLOW MACHINES OR WITH OILRATE HIGHER THAN 70 L/MIN.
- ARTICULATED LOADERS, BACKHOE LOADERS AND TELEHANDLER HANDLERS HITCH**
- COUPLING FRAME FOR FORKS**
- FRONT PROTECTION SKIRT**
- COMPACT FLOATING SYSTEM 200 MM**
IT ALLOWS THE SWEEPER TO FOLLOW THE GROUND AND BETTER THE FINAL RESULT. DESIGNED FOR MACHINES SUCH AS LOADERS AND TELESCOPIC LOADERS.
- ROLLER PRESSURE ADJUSTMENT SYSTEM**
MANDATORY APPLICATION IN COMBINATION WITH COMPACT FLOATING SYSTEM
- WHEELS KIT**
SUPPORTING WHEELS MANDATORY APPLICATION IN COMBINATION WITH COMPACT FLOATING SYSTEM

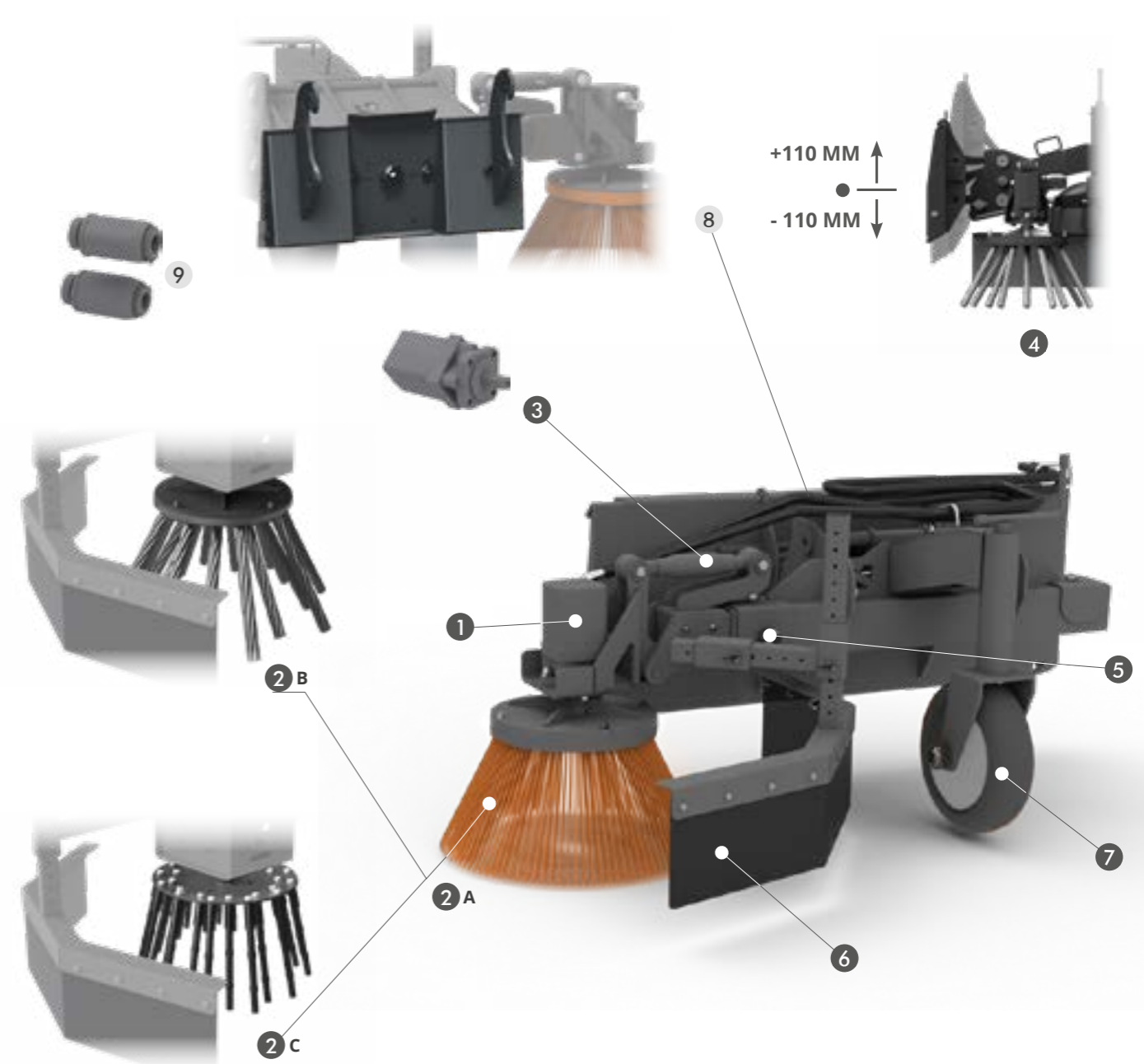


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE ALL DUSTER BRUSH FOR FRONTAL COUPLING CAN BE EASILY FITTED ON THE RIGHT OR LEFT SIDE, FOR THE SMOOTH CLEANING OF BOTH SIDES OF THE STREETS. JOINT AND FLOATING SYSTEM, ARE THE DEVICES THAT ALLOW IT TO FOLLOW THE GROUND PROFILE IN ANY CONDITION.



	MOD.	ALL DUSTER F	
A	MM (IN)	700	(27,5)
B1	MM (IN)	1600	(63)
B2	MM (IN)	2100	(82,6)
C	MM (IN)	900	(35,4)
FLOATING STROKE	MM (IN)	220	(8,6)
	KG (LB)	156	(343,9)
	MM (IN)	500	(19,6)
	MAX. L/MIN (GAL/MIN)	70	(18,4)
	MIN. L/MIN (GAL/MIN)	40	(10,5)
	MAX. BAR (PSI)	200	(2900,7)



STANDARD TECHNICAL FEATURES

- 1 **ENGINE WITH SQUARE FLANGES AND DISK GEARBOX AND FLOW REGULATORS**
- 2 **PPL BRUSH (A) STEEL BRUSH + RUBBER PLATE (B) STEEL BRUSH + STEEL PLATE (C)**
- 3 **MECHANICAL ANGLE ADJUSTMENT OF THE BRUSH**
- 4 **FLOATING SYSTEM AND JOINT 220 MM**
- 5 **TELESCOPIC BOOM**
- 6 **STONE DEFLECTOR**
- 7 **PIVOTING WHEEL, ADJUSTABLE IN HEIGHT**

OPTIONAL

- 8 **ARTICULATED LOADERS HITCH**
- 9 **FLOWRATE REDUCERS**
MANDATORY ON HIGHFLOW MACHINES OR WITH OILRATE HIGHER THAN 70 L/MIN.



AR FAST LOCK	90				
CR TWIN LOCK	92				
CR TWIN LOCK D.E.	94				
CR TWIN LOCK D.E. SWISS	96				
CS SCHNAPPMATIC	98				
CS SCHNAPPMATIC D.E.	100				
CS SCHNAPPMATIC D.E. SWISS	102				



CS SCHNAPPMATIC D.E. CS 100	104				
CM SICURMATIC	106				
S NORDIC SYSTEM	108				
PL PIN LOCK	110				
CW AUT'O'LOCK	112				
CW HAND'O'LOCK	114				



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE AR FAST LOCK PATENTED QUICK COUPLER ENABLES THE FAST LOCKING AND UNLOCKING OF THE ATTACHMENT TOOLS, CONSIDERABLY REDUCING THE TIME FOR THEIR REPLACEMENT. THE MECHANICAL VERSION IS PROVIDED WITH A SEMI-AUTOMATIC SYSTEM THAT REQUIRES THE MANUAL INTERVENTION WHEN THE TOOL HAS TO BE RELEASED. BOTH THE LOCKING AND THE SAFE BLOCKING OF THE NEW TOOL ARE AUTOMATIC OPERATIONS. IN THE HYDRAULIC VERSION THESE FUNCTIONS ARE MANAGED DIRECTLY FROM THE CAB.

	TONS (LB)	0,6 - 1,8 (1323 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8819)	4,0 - 6,0 (8819 - 13228)	6,0 - 7,5 (13228 - 16535)
MOD.		AR15	AR30	AR40	AR50	AR70
A MM (IN)		206 (8,1)	226 (8,9)	238 (9,4)	271 (10,7)	317 (12,5)
B MM (IN)		156 (6,1)	181 (7,1)	196 (7,7)	218 (8,6)	258 (10,2)
C MM (IN)		92 (3,6)	92 (3,6)	97 (3,8)	120 (4,7)	124 (4,9)
Ø MM (IN)		30 (1,2)	35 (1,4)	35 (1,4)	40 (1,6)	45 (1,8)

MECHANIC SEMI-AUTOMATIC			AR15 S.A.	AR30 S.A.	AR40 S.A.	AR50 S.A.	AR70 S.A.
	W/O COUPLER	KG (LB)	16 (35)	20 (44)	25 (55)	30 (66)	61 (135)

HYDRAULIC SINGLE ACTION			AR15 S.E.	AR30 S.E.	AR40 S.E.	AR50 S.E.	AR70 S.E.
	W/O COUPLER	KG (LB)	18 (40)	22 (49)	27 (60)	32 (71)	63 (139)
	MAX	BAR (PSI)	250 (3626)	250 (3626)	250 (3626)	250 (3626)	250 (3626)



OPTIONAL

1 HYDRAULIC INSTALLATION KIT

WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB

2 LIFTING HOOK

A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.

3 AR ADAPTER

THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE AR FAST LOCK QUICK COUPLER.



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE CR TWIN LOCK PATENTED **REVERSIBLE** QUICK COUPLER ENABLES THE FAST LOCKING AND UNLOCKING OF THE ATTACHMENT TOOLS CONSIDERABLY REDUCING THE TIME FOR THEIR REPLACEMENT. THE MECHANICAL VERSION IS PROVIDED WITH A SEMI-AUTOMATIC SYSTEM THAT REQUIRES THE MANUAL INTERVENTION WHEN THE TOOL HAS TO BE RELEASED. BOTH THE LOCKING AND THE SAFE BLOCKING OF THE NEW TOOL ARE AUTOMATIC OPERATIONS. IN THE HYDRAULIC VERSION ALL THESE FUNCTIONS ARE MANAGED DIRECTLY FROM THE CAB.

	TONS (LB)	0,6 - 1,8 (1323 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8819)	4,0 - 6,0 (8819 - 13228)	6,0 - 12,0 (13228 - 26455)
	MOD.	CR15	CR30	CR40	CR50	CR70
A	MM (IN)	247 (9,7)	252 (9,9)	260 (10,2)	290 (11,4)	345 (13,5)
B	MM (IN)	156 (6,1)	180 (7,1)	196 (7,7)	218 (8,6)	257 (10,1)
C	MM (IN)	101 (4,0)	107 (4,2)	109 (4,3)	133 (5,2)	148 (5,8)
Ø	MM (IN)	40 (1,6)	45 (1,8)	45 (1,8)	50 (2,0)	60 (2,4)

MECHANIC SEMI-AUTOMATIC		MOD.	CR15 S.A.	CR30 S.A.	CR40 S.A.	CR50 S.A.	CR70 S.A.
	W/O COUPLER	KG (LB)	20 (44)	25 (55)	28 (62)	39 (86)	62 (137)

HYDRAULIC SINGLE ACTION		MOD.	CR15 S.E.	CR30 S.E.	CR40 S.E.	CR50 S.E.	CR70 S.E.
	W/O COUPLER	KG (LB)	21 (46)	27 (60)	29 (64)	40 (88)	63 (139)
	MAX	BAR (PSI)	250 (3626)	250 (3626)	250 (3626)	250 (3626)	200 (2901)



OPTIONAL

1 HYDRAULIC INSTALLATION KIT

WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB

2 LIFTING HOOK

A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.

3 CR ADAPTE

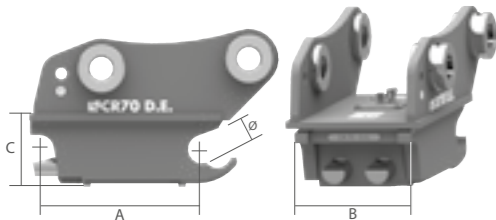
THE CR ADAPTER MAKES THE TOOL REVERSIBLE.



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE CR TWIN LOCK D.E. QUICK COUPLER, WITH ITS **DOUBLE ACTION** SYSTEM, MANAGES THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS. IT MEETS THE HIGHEST RELIABILITY STANDARDS THANKS TO ITS SAFETY SYSTEMS. THE SIDES ARE REALIZED ENTIRELY WITH THE HB400 STEEL, GRANTING GREAT RESISTANCE.

HYDRAULIC DOUBLE ACTION



TONS (LB)	0,6 - 1,8 (1323 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8819)	4,0 - 6,0 (8819 - 13228)	6,0 - 12,0 (13228 - 26455)	
MOD.	CR15 D.E.	CR30 D.E.	CR40 D.E.	CR50 D.E.	CR70 D.E.	
A	MM (IN) 247 (9,7)	252 (9,9)	260 (10,2)	290 (11,4)	345 (13,5)	
B	MM (IN) 156 (6,1)	180 (7,1)	196 (7,7)	218 (8,6)	257 (10,1)	
C	MM (IN) 101 (4,0)	107 (4,2)	109 (4,3)	133 (5,2)	148 (5,8)	
Ø	MM (IN) 40 (1,6)	45 (1,8)	45 (1,8)	50 (2,0)	60 (2,4)	
	W/O COUPLER	KG (LB) 18 (40)	22 (49)	27 (60)	38 (84)	61 (135)
	MAX	BAR (PSI) 200 (2901)	200 (2901)	2200 (2901)	200 (2901)	200 (2901)



STANDARD TECHNICAL FEATURES

- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 2 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

OPTIONAL

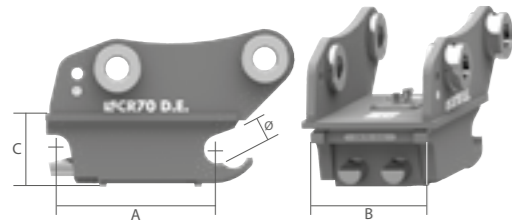
- 3 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 4 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 5 CR ADAPTE**
THE CR ADAPTER MAKES THE TOOL REVERSIBLE.



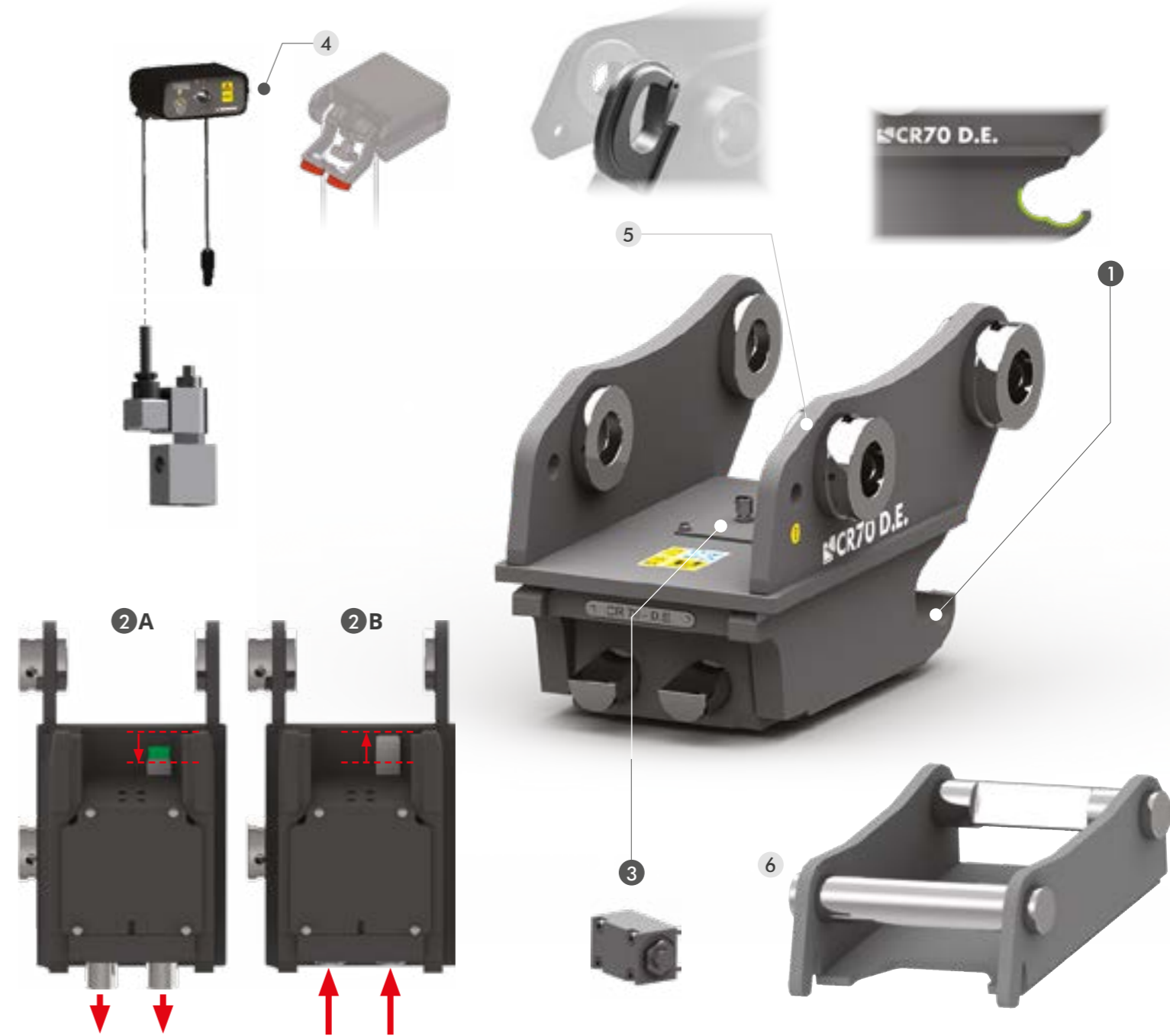
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE CR TWIN LOCK D.E. QUICK COUPLER, WITH ITS **DOUBLE ACTION** SYSTEM, MANAGES THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS. IT MEETS THE HIGHEST RELIABILITY STANDARDS THANKS TO ITS SAFETY SYSTEMS, SUCH AS THE VISUAL INDICATOR FOR THE LOCKING STATUS CONTROL, THE STANDARD BLOCK VALVE, THE DOUBLE-NOTCH PROFILE OF THE FORK. THE SIDES ARE REALIZED ENTIRELY WITH THE HB400 STEEL, GRANTING GREAT RESISTANCE.

HYDRAULIC DOUBLE ACTION



TONS (LB)	0,6 - 1,8 (1323 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8819)	4,0 - 6,0 (8819 - 13228)	6,0 - 12,0 (13228 - 26455)	
MOD.	CR15 D.E.	CR30 D.E.	CR40 D.E.	CR50 D.E.	CR70 D.E.	
A	MM (IN) 247 (9,7)	252 (9,9)	260 (10,2)	290 (11,4)	345 (13,5)	
B	MM (IN) 156 (6,1)	180 (7,1)	196 (7,7)	218 (8,6)	257 (10,1)	
C	MM (IN) 101 (4,0)	107 (4,2)	109 (4,3)	133 (5,2)	148 (5,8)	
Ø	MM (IN) 40 (1,6)	45 (1,8)	45 (1,8)	50 (2,0)	60 (2,4)	
	W/O COUPLER	KG (LB) 18 (40)	22 (49)	27 (60)	38 (84)	61 (135)
	MAX	BAR (PSI) 200 (2901)	200 (2901)	2200 (2901)	200 (2901)	200 (2901)



STANDARD TECHNICAL FEATURES

- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 2 FRONT SAFETY SYSTEM**
THROUGH TO THE VISUAL INDICATOR PLACED IN THE COUPLER, THE VISUALISATION OF THE LOCKING CONDITION IS SIMPLE AND IMMEDIATE.
A LOCKING PINS **B** UNLOCKIN PINS
- 3 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

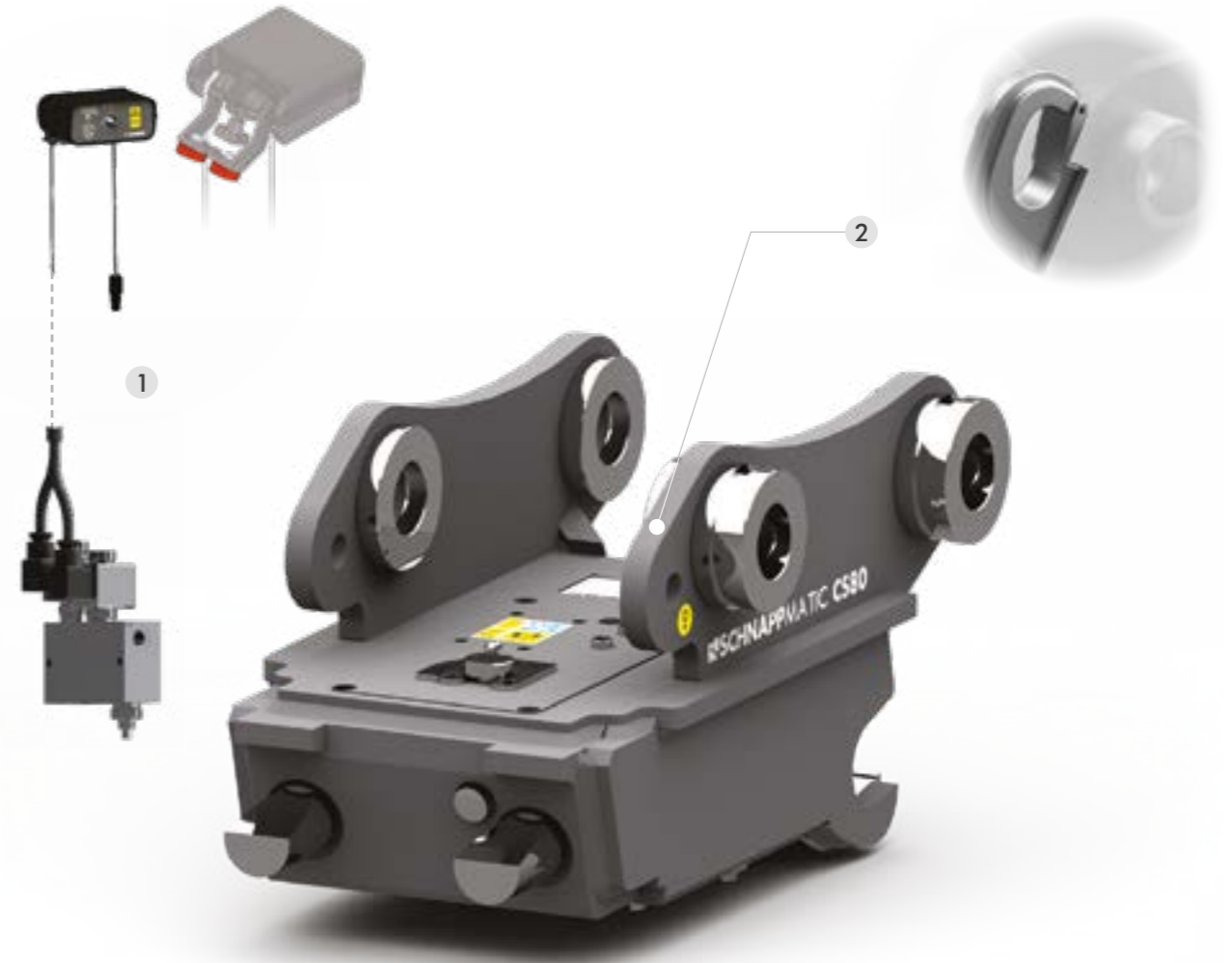
OPTIONAL

- 4 HYDRAULIC INSTALLATION KIT**
THIS KIT CAN BE SUPPLIED WITH THE QUICK COUPLER HYDRAULIC VERSION. SUPPLIED WITH WIRED SOLENOID VALVE AND CONTROL SWITCH.
- 5 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 6 CR ADAPTE**
THE CR ADAPTER MAKES THE TOOL REVERSIBLE.



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

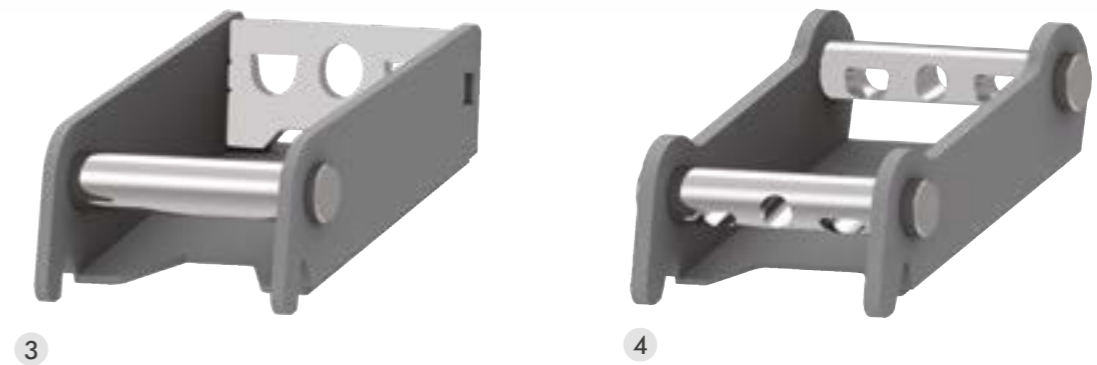
THE CS SCHNAPPMATIC PATENTED QUICK COUPLER ENABLES THE FAST LOCKING AND UNLOCKING OF THE ATTACHMENTS, CONSIDERABLY REDUCING THE TIME FOR THEIR REPLACEMENT. THE MECHANICAL VERSION IS PROVIDED WITH A SEMI-AUTOMATIC SYSTEM THAT REQUIRES THE MANUAL INTERVENTION WHEN THE TOOL HAS TO BE RELEASED. BOTH THE LOCKING AND THE SAFE BLOCKING OF THE NEW TOOL ARE AUTOMATIC OPERATIONS. IN THE HYDRAULIC VERSION ALL THESE FUNCTIONS ARE MANAGED FROM THE CAB. ACCORDING TO THE ADAPTER, STANDARD OR JANUS PRO (REVERSIBLE), IT IS POSSIBLE TO USE THE SAME TOOLS ALSO FOR FRONT DIGGING WORKS. THIS QUICK COUPLER COMBINES WITH ALL TYPES OF ADAPTER OF THE (MS OS, DS, ETC.) 01, 03 AND 08 SERIES.



	TONS (LB)	0,6 - 2,5 (1323 - 5512)	2,5 - 6,0 (5512 - 13227)	5,0 - 12,0 (11023 - 26455)
MOD.		CS10	CS30	CS80
A MM (IN)		250 (9,8)	316 (12,5)	436 (17,2)
B MM (IN)		180 (7,1)	200 (8)	290 (11)
C MM (IN)		72 (2,8)	78 (3,1)	105 (4,1)
Ø MM (IN)		40 (1,6)	50 (2,0)	60 (2,4)

MECHANIC SEMI-AUTOMATIC		MOD.	CS10 S.A.	CS30 S.A.	CS80 S.A.
	W/O COUPLER	KG (LB)	22 (49)	33 (73)	83 (183)

HYDRAULIC SINGLE ACTION		MOD.	CS10 S.E.	CS30 S.E.	CS80 S.E.
	W/O COUPLER	KG (LB)	23 (51)	34 (75)	87 (192)
	MAX	BAR (PSI)	250 (3626)	250 (3626)	250 (3626)



OPTIONAL

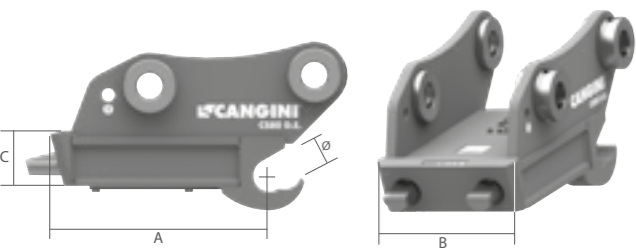
- 1 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 2 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 3 CS ADAPTER**
THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE CS SCHNAPPMATIC QUICK COUPLER.
- 4 JANUS PRO ADAPTER**
THE JANUS PRO ADAPTER MAKES THE TOOL REVERSIBLE.



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE CS SCHNAPPMATIC D.E. QUICK COUPLER, WITH ITS **DOUBLE ACTION** SYSTEM, MANAGES THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS. IT IS EQUIPPED WITH DIFFERENT SAFETY SYSTEMS, SUCH AS THE VISUAL INDICATOR FOR THE LOCKING STATUS CONTROL, THE STANDARD BLOCK VALVE AND THE DOUBLE-NOTCH PROFILE OF THE FORK. THE HB400 FORK MAKES THE QUICK COUPLER SUITED TO HIGH WORKLOADS AND GRANTS ITS LONG USEFUL LIFE.

HYDRAULIC DOUBLE ACTION



TONS (LB)	0,6 - 2,5 (1323 - 5512)		2,5 - 6,0 (5512 - 13227)		5,0 - 12,0 (11023 - 26455)	
MOD.	CS10 D.E.		CS30 D.E.		CS80 D.E.	
A MM (IN)	250	(9,8)	316	(12,5)	436	(17,2)
B MM (IN)	180	(7,1)	200	(8)	290	(11)
C MM (IN)	72	(2,8)	78	(3,1)	105	(4,1)
Ø MM (IN)	40	(1,6)	50	(2,0)	60	(2,4)
W/O COUPLER	KG (LB)	16 (35)	25 (55)	61 (135)		
MAX	BAR (PSI)	200 (2901)	200 (2901)	200 (2901)		



STANDARD TECHNICAL FEATURES

- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 3 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

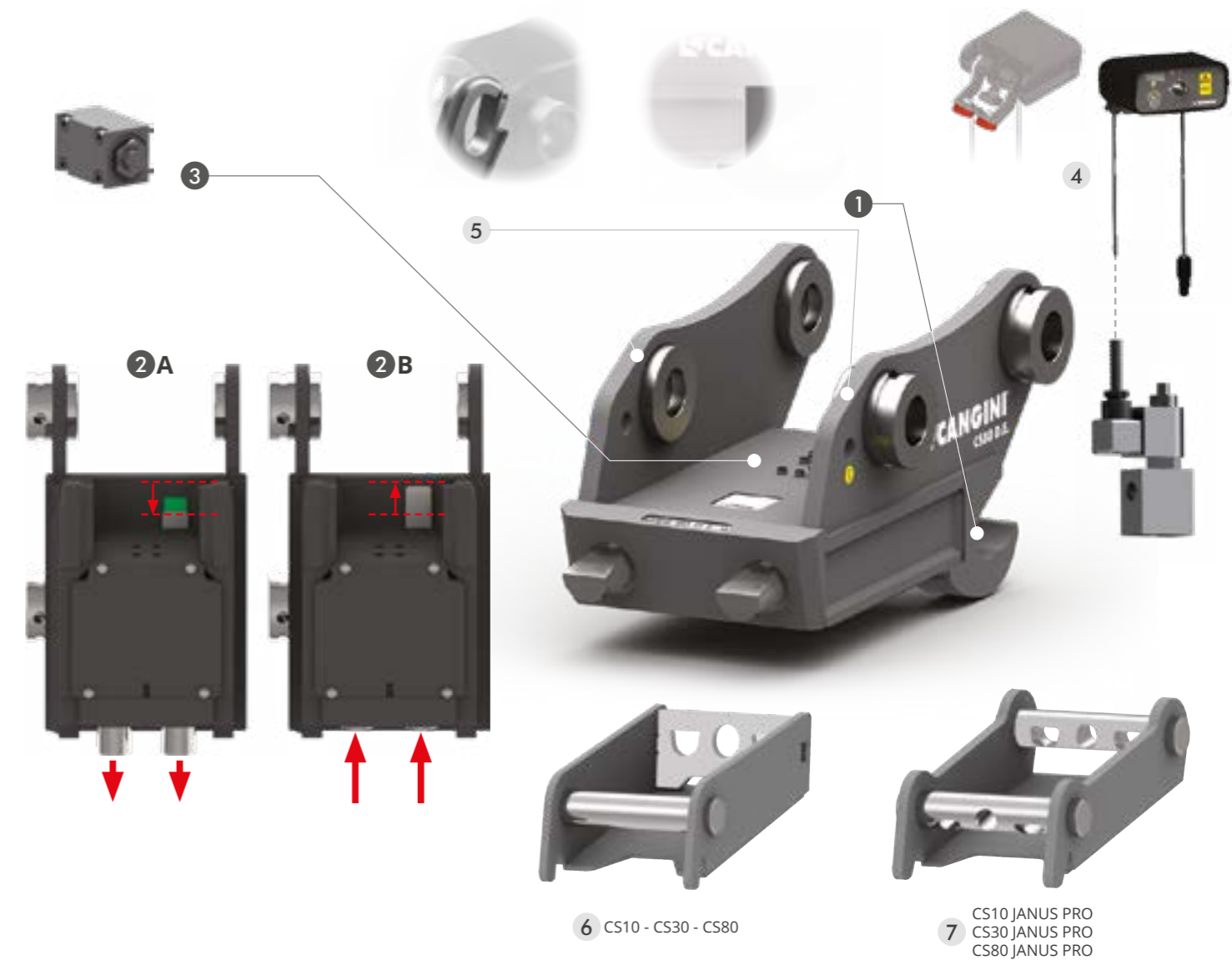
OPTIONAL

- 3 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 4 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 5 CS ADAPTER**
THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE CS SCHNAPPMATIC D.E. QUICK COUPLER.
- 6 JANUS PRO ADAPTER**
THE JANUS PRO ADAPTER MAKES THE TOOL REVERSIBLE.

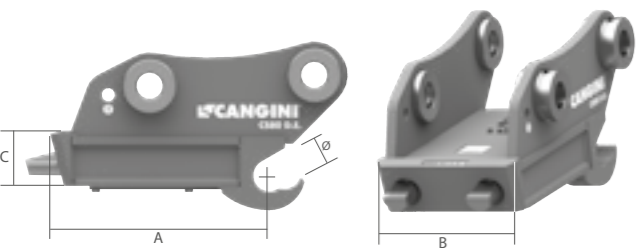


NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE CS SCHNAPPMATIC D.E. QUICK COUPLER, WITH ITS **DOUBLE ACTION** SYSTEM, MANAGES THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS. IT IS EQUIPPED WITH DIFFERENT SAFETY SYSTEMS, SUCH AS THE **VISUAL INDICATOR FOR THE LOCKING STATUS CONTROL**, THE **STANDARD BLOCK VALVE** AND THE **DOUBLE-NOTCH PROFILE OF THE FORK**. THE HARDOX400 FORK MAKES THE QUICK COUPLER SUITED TO HIGH WORKLOADS AND GRANTS ITS LONG USEFUL LIFE.



HYDRAULIC DOUBLE ACTION



TONS (LB)	0,6 - 2,5 (1323 - 5512)		2,5 - 6,0 (5512 - 13227)		5,0 - 12,0 (11023 - 26455)	
MOD.	CS10 D.E.		CS30 D.E.		CS80 D.E.	
A MM (IN)	250 (9,8)	316 (12,5)	436 (17,2)			
B MM (IN)	180 (7,1)	200 (8)	290 (11)			
C MM (IN)	72 (2,8)	78 (3,1)	105 (4,1)			
Ø MM (IN)	40 (1,6)	50 (2,0)	60 (2,4)			
W/O COUPLER	KG (LB)	16 (35)	25 (55)	61 (135)		
MAX	BAR (PSI)	200 (2901)	200 (2901)	200 (2901)		

STANDARD TECHNICAL FEATURES

- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 2 FRONT SAFETY SYSTEM**
THROUGH TO THE VISUAL INDICATOR PLACED IN THE COUPLER, THE VISUALISATION OF THE LOCKING CONDITION IS SIMPLE AND IMMEDIATE.
A LOCKINIG PINS **B** UNLOCKIN PINS
- 3 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

OPTIONAL

- 4 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 5 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 6 CS ADAPTER**
THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE CS SCHNAPPMATIC D.E. QUICK COUPLER.
- 7 JANUS PRO ADAPTER**
THE JANUS PRO ADAPTER MAKES THE TOOL REVERSIBLE.



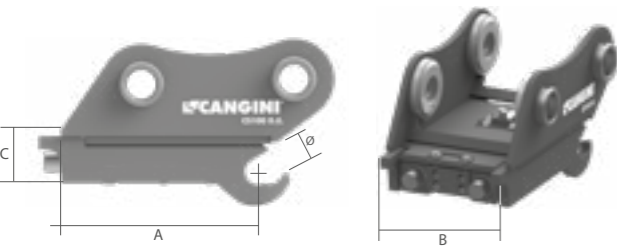
NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE CS SCHNAPPMATIC D.E. QUICK COUPLER, WITH ITS **DOUBLE ACTION** SYSTEM, MANAGES THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS. IT IS EQUIPPED WITH DIFFERENT SAFETY SYSTEMS, SUCH AS THE VISUAL INDICATOR FOR THE LOCKING STATUS CONTROL, THE STANDARD BLOCK VALVE AND THE DOUBLE-NOTCH PROFILE OF THE FORK. THE HB400 FORK MAKES THE QUICK COUPLER SUITED TO HIGH WORKLOADS AND GRANTS ITS LONG USEFUL LIFE. THE MODEL FOR MACHINES FROM 12 TO 19 TONS IS THE CS100 SCHNAPPMATIC D.E., DEFINED BY CONE-SHAPED PINS THAT GRANT AN EFFICIENT EQUILIBRIUM OF FORCES.

VERSION FOR SWISS MARKET INCLUDES A MARKER FOR THE CORRECT COUPLING DISPLAY

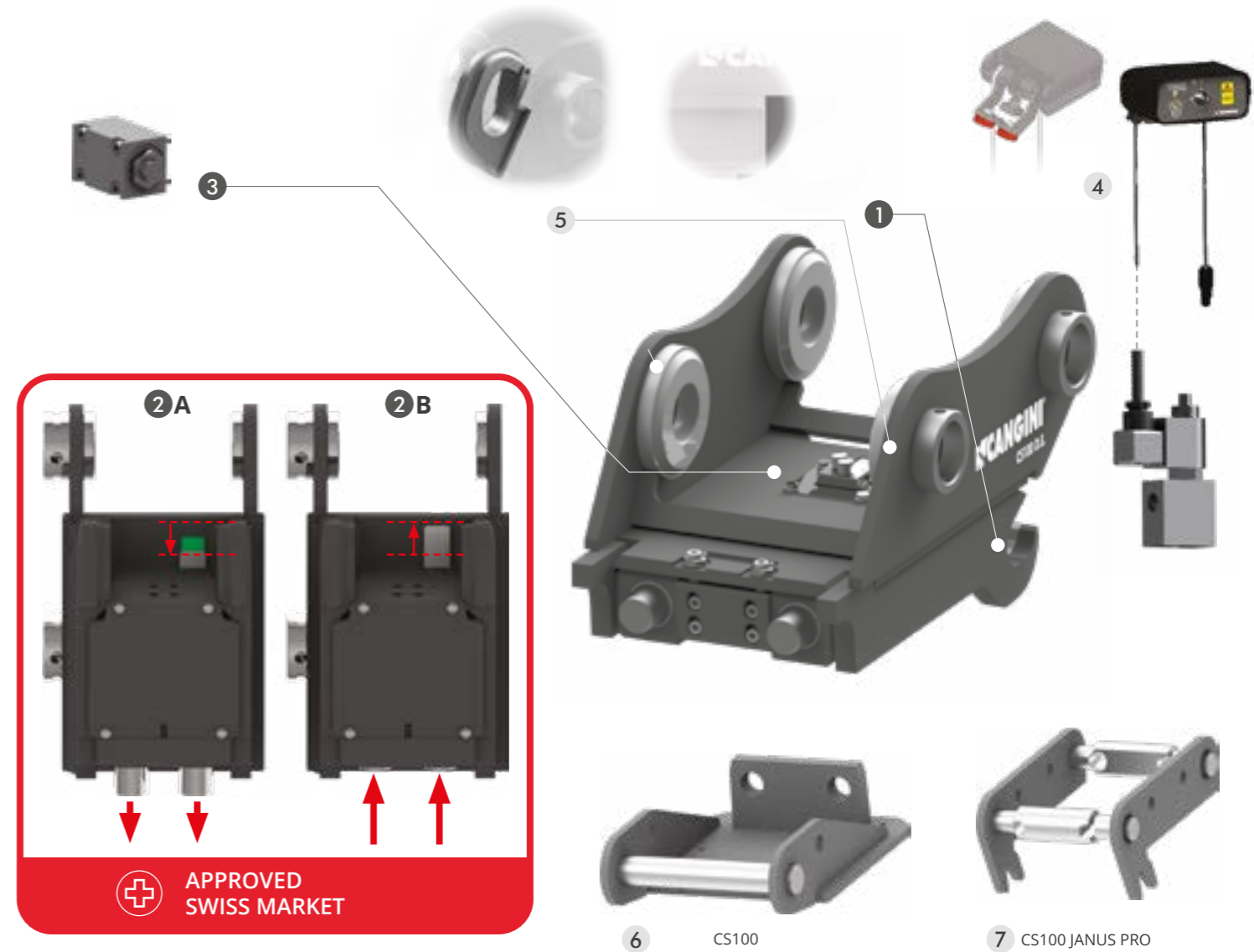
APPROVED SWISS MARKET

HYDRAULIC DOUBLE ACTION



TONS (LB)	12,0 - 19,0 (26455 - 41888)	
MOD.	CS100 D.E.	
A	MM (IN)	520 (20,5)
B	MM (IN)	395 (15,6)
C	MM (IN)	172 (6,8)
Ø	MM (IN)	70 (2,7)
	KG (LB)	130 (287)
	BAR (PSI)	200 (2900)

W/O COUPLER
MAX



STANDARD TECHNICAL FEATURES

- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 2 VISUAL MARKER OF THE COUPLING CONDITION (APPROVED SWISS MARKET)**
THANKS TO THE VISUAL MARKER ON THE COUPLER, THE DISPLAY OF THE COUPLING CONDITION IS EASY AND IMMEDIATE:
A LOCKED PINS **B** UNLOCKED PINS
- 3 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

OPTIONAL

- 4 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 5 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 6 CS ADAPTER**
THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE CS SCHNAPPMATIC D.E. QUICK COUPLER.
- 7 JANUS PRO ADAPTER**
THE JANUS PRO ADAPTER MAKES THE TOOL REVERSIBLE.

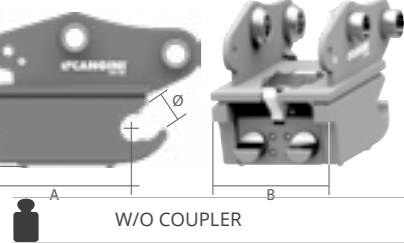
-  PATENTED
-  APPROVED SWISS MARKET
-  HB400



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

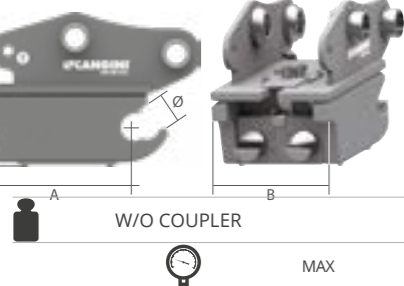
THE **REVERSIBLE** CM SICURMATIC QUICK COUPLER IS EQUIPPED WITH THE MOST ADVANCED SAFETY SYSTEMS: THE FRONT SAFETY SYSTEM THAT IS ACTIVATED WHEN THE PINS COME OUT; THE FORK WITH ITS NEW DOUBLE-NOTCH PROFILE; THE VISUAL INDICATOR THAT SHOWS THE OPERATOR THE LOCKING STATUS FROM THE CAB. SIDES ARE MADE IN HB400. THANKS TO ITS SEMI-AUTOMATIC SYSTEM, THE MECHANICAL VERSION REQUIRES THE OPERATOR'S INTERVENTION ONLY DURING THE UNLOCKING PHASE, WHILE THE LOCKING FUNCTION IS AUTOMATIC. WITH ITS **DOUBLE ACTION** SYSTEM, THE HYDRAULIC VERSION ALLOWS TO MANAGE BOTH THE LOCKING AND UNLOCKING OPERATIONS DIRECTLY FROM THE CAB IN A FEW SECONDS.

MECHANIC SEMI-AUTOMATIC

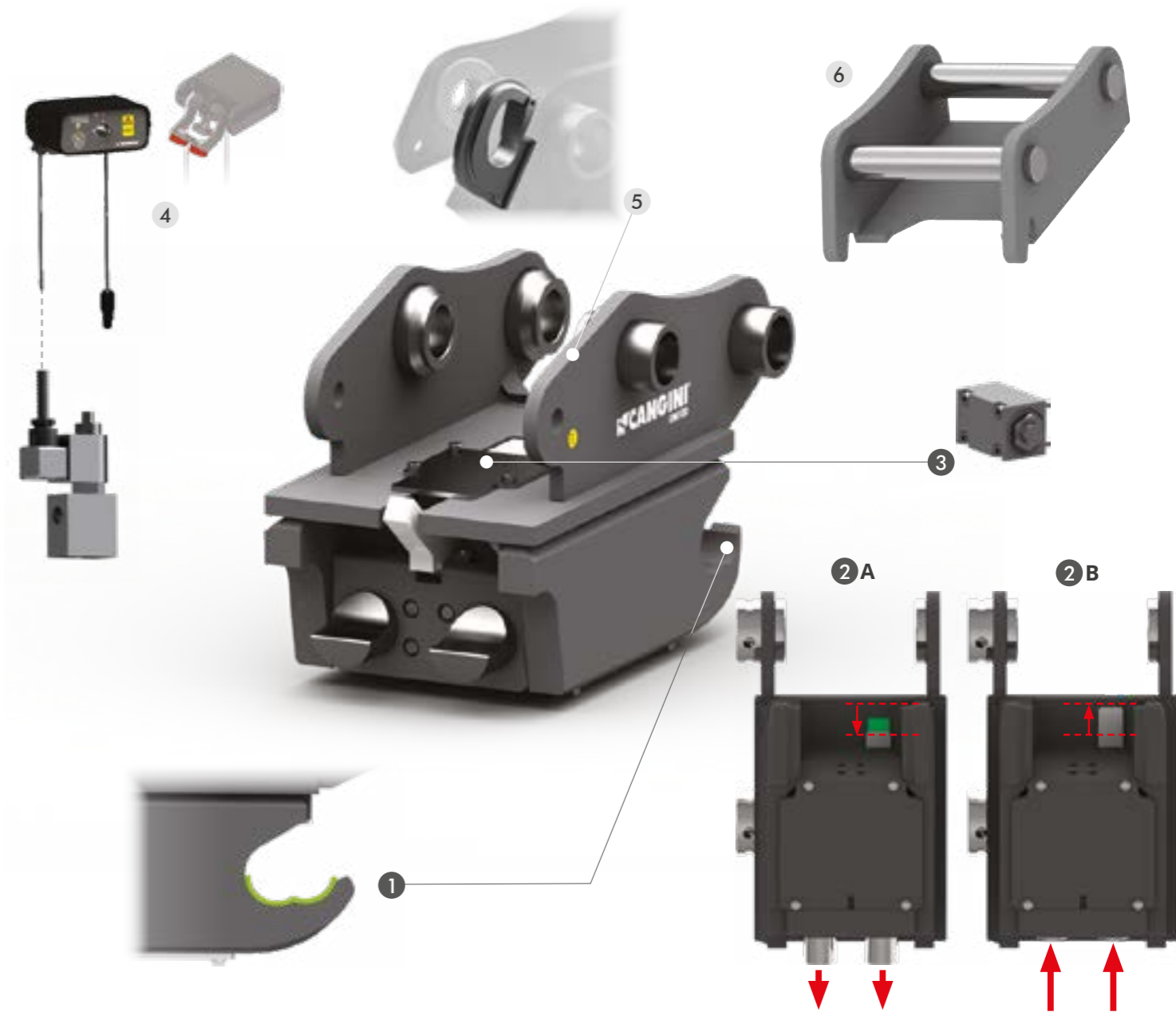


TONS (LB)	0,6 - 1,8 (1323 - 3968)	1,5 - 2,5 (3307 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 7,5 (8818 - 16535)	7,5 - 10,0 (16535 - 22046)
MOD.	CM20 S.A.	CM30 S.A.	CM30 S.A.	CM100 S.A.	CM100 S.A.
A MM (IN)	158 (6,2)	180 (7,1)	180 (7,1)	228 (9)	228 (9)
B MM (IN)	170 (6,7)	180 (7,1)	180 (7,1)	292 (11,5)	292 (11,5)
C MM (IN)	93 (3,6)	112 (4,4)	112 (4,4)	149 (5,9)	149 (5,9)
Ø MM (IN)	30 (1,2)	35 (1,3)	35 (1,3)	50 (1,9)	50 (1,9)
KG (LB)	12 (27)	16 (35)	16 (35)	45 (99)	45 (99)

HYDRAULIC DOUBLE ACTION



TONS (LB)	1,0 - 2,5 (2205 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 7,5 (8818 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 18,0 (22046 - 39683)
MOD.	CM30 D.E.	CM30 D.E.	CM100 D.E.	CM100 D.E.	CM180 D.E.
A MM (IN)	180 (7,1)	180 (7,1)	228 (9)	228 (9)	310 (12,2)
B MM (IN)	180 (7,1)	180 (7,1)	292 (11,5)	292 (11,5)	376 (14,8)
C MM (IN)	112 (4,4)	112 (4,4)	149 (5,9)	149 (5,9)	177 (6,9)
Ø MM (IN)	35 (1,3)	35 (1,3)	50 (1,9)	50 (1,9)	65 (2,6)
KG (LB)	18 (40)	18 (40)	47 (104)	47 (104)	98 (216)
MAX	bar (psi)	200 (2901)	200 (2901)	200 (2901)	200 (2901)



STANDARD TECHNICAL FEATURES

- 1 FORK'S DOUBLE PROFILE**
NEW DOUBLE CRADLE PROFILE CREATE A GREATER OBSTACLE TO THE ACCIDENTAL FALL OF THE TOOL.
- 2 VISUAL MARKER OF THE COUPLING CONDITION**
THANKS TO THE VISUAL MARKER ON THE COUPLER, THE DISPLAY OF THE COUPLING CONDITION IS EASY AND IMMEDIATE:
A LOCKED PINS **B** UNLOCKED PINS
- 3 SAFETY BLOCK VALVE**
IT ALLOWS THE QUICK COUPLER TO HOLD ITS POSITION EVEN IN THE CASE OF A PRESSURE LOSS ON THE HYDRAULIC LINE.

OPTIONAL

- 4 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 5 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 6 CM ADAPTER**
THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE CM QUICK COUPLER.

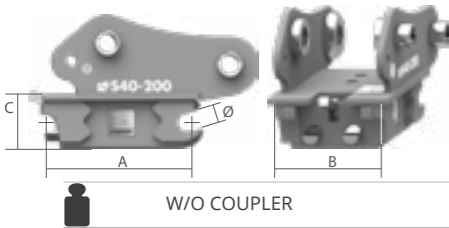
HB400



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

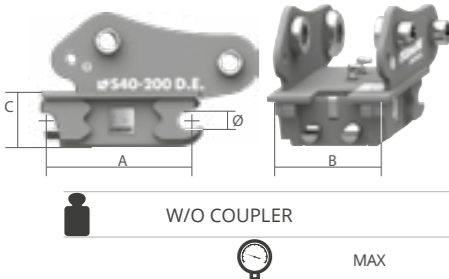
THE S NORDIC SYSTEM **REVERSIBLE** QUICK COUPLER ENABLES THE FAST LOCKING AND UNLOCKING OF THE ATTACHMENT TOOLS CONSIDERABLY REDUCING THE TIME FOR THEIR REPLACEMENT. HB400 SIDE PLATES. THE MECHANICAL VERSION IS PROVIDED WITH A SEMI-AUTOMATIC SYSTEM THAT REQUIRES THE MANUAL INTERVENTION WHEN THE TOOL HAS TO BE RELEASED. THE LOCKING OF THE NEW TOOL IS AN AUTOMATIC OPERATION. IN THE HYDRAULIC VERSION, WITH ITS **DOUBLE ACTION** SYSTEM, ALL THESE FUNCTIONS ARE MANAGED DIRECTLY FROM THE CAB.

MECHANIC SEMI-AUTOMATIC



TONS (LB)	0,6 - 2,5 (1323 - 5512)				2,5 - 6,0 (5512 - 13228)	
	MOD.	S30-150	S30-180	S40-200		
A MM (IN)	200 (8)	230 (9)	300 (12)			
B MM (IN)	150 (6)	180 (7)	200 (8)			
C MM (IN)	85 (3,3)	85 (3,3)	117 (4,6)			
Ø MM (IN)	30 (1,2)	30 (1,2)	40 (1,6)			
KG (LB)	11 (24)	14 (33)	31 (68)			

HYDRAULIC DOUBLE ACTION



TONS (LB)	0,6 - 2,5 (1323 - 5512)		2,5 - 6,0 (5512 - 13228)		6,0 - 12,0 (13228 - 26455)		12,0 - 18,0 (26455 - 39683)	
	MOD.	S30-150 D.E.	S30-180 D.E.	S40-200 D.E.	S45 D.E.	S50 D.E.	S60 D.E.	
A MM (IN)	200 (8)	230 (9)	300 (12)	430 (17)	430 (17)	480 (19)		
B MM (IN)	150 (6)	180 (7)	200 (8)	290 (11)	270 (11)	340 (13)		
C MM (IN)	85 (3,3)	85 (3,3)	117 (4,6)	138 (5,4)	141 (5,5)	163 (6,4)		
Ø MM (IN)	30 (1,2)	30 (1,2)	40 (1,6)	45 (1,8)	50 (2)	60 (2,4)		
KG (LB)	12 (26)	15 (33)	32 (68)	77 (170)	75 (165)	123 (271)		
bar (psi)	250 (3626)	250 (3626)	250 (3626)	250 (3626)	250 (3626)	250 (3626)		



OPTIONAL

1 HYDRAULIC INSTALLATION KIT

WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB

2 LIFTING HOOK

A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.

3 S ADAPTER

THE ADAPTER APPLIED TO ANY TOOL ENABLES THE COUPLING WITH THE S QUICK COUPLER.



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE PL H PIN LOCK HYDRAULIC VERSION ENABLES THE LOCKING AND UNLOCKING OF THE TOOLS WITH FIXED COUPLING SYSTEM. THE LOCKING IS MADE DIRECTLY ON THE BUCKET OR TOOL'S PINS. IN THE MECHANICAL VERSION THE LOCKING AND UNLOCKING STEPS ARE MANUALLY OPERATED BY USING A SPECIAL SPANNER. IN THE HYDRAULIC VERSION THE TOOLS' CHANGING OPERATIONS CAN BE MANAGED DIRECTLY FROM THE CAB. HYDRAULIC **DOUBLE ACTION** CYLINDER WITH BLOCK VALVE.

MECHANIC	TONS (LB)	0,6 - 1,2 (1323 - 2646)		1,2 - 2,5 (2646 - 5512)		2,5 - 4,0 (5512 - 8819)		4,0 - 7,5 (8819 - 16535)		7,5 - 10,0 (16535 - 22046)	
	MOD.	PL10	PL20	PL40	PL60	PL80					
	A MM (IN)	190 (7,5)	225 (9)	255 (10)	360 (14)	425 (17)					
	B MM (IN)	200 (8)	220 (9)	260 (10)	290 (11)	315 (12)					
	C MM (IN)	115 (4,5)	120 (4,7)	130 (5,1)	160 (6,3)	180 (7,1)					
W/O COUPLER	KG (LB)	12 (26)	15 (33)	20 (44)	52 (115)	66 (146)					

HYDRAULIC DOUBLE ACTION	TONS (LB)	2,5 - 4,0 (5512 - 8819)		4,0 - 7,5 (8819 - 16535)		7,5 - 10,0 (16535 - 22046)		10,0 - 14,0 (22046 - 30865)	
	MOD.	PL40 D.E.	PL60 D.E.	PL80 D.E.	PL100 D.E.				
	A MM (IN)	255 (10)	360 (14)	425 (17)	480 (19)				
	B MM (IN)	260 (10)	290 (11)	315 (12)	400 (16)				
	C MM (IN)	130 (5,1)	160 (6,3)	180 (7,1)	220 (9)				
W/O COUPLER	KG (LB)	30 (66)	55 (121)	68 (150)	125 (276)				
	bar (psi)	200 (2901)	200 (2901)	200 (2901)	200 (2901)				



OPTIONAL

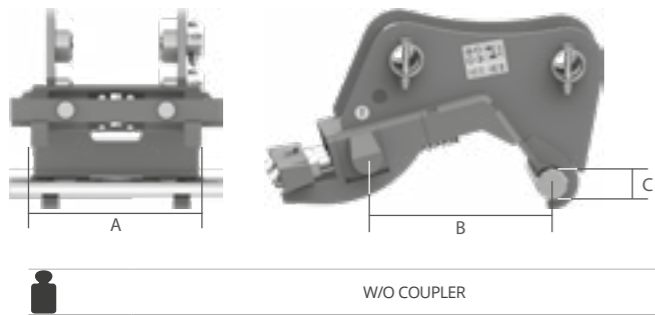
- 1 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 2 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 3 INTERFACE**
- 4 SET OF PINS**



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE PATENTED SEMI-AUTOMATIC CW AUTO'O'LOCK QUICK COUPLER ENABLES THE FAST LOCKING AND UNLOCKING OF THE ATTACHMENTS, CONSIDERABLY REDUCING THE TIME FOR THEIR REPLACEMENT. IT IS PROVIDED WITH A SEMI-AUTOMATIC SYSTEM THAT REQUIRES THE MANUAL INTERVENTION WHEN THE TOOL HAS TO BE RELEASED. BOTH THE LOCKING AND THE SAFE BLOCKING OF THE NEW TOOL ARE AUTOMATICALLY OPERATED.

SEMI-AUTOMATIC



TONS (LB)	0,6 - 4,0 (1323 - 8818)	4,0 - 10,0 (8818 - 22046)
MOD.	CW05 S.A.	CW10 S.A.
A MM (IN)	175 (6,9)	305 (12)
B MM (IN)	200 (7,9)	300 (11,9)
C MM (IN)	40 (1,6)	50 (2)
KG (LB)	24 (53)	74 (163)



OPTIONAL

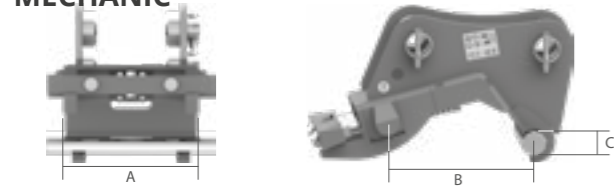
- 1 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 2 CW ON HINGE**
RECOMMENDED APPLICATION ON BUCKETS.
- 3 CW FOR TILTING BUCKETS**
RECOMMENDED APPLICATIONS ON TILTING BUCKETS.
- 4 REVERSE CW**
RECOMMENDED APPLICATION ON FLAT PLATES, SUCH AS ADAPTER PLATES, MULCHERS, SHEARS, ETC.
- 5 REVERSIBLE CW**
RECOMMENDED APPLICATIONS ON BUCKETS USED IN BACK OR FRONT DIGGING WORKS.



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE HAND'O'LOCK QUICK COUPLER ALLOWS THE FAST REPLACEMENT OF THE ATTACHMENT TOOLS. THANKS TO ITS SIMPLE AND STRONG FRAME IT CAN RELY ON AN EXCELLENT QUALITY-PRICE RATIO. IN ITS HYDRAULIC VERSION WITH ITS **DOUBLE ACTION** SYSTEM, IT ENABLES THE FULLY AUTOMATIC LOCKING AND UNLOCKING OPERATIONS.

MECHANIC



	TONS (LB)	0,6 - 1,2 (1323 - 2646)	0,6 - 4,0 (1323 - 8818)	4,0 - 10,0 (8818 - 22046)
MOD.		CW 00	CW 05	CW 10
A	MM (IN)	144 (5,7)	175 (6,9)	305 (12)
B	MM (IN)	150 (5,9)	200 (7,9)	300 (11,9)
C	MM (IN)	30 (1,2)	40 (1,6)	50 (2)
	KG (LB)	10 (22)	14 (31)	42 (93)

W/O COUPLER

HYDRAULIC DOUBLE ACTION



	TONS (LB)	0,6 - 4,0 (1323 - 8818)	4,0 - 10,0 (8818 - 22046)	7,5 - 15,0 (16535 - 33069)	15,0 - 25,0 (33069 - 55116)
MOD.		CW 05 D.E.	CW 10 D.E.	CW 20S D.E.	CW 20 D.E.
A	MM (IN)	175 (6,9)	305 (12)	420 (16,5)	550 (21,6)
B	MM (IN)	200 (7,9)	300 (11,9)	475 (18,7)	475 (18,7)
C	MM (IN)	40 (1,6)	50 (2)	60 (2,3)	60 (2,3)
	KG (LB)	15 (33)	43 (95)	110 (242,5)	180 (396,8)
	bar (psi)	250 (3626)	250 (3626)	250 (3626)	250 (3626)

W/O COUPLER



ON REQUEST



OPTIONAL

- 1 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB
- 2 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE QUICK COUPLER.
- 3 CW ON HINGE**
RECOMMENDED APPLICATION ON BUCKETS.
- 4 CW FOR TILTING BUCKETS**
RECOMMENDED APPLICATIONS ON TILTING BUCKETS.
- 5 REVERSE CW**
RECOMMENDED APPLICATION ON FLAT PLATES, SUCH AS ADAPTER PLATES, MULCHERS, SHEARS, ETC.
- 6 REVERSIBLE CW**
RECOMMENDED APPLICATIONS ON BUCKETS USED IN BACK OR FRONT DIGGING WORKS.

TWIST

118



BOLTED-IN ADAPTER PLATE

132



TWIST KS

122



ON-PINS ADAPTER PLATE

134



ROTOTWIST WITH HYDRAULIC QUICK COUPLER

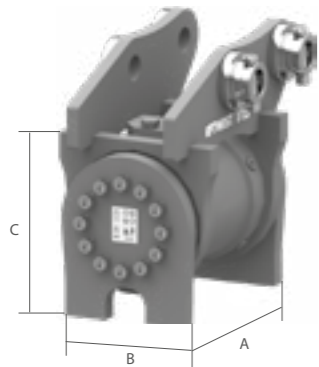
128





NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

THE BI-DIRECTIONAL HYDRAULIC ACTUATOR ENABLES TO TILT TOOLS OR QUICK COUPLERS AND TO SIMPLIFY THE DIGGING OPERATIONS ALSO IN PLACES DIFFICULT TO REACH.



TONS (LB)	1,2 - 2,5 (2646 - 5511)	2,5 - 4,0 (5511 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 9,0 (13228 - 19842)	9,0 - 11,0 (19842 - 24251)	11,0 - 16,0 (24251 - 35274)	15,0 - 23,0 (33069 - 50706)	
MOD.	TWIST 100	TWIST 115	TWIST 125	TWIST 160	TWIST 180	TWIST 240	TWIST 250	
A MM (IN)	245 (9,6)	315 (12,4)	325 (12,8)	420 (16,5)	485 (19,1)	532 (20,9)	580 (22,8)	
B MM (IN)	190 (7,5)	235 (7,4)	188 (7,4)	220 (8,6)	315 (12,4)	345 (13,6)	412 (16,2)	
C MM (IN)	203 (8,0)	215 (8,5)	265 (10,4)	290 (11,4)	345 (13,6)	400 (15,7)	420 (16,5)	
W/O COUPLER, PLATE AND QUICK COUPLER	KG (LB)	27 (60)	43 (95)	61 (135)	113 (249)	150 (331)	206 (454)	330 (729)
TILT ANGLE		178	178	178	178	180	180	180
MAX	L/MIN (GAL/MIN)	8 (2,1)	10 (2,6)	15 (3,9)	25 (6,6)	30 (7,9)	30 (7,9)	40 (10,5)
MAX	BAR (PSI)	210 (3046)	210 (3046)	210 (3046)	210 (3046)	190 (2756)	250 (3626)	250 (3626)



STANDARD TECHNICAL FEATURES

1 BLOCK VALVE
IT ENABLES TO KEEP THE POSITION DECIDED BY THE OPERATOR.

OPTIONAL

2 HYDRAULIC INSTALLATION KIT
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
AVAILABLE IN SINGLE EFFECT VERSION (A) OR IN D.E. VERSION - DOUBLE EFFECT (B)

3 LIFTING HOOK
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE TWIST.

MATCHING QUICK COUPLERS

- 4 AR Fast Lock
- 5 CR Twin Lock • CR Twin Lock D.E. (+Swiss market)
- 6 CS Schnappmatic • CS Schnappmatic D.E. (+Swiss market)
- 7 CS Schnappmatic D.E. CS 100 (+Swiss market)
- 8 CM Sicurmatic • CM Sicurmatic D.E. (+Swiss market)
- 9 S Nordic System • S Nordic System D.E.
- 10 PL Pin Lock • PL Pin Lock D.E.
- 11 CW Aut'o'Lock
- 12 CW Hand'o'Lock • CW Hand'o'Lock D.E.

MATCHING QUICK COUPLERS



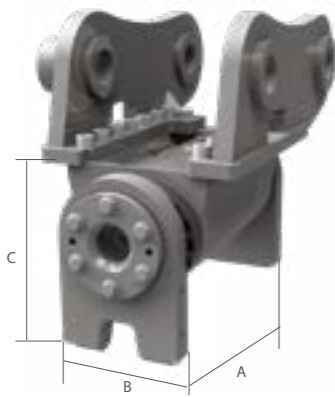
	TONS (LB)	1,2 - 1,8 (2646 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)		4,0 - 5,0 (8818 - 11023)	5,0 - 6,0 (11023 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 9,0 (16535 - 19842)	9,0 - 10,0 (19842 - 22046)	10,0 - 12,0 (22046 - 26456)	11,0 - 16,0 (24251 - 35274)	15,0 - 23,0 (33069 - 50706)
		TWIST 100	TWIST 100	TWIST 115		TWIST 125	TWIST 125	TWIST 160	TWIST 160	TWIST 180	TWIST 180	TWIST 240	TWIST 250
4	AR FAST LOCK MECHANICAL SEMI-AUTOMATIC	AR 15 S.A.	AR 30 S.A.	AR 40 S.A.		AR 50 S.A.	AR 50 S.A.	AR 70 S.A.	-	-	-	-	-
	AR FAST LOCK HYDRAULIC SINGLE EFFECT	AR 15 S.E.	AR 30 S.E.	AR 40 S.E.		AR 50 S.E.	AR 50 S.E.	AR 70 S.E.	-	-	-	-	-
5	CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC	CR 15 S.A.	CR 30 S.A.	CR 40 S.A.		CR 50 S.A.	CR 50 S.A.	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.	-	-
	CR TWIN LOCK HYDRAULIC SINGLE EFFECT	CR 15 S.E.	CR 30 S.E.	CR 40 S.E.		CR 50 S.E.	CR 50 S.E.	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.	-	-
	CR TWIN LOCK HYDRAULIC DOUBLE EFFECT / SWISS	CR 15 D.E.	CR 30 D.E.	CR 40 D.E.		CR 50 D.E.	CR 50 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	-	-
6	CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC	CS 10 S.A.	CS 10 S.A.	CS 30 S.A.		CS 30 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	-	-
	CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT	CS 10 S.E.	CS 10 S.E.	CS 30 S.E.		CS 30 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	-	-
	CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS	CS 10 D.E.	CS 10 D.E.	CS 30 D.E.		CS 30 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	-	-
7	CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS	-	-	-		-	-	-	-	-	-	CS 100 D.E.	CS 100 D.E.*
8	CM SICURMATIC MECHANICAL SEMI-AUTOMATIC / SWISS	CM 20 S.A.	CM 30 S.A.	CM 30 S.A.		CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	-	-	-
	CM SICURMATIC MECHANICAL SEMI-AUTOMATIC / SWISS	CM 30 S.A.											
	CM SICURMATIC HYDRAULIC DOUBLE EFFECT / SWISS	CM 30 D.E.	CM 30 D.E.	CM 30 D.E.		CM 100 D.E.	CM 100 D.E.	CM 100 D.E.	CM 100 D.E.	CM 100 D.E.	CM 180 D.E.	CM 180 D.E.	CM 180 D.E.*
9	S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC	S 30-150/180 S.A.	S 30-150/180 S.A.	S 40-200 S.A.		S 40-200 S.A.	S 40-200 S.A.	-	-	-	-	-	-
	S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT	S 30-150/180 D.E.	S 30-150/180 D.E.	S 40-200 D.E.		S 40-200 D.E.	S 40-200 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 60 D.E.	S 60 D.E.*
		S 50 D.E.	S 50 D.E.					S 50 D.E.	S 50 D.E.	S 50 D.E.	S 50 D.E.	-	-
10	PL PIN LOCK MECHANICAL	PL 10	PL 20	PL 40		PL 60	PL 60	PL 60	PL 80	PL 80	-	-	-
	PL PIN LOCK HYDRAULIC DOUBLE EFFECT	-	-	PL 40 D.E.		PL 60 D.E.	PL 60 D.E.	PL 60 D.E.	PL 80 D.E.	PL 80 D.E.	PL 100 D.E.	PL 100 D.E.	-
11	CW AUT'O'LOCK MECHANICAL SEMI-AUTOMATIC	CW 05 S.A.	CW 05 S.A.	CW 05 S.A.		CW 10 S.A.	CW 10 S.A.	CW 10 S.A.	CW 10 S.A.	CW 10 S.A.	-	-	-
12	CW HAND'O'LOCK MECHANICAL	CW 05	CW 05	CW 05		CW 10	CW 10	CW 10	CW 10	CW 10	-	-	-
	CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT	CW 05 D.E.	CW 05 D.E.	CW 05 D.E.		CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 20S D.E.	CW 20S D.E.	CW 30S D.E.

* MAX 18,00 TON



NB: AT THE TIME OF ORDER, PLEASE NOTIFY THE VOLTAGE OF THE ELECTRICAL SYSTEM (12-24 V)

TWIST KS HYDRAULIC ACTUATOR ALLOWS AN INCLINATION OF UP TO 180°, INCREASING FLEXIBILITY AND EFFICIENCY OF ALL EQUIPMENT TO SIMPLIFY THE DIGGING OPERATIONS ALSO IN PLACES DIFFICULT TO REACH. THE DESIGN IS COMPACT WITH MINIMAL HEIGHT AND LOW WEIGHT, WHILE ITS ROBUST STRUCTURE ENSURES A LONG WORKING LIFE.



TONS (LB)	1,0 - 2,9 (2204 - 6393)	2,5 - 5,5 (5511 - 12125)	5 - 7,5 (11023 - 16534)	6,0 - 10,0 (13227 - 22046)	9,0 - 14,0 (19841 - 30864)	12,0 - 19,0 (26455 - 41888)	16,0 - 23,0 (35274 - 50706)
MOD.	TWIST KS 02	TWIST KS 05	TWIST KS 07	TWIST KS 10	TWIST KS 14	TWIST KS 19	TWIST KS 23
A MM (IN)	255 (10)	362 (14)	347 (14)	433 (17)	513 (20)	558 (22)	646 (25)
B MM (IN)	110 (4)	140 (6)	146 (6)	170 (7)	288 (11)	338 (13)	400 (16)
C MM (IN)	150 (6)	190 (7)	191 (8)	245 (10)	255 (10)	262 (10)	315 (12)
KG (LB)	49 (108)	72 (159)	80 (176)	130 (287)	195 (430)	300 (661)	415 (915)
°	180	180	180	180	140	140	140
L/MIN (GAL/MIN)	8,0 (2)	10,0 (3)	15,0 (4)	20,0 (5)	28,0 (7)	35,0 (9)	35,0 (9)
BAR (PSI)	250 (3626)	250 (3626)	270 (3916)	310 (4496)	310 (4496)	310 (4496)	310 (4496)



STANDARD TECHNICAL FEATURES

- 1 BLOCK VALVE**
IT ENABLES TO KEEP THE POSITION DECIDED BY THE OPERATOR.

OPTIONAL

- 2 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB.
AVAILABLE IN SINGLE EFFECT VERSION (A) OR IN D.E. VERSION - DOUBLE EFFECT (B)

- 3 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE TWIST.

MATCHING QUICK COUPLERS

- 4 AR Fast Lock
- 5 CR Twin Lock • CR Twin Lock D.E. (+Swiss market)
- 6 CS Schnappmatic • CS Schnappmatic D.E. (+Swiss market)
- 7 CS Schnappmatic D.E. CS 100 (+Swiss market)
- 8 CM Sicurmatic • CM Sicurmatic D.E. (+Swiss market)
- 9 S Nordic System • S Nordic System D.E.
- 10 PL Pin Lock • PL Pin Lock D.E.
- 11 CW Aut'o'Lock
- 12 CW Hand'o'Lock • CW Hand'o'Lock D.E.

MATCHING QUICK COUPLERS



		TONS (LB)	1,0 - 2,9 (2204 - 6393)	2,5 - 4,0 (5511 - 8818)	4,0 - 5,5 (8818 - 12125)	5,0 - 6,0 (11023 - 13228)	6,0 - 7,5 (13228 - 16535)	6,0 - 7,0 (13228 - 15432)	7,0 - 10,0 (15432 - 22046)
			TWIST KS 02	TWIST KS 05	TWIST KS 05	TWIST KS 07		TWIST KS 10	
4		AR FAST LOCK MECHANICAL SEMI-AUTOMATIC	AR 15 S.A. AR 30 S.A.	AR 40 S.A.	AR 50 S.A.	AR 50 S.A.	AR 70 S.A.	AR 70 S.A.	-
		AR FAST LOCK HYDRAULIC SINGLE EFFECT	AR 15 S.E. AR 30 S.E.	AR 40 S.E.	AR 50 S.E.	AR 50 S.E.	AR 70 S.E.	AR 70 S.E.	-
5		CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC	CR 15 S.A. CR 30 S.A.	CR 30 S.A. CR 40 S.A.	CR 50 S.A.	CR 50 S.A.	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.
		CR TWIN LOCK HYDRAULIC SINGLE EFFECT	CR 15 S.E. CR 30 S.E.	CR 30 S.E. CR 40 S.E.	CR 50 S.E.	CR 50 S.E.	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.
		CR TWIN LOCK HYDRAULIC DOUBLE EFFECT / SWISS	CR 15 D.E. CR 30 D.E.	CR 30 D.E. CR 40 D.E.	CR 50 D.E.	CR 50 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.
6		CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC	CS 10 S.A.	CS 30 S.A.	CS 30 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.
		CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT	CS 10 S.E.	CS 30 S.E.	CS 30 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.
		CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS	CS 10 D.E.	CS 30 D.E.	CS 30 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.
7		CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS	-	-	-	-	-	-	-
8		CM SICURMATIC MECHANICAL SEMI-AUTOMATIC / SWISS	CM 20 S.A.	CM 30 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.
		CM SICURMATIC MECHANICAL SEMI-AUTOMATIC / SWISS	CM 30 S.A.	CM 30 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.
		CM SICURMATIC HYDRAULIC DOUBLE EFFECT / SWISS	CM 30 D.E.	CM 30 D.E.	CM 100 D.E.	CM 100 D.E.	CM 100 D.E.	CM 100 D.E.	CM 100 D.E.
9		S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC	S 30-150/180 S.A.	S 40-200 S.A.	S 40-200 S.A.	S 40-200 S.A.	-	-	-
		S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT	S 30-150/180 D.E.	S 40-200 D.E.	S 40-200 D.E.	S 40-200 D.E.	S 45 D.E. S 50 D.E.	S 45 D.E. S 50 D.E.	S 45 D.E. S 50 D.E.
10		PL PIN LOCK MECHANICAL	PL 10	PL 40	PL 60	PL 60	PL 60	PL 60	PL 80
		PL PIN LOCK HYDRAULIC DOUBLE EFFECT	-	PL 40 D.E.	PL 60 D.E.	PL 60 D.E.	PL 60 D.E.	PL 60 D.E.	PL 60 D.E.
11		CW AUT'O'LOCK MECHANICAL SEMI-AUTOMATIC	CW 05 S.A.	CW 05 S.A.	CW 10 S.A.	CW 10 S.A.	CW 10 S.A.	CW 10 S.A.	CW 10 S.A.
12		CW HAND'O'LOCK MECHANICAL	CW 05	CW 05	CW 10	CW 10	CW 10	CW 10	CW 10
		CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT	CW 05 D.E.	CW 05 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.

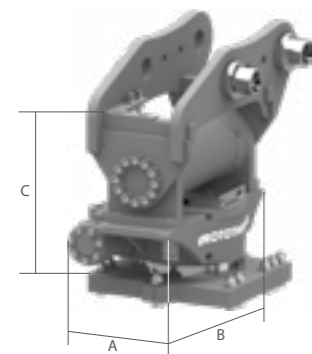
MATCHING QUICK COUPLERS



TONS (LB)		9,0 - 10,0 (19842 - 22046)	10,0 - 11,0 (22046 - 24250)	11,0 - 12,0 (24251 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 15,0 (26455 - 33069)	15,0 - 19,0 (33069 - 41888)	16,0 - 18,0 (35274 - 39683)	18,0 - 19,0 (39683 - 41888)	19,0 - 23,0 (41888 - 50706)
		TWIST KS 14			TWIST KS 14	TWIST KS 19		TWIST KS 23		
4	AR FAST LOCK MECHANICAL SEMI-AUTOMATIC	-	-	-	-	-	-	-	-	-
	AR FAST LOCK HYDRAULIC SINGLE EFFECT	-	-	-	-	-	-	-	-	-
5	CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.	-	-	-	-	-	-
	CR TWIN LOCK HYDRAULIC SINGLE EFFECT	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.	-	-	-	-	-	-
	CR TWIN LOCK HYDRAULIC DOUBLE EFFECT / SWISS	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	-	-	-	-	-	-
6	CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	-	-	-	-	-	-
	CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	-	-	-	-	-	-
	CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	-	-	-	-	-	-
7	CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS	-	-	-	CS 100 D.E.	CS 100 D.E.	CS 100 D.E.	CS 100 D.E.	CS 100 D.E.	-
8	CM SICURMATIC MECHANICAL SEMI-AUTOMATIC / SWISS	CM 100 S.A.	-	-	-	-	-	-	-	-
	CM SICURMATIC HYDRAULIC DOUBLE EFFECT / SWISS	CM 100 D.E.	CM 180 D.E.	CM 180 D.E.	CM 180 D.E.	CM 180 D.E.	CM 180 D.E.	CM 180 D.E.	-	-
9	S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC	-	-	-	-	-	-	-	-	-
	S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT	S 45 D.E.	S 45 D.E.	S 60 D.E.	S 60 D.E.	S 60 D.E.	S 60 D.E.	S 60 D.E.	-	-
10	PL PIN LOCK MECHANICAL	PL 80	-	-	-	-	-	-	-	-
	PL PIN LOCK HYDRAULIC DOUBLE EFFECT	PL 80 D.E.	PL 100 D.E.	PL 100 D.E.	PL 100 D.E.	PL 100 D.E.	-	-	-	-
11	CW AUT'O'LOCK MECHANICAL SEMI-AUTOMATIC	CW 10 S.A.	-	-	-	-	-	-	-	-
12	CW HAND'O'LOCK MECHANICAL	CW 10	-	-	-	-	-	-	-	-
	CW HAND'O'LOCK HYDRAULIC DOUBLE EFFECT	CW 10 D.E.	CW 20 D.E.	CW 20 D.E.	CW 20 D.E.	CW 20 D.E.	CW 30 D.E.	CW 30 D.E.	CW 30 D.E.	CW 30 D.E.



COMBINED WITH CANGINI'S HYDRAULIC QUICK COUPLERS THIS ROTARY HYDRAULIC ACTUATOR ENABLES TO TILT ANY ATTACHED TOOL BY 55° AND TO ROTATE IT BY 360°. THE USE OF DUAL CROSS RELIEF AND THROTTLE VALVES GRANTS EFFECTIVENESS AND RELIABILITY EVEN IN THE MOST DIFFICULT WORK CONDITIONS. HYDRAULIC JOINT FOR THE HYDRAULIC POWER SUPPLY OF THE TOOL ATTACHED TO THE ROTOTWIST.



TONS (LB)	1,2 - 2,5 (2646 - 5512)	2,5 - 3,5 (5512 - 7716)	3,5 - 6,0 (7716 - 13228)	6,0 - 9,0 (13228 - 19842)	9,0 - 12,0 (19842 - 26455)	12,0 - 15,0 (26455 - 33069)	14,0 - 20,0 (28000 - 40000)	
MOD.	ROTOTWIST 20	ROTOTWIST 35	ROTOTWIST 60	ROTOTWIST 90	ROTOTWIST 120	ROTOTWIST 150	ROTOTWIST 200	
A MM (IN)	326 (12,8)	326 (12,8)	350 (13,7)	455 (17,9)	455 (17,9)	520 (20,4)	520 (20,4)	
B MM (IN)	301 (11,8)	353 (13,8)	478 (18,8)	480 (18,8)	540 (21,2)	585 (23,0)	585 (23,0)	
C MM (IN)	293 (11,5)	303 (11,9)	339 (13,3)	414 (16,2)	421 (16,5)	459 (18,1)	570 (22,4)	
W/O COUPLER, PLATE AND QUICK COUPLER	KG (LB)	89 (196)	98 (216)	171 (377)	262 (578)	281 (619)	390 (869)	390 (869)
ROTOTWIST	L/MIN (GAL/MIN)	28 (7)	28 (7)	28 (7)	45 (12)	45 (12)	45 (12)	45 (12)
HYDRAULIC JOINT	L/MIN (GAL/MIN)	42 (11)	42 (11)	52 (13)	130 (34)	130 (34)	160 (42)	160 (42)



STANDARD TECHNICAL FEATURES

- 1 HYDRAULIC JOINT**
IT ENABLES TO FEED A TOOL APPLIED TO THE ROTOTWIST THROUGH A HYDRAULIC CONTROL.

OPTIONAL

- 2 HYDRAULIC INSTALLATION KIT**
WITH THE HYDRAULIC QUICK COUPLER THE INSTALLATION KIT CAN BE PROVIDED, INCLUDING SOLENOID VALVE AND ELECTRIC SWITCH WITH MAGNETS TO EASILY PUT IT INSIDE THE CAB. AVAILABLE IN SINGLE EFFECT VERSION (A) OR IN D.E. VERSION - DOUBLE EFFECT (B)
- 3 BLOCK VALVE**
IT ALLOWS TO MAINTAIN THE TOOL'S CHOSEN POSITION EVEN WITH MACHINES WITH OPEN CENTRE CIRCUITS AND IN CASE OF LEAKAGE
- 4 LIFTING HOOK**
A HOOK APPROVED FOR LIFTING OPERATIONS CAN BE WELDED DIRECTLY ON THE ROTOTWIST.

MATCHING QUICK COUPLERS

- 5** AR Fast Lock
- 6** CR Twin Lock • CR Twin Lock D.E. (+Swiss market)
- 7** CS Schnappmatic • CS Schnappmatic D.E. (+Swiss market)
- 8** CS Schnappmatic D.E. CS 100 (+Swiss market)
- 9** CM Sicurmatic • CM Sicurmatic D.E. (+Swiss market)
- 10** S Nordic System • S Nordic System D.E.
- 11** PL Pin Lock • PL Pin Lock D.E.
- 12** CW Aut'o'Lock
- 13** CW Hand'o'Lock • CW Hand'o'Lock D.E.

MATCHING QUICK COUPLERS

		TONS (LB)	2 - 2,5 (4409 - 5512)	2,5 - 3,5 (5512 - 7716)	3,5 - 4,0 (7716 - 8818)		4,0 - 5,0 (8818 - 11023)	5,0 - 6,0 (11023 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 9,0 (16535 - 19842)	9,0 - 10,0 (19842 - 22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 15,0 (26455 - 33069)	14,0 - 20,0 (28000 - 40000)
			ROTOTWIST 20	ROTOTWIST 35	ROTOTWIST 60		ROTOTWIST 60	ROTOTWIST 60	ROTOTWIST 90	ROTOTWIST 90	ROTOTWIST 120	ROTOTWIST 120	ROTOTWIST 150	ROTOTWIST 200
5		AR FAST LOCK MECHANICAL SEMI-AUTOMATIC	AR 30 S.A.	AR 40 S.A.	AR 40 S.A.		AR 50 S.A.	AR 50 S.A.	AR 70 S.A.	-	-	-	-	-
		AR FAST LOCK HYDRAULIC SINGLE EFFECT	AR 30 S.E.	AR 40 S.E.	AR 40 S.E.		AR 50 S.E.	AR 50 S.E.	AR 70 S.E.	-	-	-	-	-
6		CR TWIN LOCK MECHANICAL SEMI-AUTOMATIC	CR 30 S.A.	CR 30 S.A.	CR 40 S.A.		CR 50 S.A.	CR 50 S.A.	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.	CR 70 S.A.	-	-
		CR TWIN LOCK HYDRAULIC SINGLE EFFECT	CR 30 S.E.	CR 40 S.E.	CR 40 S.E.		CR 50 S.E.	CR 50 S.E.	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.	CR 70 S.E.	-	-
		CR TWIN LOCK HYDRAULIC DOUBLE EFFECT / SWISS	CR 30 D.E.	CR 40 D.E.	CR 50 D.E.		CR 50 D.E.	CR 50 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	CR 70 D.E.	-	-
7		CS SCHNAPPMATIC MECHANICAL SEMI-AUTOMATIC	CS 10 S.A.	CS 10 S.A.	CS 30 S.A.		CS 30 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	CS 80 S.A.	-	-
		CS SCHNAPPMATIC HYDRAULIC SINGLE EFFECT	CS 10 S.E.	CS 30 S.E.	CS 30 S.E.		CS 30 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	CS 80 S.E.	-	-
		CS SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS	CS 10 D.E.	CS 30 D.E.	CS 30 D.E.		CS 30 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	CS 80 D.E.	-	-
8		CS 100 SCHNAPPMATIC HYDRAULIC DOUBLE EFFECT / SWISS	-	-	-		-	-	-	-	-	-	CS 100 D.E.	CS 100 D.E.*
9		CM SICURMATIC MECHANICAL SEMI-AUTOMATIC / SWISS	CM 30 S.A.	CM 30 S.A.	CM 30 S.A.		CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	CM 100 S.A.	-	-	-
		CM SICURMATIC HYDRAULIC DOUBLE EFFECT / SWISS	CM 30 D.E.	CM 30 D.E.	CM 30 D.E.		CM 100 D.E.	CM 100 D.E.	CM 100 D.E.	CM 100 D.E.	CM 100 D.E.	CM 180 D.E.	CM 180 D.E.	CM 180 D.E.*
10		S NORDIC SYSTEM MECHANICAL SEMI-AUTOMATIC	S 30-150/180 S.A.	S 40-200 S.A.	S 40-200 S.A.		S 40-200 S.A.	S 40-200 S.A.	-	-	-	-	-	-
		S NORDIC SYSTEM HYDRAULIC DOUBLE EFFECT	S 30-150/180 D.E.	S 30-150/180 D.E.	S 40-200 D.E.		S 40-200 D.E.	S 40-200 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 45 D.E.	S 60 D.E.	S 60 D.E.*
11		PL PIN LOCK MECHANICAL	PL 20	PL 40	PL 40		PL 60	PL 60	PL 60	PL 80	PL 80	PL 80	-	-
		PL PIN LOCK HYDRAULIC DOUBLE EFFECT	-	PL 40 D.E.	PL 60 D.E.		PL 60 D.E.	PL 60 D.E.	PL 60 D.E.	PL 80 D.E.	PL 80 D.E.	PL 100 D.E.	PL 100 D.E.	-
12		CW AUTO LOCK MECHANICAL SEMI-AUTOMATIC	CW 05 SM S.A.	CW 05 SM S.A.	CW 05 SM S.A.		CW 10 SM S.A.	CW 10 SM S.A.	CW 10 SM S.A.	CW 10 SM S.A.	CW 10 SM S.A.	-	-	-
13		CW HAND O LOCK MECHANICAL	CW 05	CW 05	CW 05		CW 10	CW 10	CW 10	CW 10	CW 10	-	-	-
		CW HAND O LOCK HYDRAULIC DOUBLE EFFECT	CW 05 D.E.	CW 05 D.E.	CW 05 D.E.		CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 10 D.E.	CW 20S D.E.	CW 20S D.E.	CW 30S D.E.

* MAX 18,00 TON

BOLTED-IN ADAPTER PLATE



IT CAN BE MANUFACTURED FOR ANY BRAND OR MODEL OF HAMMER. IT ENABLE THE COUPLING TO THE MACHINE WITH FIXED OR QUICK COUPLER.

OPTIONAL

1 "CASTLE" STRUCTURE

IT'S NECESSARY IN CASE THE HITCH OF THE MACHINE SHOULD INTERFERE WITH THE HOLES ON THE PLATE OR WITH PARTICULAR CONFIGURATIONS OF THE HAMMER.

SM38 MACHINE WEIGHT 0,6 - 1,8 t (1323 - 3968 lb)



AR15
CR15
CS10
CS10 JANUS PRO
PL10 PIN LOCK
CW05 AUTO'O'LOCK
S
CM

OPTIONAL

"CASTLE" STRUCTURE

SM67 MACHINE WEIGHT 5,0 - 6,0 t (11023 - 13228 lb)



AR50
CR50
CS30
CS30 JANUS PRO
PL60 PIN LOCK
CW10 AUTO'O'LOCK
S
CM

OPTIONAL

"CASTLE" STRUCTURE

SM45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)



AR30
CR30
CS10
CS10 JANUS PRO
PL20 PIN LOCK
CW05 AUTO'O'LOCK
S
CM

OPTIONAL

"CASTLE" STRUCTURE

SM67 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)



AR70
CR70
CS80
CS80 JANUS PRO
PL60 PIN LOCK
CW10 AUTO'O'LOCK
S
CM

OPTIONAL

"CASTLE" STRUCTURE

SM53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



AR40
CR40
CS30
CS30 JANUS PRO
PL40 PIN LOCK
CW05 AUTO'O'LOCK
S
CM

OPTIONAL

"CASTLE" STRUCTURE

SM73 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)



CR70
CS80
CS10 JANUS PRO
PL80 PIN LOCK
CW10 AUTO'O'LOCK
S
CM

OPTIONAL

"CASTLE" STRUCTURE

SM62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



AR50
CR50
CS30
CS30 JANUS PRO
PL60 PIN LOCK
CW10 AUTO'O'LOCK
S
CM

OPTIONAL

"CASTLE" STRUCTURE

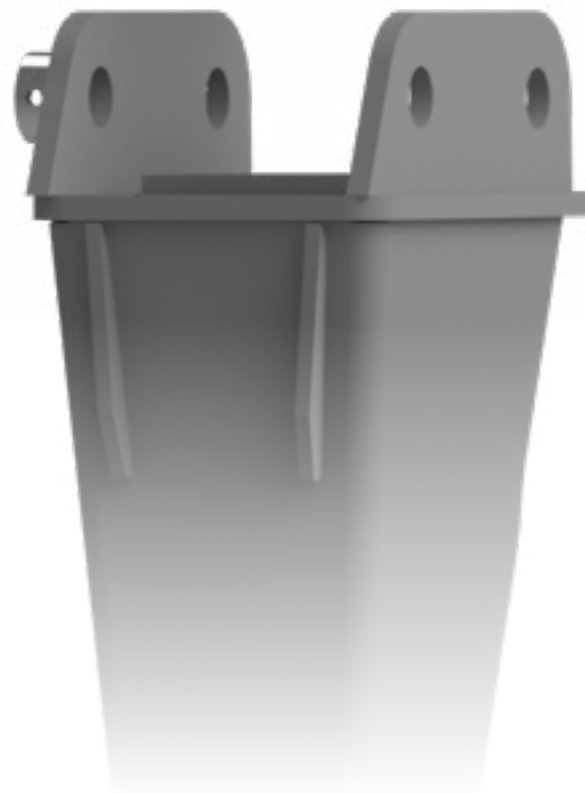
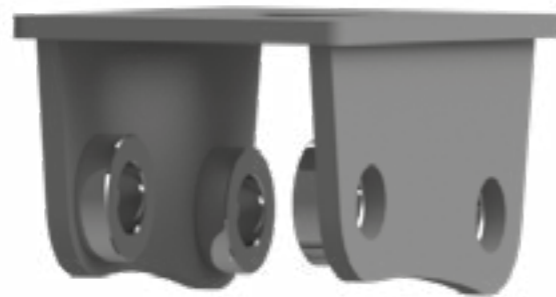
SM80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



CR70
CS80
CS80 JANUS PRO
PL10 PIN LOCK
CW10 AUTO'O'LOCK
S
CM

OPTIONAL

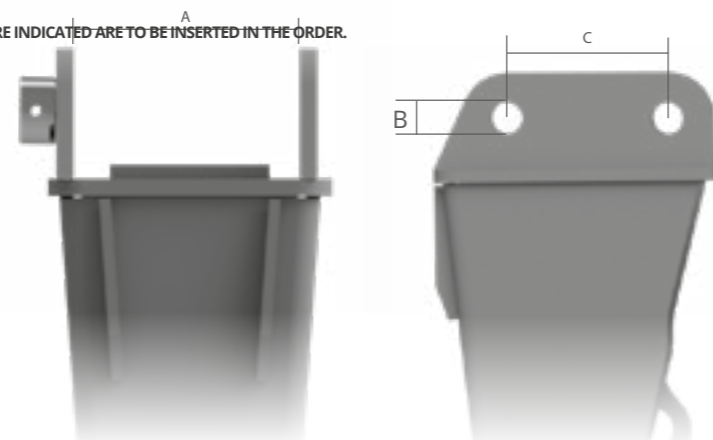
"CASTLE" STRUCTURE



IT CAN BE MANUFACTURED FOR ANY BRAND OR MODEL OF HAMMER. IT ENABLE THE COUPLING TO THE MACHINE WITH FIXED OR QUICK COUPLER.

TECHNICAL NOTE

THE A, B AND C MEASURES HERE INDICATED ARE TO BE INSERTED IN THE ORDER.



SM38 MACHINE WEIGHT 0,6 - 1,8 t (1323 - 3968 lb)



AR15
CR15
CS10
CS10 JANUS PRO
PL10 PIN LOCK
CW05 AUTO'LOCK
S
CM

SM67 MACHINE WEIGHT 5,0 - 6,0 t (11023 - 13228 lb)



AR50
CR50
CS30
CS30 JANUS PRO
PL60 PIN LOCK
CW10 AUTO'LOCK
S
CM

SM45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)



AR30
CR30
CS10
CS10 JANUS PRO
PL20 PIN LOCK
CW05 AUTO'LOCK
S
CM

SM67 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)



AR70
CR70
CS80
CS80 JANUS PRO
PL60 PIN LOCK
CW10 AUTO'LOCK
S
CM

SM53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



AR40
CR40
CS30
CS30 JANUS PRO
PL40 PIN LOCK
CW05 AUTO'LOCK
S
CM

SM73 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)



CR70
CS80
CS80 JANUS PRO
PL80 PIN LOCK
CW10 AUTO'LOCK
S
CM

SM62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



AR50
CR50
CS30
CS30 JANUS PRO
PL60 PIN LOCK
CW10 AUTO'LOCK
S
CM

SM80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



CR70
CS80
CS80 JANUS PRO
PL100 PIN LOCK
CW10 AUTO'LOCK
S
CM



DIGGING BUCKET	138	SC	
DITCH CLEANING BUCKET	154	SP	
TILTING DITCH CLEANING BUCKET	162	SQ	
SKELETON BUCKET	170	VE	
TRAPEZOIDAL BUCKET	178	T	

STONE BUCKET	186	SCR	
STONE BUCKET FOR STONE BLOCKS	200	SB	
REINFORCED DITCH CLEANING BUCKET	212	SPR	
REINFORCED TILTING DITCH CLEANING BUCKET	220	SQR	



ITS SHAPE HAS BEEN CONCEIVED TO HELP THE TOOL TO PENETRATE MEDIUM-CONSISTENCY SOILS.



STANDARD TECHNICAL FEATURES

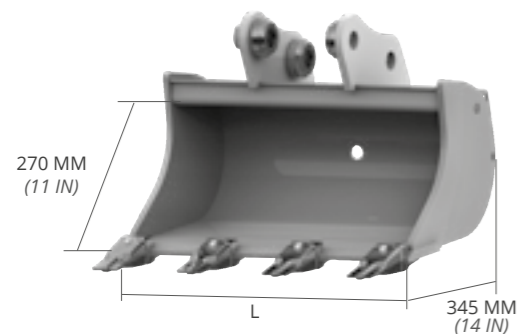
- 1 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 DF TEETH DC TEETH DTE TEETH**

OPTIONAL

- 3 GRADING EDGE**
INSTALLED DIRECTLY ON THE ADAPTERS OF THE WELDED TEETH. THIS PATTERN MAKES THE INSTALLING/UNINSTALLING OPERATIONS EASIER AND GRANTS A HIGH RESISTANCE TO THE BUCKET.
- 4 HB500 WELDED ADDITIONAL CUTTING EDGE (NO TEETH)**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

MOD.	MIDI EXCAVATOR												
	SC27	SC36	SC38	SC45	SC53	SC62	SC67	SC73	SC80	SC85	SC92 GD	SC100GD	SC110GD
TONS (LB)	0,6 - 1,2 (1323 - 2646)	1,2 - 1,8 (2646 - 3968)	1,2 - 1,8 (2646 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 5,0 (8818 - 11023)	5,0 - 7,5 (11023 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 14,0 (26455 - 30865)	14,0 - 18,0 (30865 - 39683)	18,0 - 22,0 (39683 - 48502)

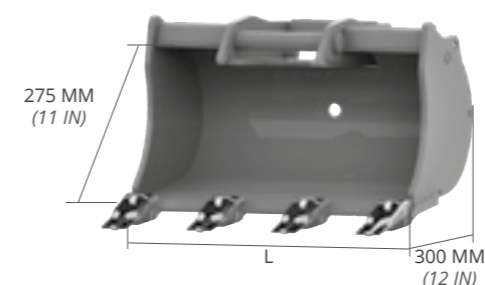
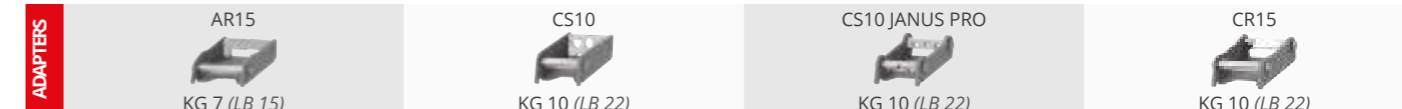
SC27 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
200 (8)	11 (24)	10 (2,6)	2	AF S - CM CW
250 (10)	13 (29)	14 (3,7)	DF2 DC3 DE3	AF S - CM CW
300 (12)	15 (33)	18 (4,8)	3	AF S - CM CW
350 (14)	17 (37)	21 (5,5)	3	AF S - CM CW
400 (16)	18 (40)	25 (6,6)	3	AF S - CM CW
450 (18)	20 (44)	30 (7,9)	3	AF S - CM CW
500 (20)	22 (49)	34 (9,0)	4	AF S - CM CW
600 (24)	26 (57)	42 (11,1)	4	AF S - CM CW
700 (28)	30 (66)	50 (13,2)	5	AF S - CM CW

* weight of the tank excluding attachment

SC27 QUICK COUPLER MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
200 (8)	11 (24)	10 (2,6)	2	AR - CS CR CS JANUS PRO
250 (10)	13 (29)	14 (3,7)	DF2 DC3 DE3	AR - CS CR CS JANUS PRO
300 (12)	15 (33)	18 (4,8)	3	AR - CS CR CS JANUS PRO
350 (14)	17 (37)	21 (5,5)	3	AR - CS CR CS JANUS PRO
400 (16)	18 (40)	25 (6,6)	3	AR - CS CR CS JANUS PRO
450 (18)	20 (44)	30 (7,9)	3	AR - CS CR CS JANUS PRO
500 (20)	22 (49)	34 (9,0)	4	AR - CS CR CS JANUS PRO
600 (24)	26 (57)	42 (11,1)	4	AR - CS CR CS JANUS PRO
700 (28)	30 (66)	50 (13,2)	5	AR - CS CR CS JANUS PRO

* weight of the tank excluding attachment

OPTIONAL

3 SUPPLEMENTARY BLADE

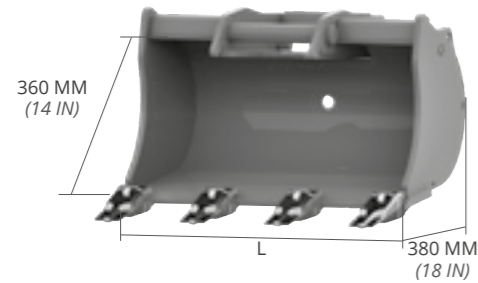
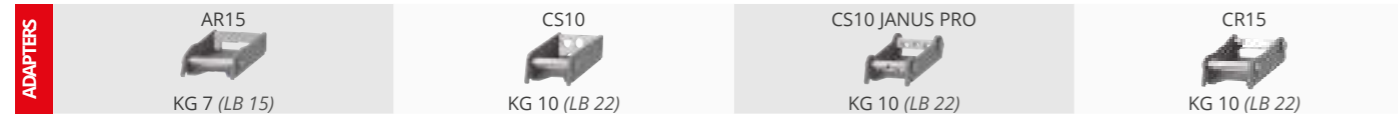
4 HB500 WELDED ADDITIONAL CUTTING EDGE

OPTIONAL

3 SUPPLEMENTARY BLADE

4 HB500 WELDED ADDITIONAL CUTTING EDGE

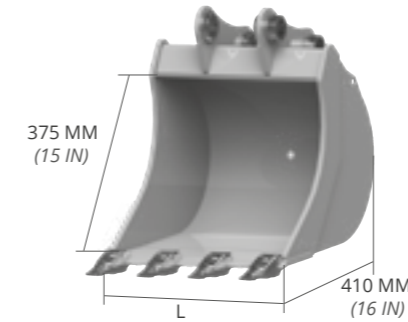
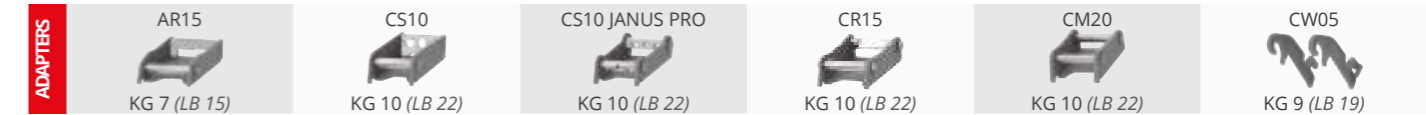
SC36 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
200 (8)	15 (33)	15 (4,0)	2	AR - CS CR CS JANUS PRO
250 (10)	17 (37)	20 (5,3)	DF2 DC3 DE3	AR - CS CR CS JANUS PRO
300 (12)	19 (42)	25 (6,6)	3	AR - CS CR CS JANUS PRO
350 (14)	21 (46)	31 (8,2)	3	AR - CS CR CS JANUS PRO
400 (16)	24 (53)	37 (9,8)	3	AR - CS CR CS JANUS PRO
450 (18)	27 (60)	43 (11,4)	3	AR - CS CR CS JANUS PRO
500 (20)	30 (66)	49 (12,4)	4	AR - CS CR CS JANUS PRO
600 (24)	34 (75)	61 (16,1)	4	AR - CS CR CS JANUS PRO
700 (28)	39 (86)	74 (19,5)	5	AR - CS CR CS JANUS PRO

* weight of the tank excluding attachment

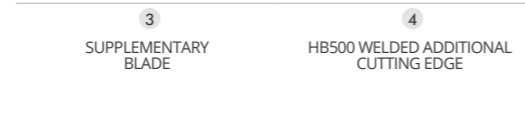
SC38 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)



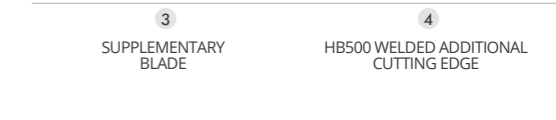
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
200 (8)	15 (33)	15 (4,0)	2	AF - AR - CS CR - CM CW - CS JANUS PRO
250 (10)	17 (37)	20 (5,3)	DF2 DC3 DE3	AF - AR - CS CR - CM CW - CS JANUS PRO
300 (12)	19 (42)	25 (6,6)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
350 (14)	21 (46)	31 (8,2)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
400 (16)	24 (53)	37 (9,8)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
450 (18)	27 (60)	43 (11,4)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
500 (20)	30 (66)	49 (12,4)	4	AF - AR - CS CR - CM CW - CS JANUS PRO
600 (24)	34 (75)	61 (16,1)	4	AF - AR - CS CR - CM CW - CS JANUS PRO
700 (28)	39 (86)	74 (19,5)	5	AF - AR - CS CR - CM CW - CS JANUS PRO

* weight of the tank excluding attachment

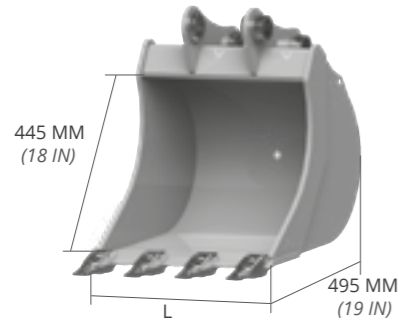
OPTIONAL



OPTIONAL



SC45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

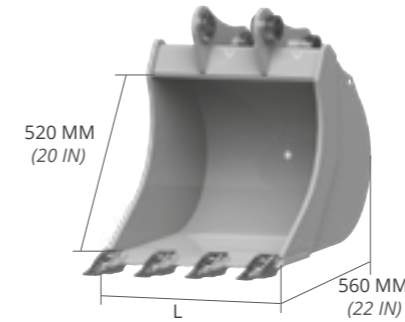
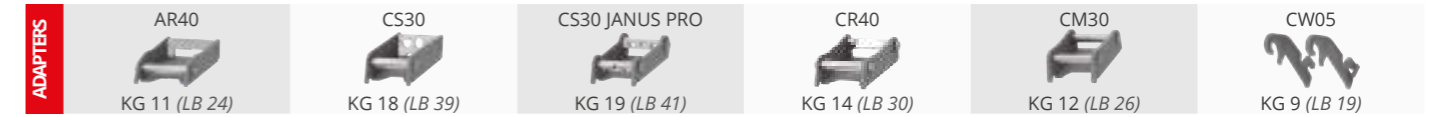


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
-----------------	------------------------	------------------------	-------------	----------

250 (10)	23 (51)	25 (6,6)	2	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
300 (12)	26 (57)	33 (8,7)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	29 (64)	40 (10,6)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	32 (71)	48 (12,7)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	35 (77)	56 (14,8)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	38 (84)	65 (17,2)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	44 (97)	82 (21,7)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	50 (110)	100 (26,4)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	58 (128)	117 (30,9)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

SC53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
-----------------	------------------------	------------------------	-------------	----------

250 (10)	32 (71)	32 (8,5)	2	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
300 (12)	35 (77)	41 (10,8)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	40 (88)	51 (13,5)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	44 (97)	61 (16,1)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	48 (106)	72 (19,0)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	51 (112)	82 (21,7)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	59 (130)	105 (27,7)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	67 (148)	127 (33,5)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	75 (165)	152 (40,2)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
900 (35)	83 (183)	175 (46,2)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

OPTIONAL

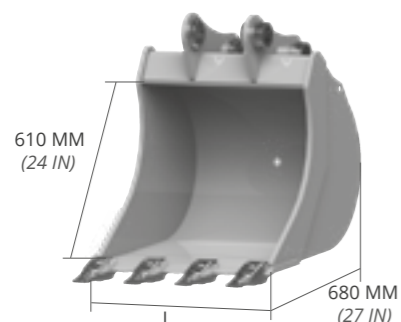
3	4
SUPPLEMENTARY BLADE	HB500 WELDED ADDITIONAL CUTTING EDGE

OPTIONAL

3	4
SUPPLEMENTARY BLADE	HB500 WELDED ADDITIONAL CUTTING EDGE

SC62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)

ADAPTERS	AR50	CS30	CS30 JANUS PRO	CR50	CM100	CW10
	KG 17 (LB 37)	KG 18 (LB 39)	KG 19 (LB 41)	KG 22 (LB 48)	KG 35 (LB 77)	KG 23 (LB 50)

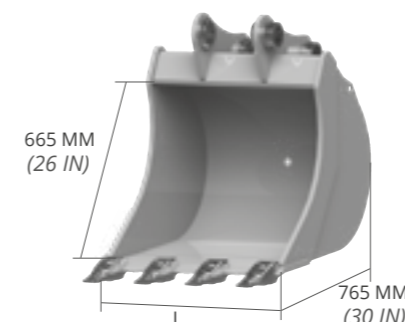


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
250 (10)	48 (106)	45 (11,9)	2	AF - AR - CS CR - CM CW - CS JANUS PRO
300 (12)	53 (117)	58 (15,3)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
350 (14)	58 (128)	71 (18,8)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
400 (16)	63 (139)	85 (22,5)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
450 (18)	68 (150)	100 (26,4)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
500 (20)	73 (161)	115 (30,4)	4	AF - AR - CS CR - CM CW - CS JANUS PRO
600 (24)	84 (185)	147 (38,8)	4	AF - AR - CS CR - CM CW - CS JANUS PRO
700 (28)	95 (209)	180 (47,6)	5	AF - AR - CS CR - CM CW - CS JANUS PRO
800 (31)	106 (234)	213 (56,3)	5	AF - AR - CS CR - CM CW - CS JANUS PRO
900 (35)	117 (258)	248 (65,5)	6	AF - AR - CS CR - CM CW - CS JANUS PRO
1000 (39)	128 (282)	282 (74,5)	6	AF - AR - CS CR - CM CW - CS JANUS PRO

* weight of the tank excluding attachment

SC67 MACHINE WEIGHT 5,0 - 7,5 t (11023 - 16535 lb)

ADAPTERS	AR50	AR70	CS80	CS80 JANUS PRO	CR50	CR70	CM100	CW10
	KG 17 (LB 37)	KG 24 (LB 52)	KG 44 (LB 97)	KG 46 (LB 101)	KG 22 (LB 48)	KG 34 (LB 75)	KG 35 (LB 77)	KG 23 (LB 50)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
300 (12)	70 (154)	68 (18,0)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
350 (14)	78 (172)	84 (22,2)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
400 (16)	85 (187)	101 (26,7)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
450 (18)	92 (203)	118 (31,2)	3	AF - AR - CS CR - CM CW - CS JANUS PRO
500 (20)	99 (218)	137 (36,2)	4	AF - AR - CS CR - CM CW - CS JANUS PRO
600 (24)	114 (251)	174 (46,0)	4	AF - AR - CS CR - CM CW - CS JANUS PRO
700 (28)	128 (282)	214 (56,5)	5	AF - AR - CS CR - CM CW - CS JANUS PRO
800 (31)	142 (313)	254 (67,1)	5	AF - AR - CS CR - CM CW - CS JANUS PRO
900 (35)	156 (344)	295 (77,9)	6	AF - AR - CS CR - CM CW - CS JANUS PRO
1000 (39)	170 (375)	338 (89,3)	6	AF - AR - CS CR - CM CW - CS JANUS PRO

* weight of the tank excluding attachment

OPTIONAL

3

SUPPLEMENTARY
BLADE

4

HB500 WELDED ADDITIONAL
CUTTING EDGE

OPTIONAL

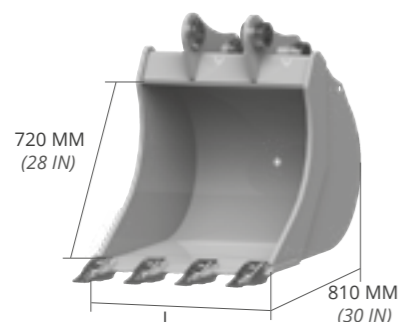
3

SUPPLEMENTARY
BLADE

4

HB500 WELDED ADDITIONAL
CUTTING EDGE

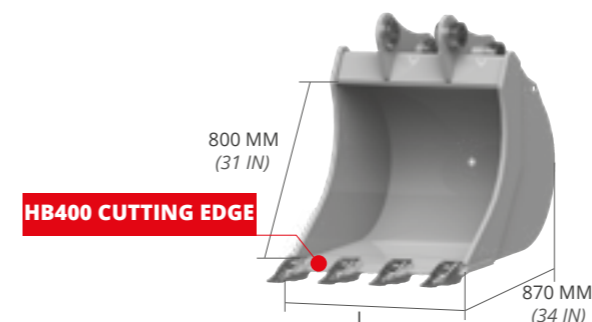
SC73 MACHINE WEIGHT 7,5 - 10,0 t (116535 - 22046 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
300 (12)	82 (181)	76 (20,1)	2	AF - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	89 (196)	94 (24,8)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	94 (207)	113 (29,9)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	103 (227)	133 (35,1)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	111 (245)	153 (40,4)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	127 (280)	196 (51,8)	4	AF - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	143 (315)	240 (63,4)	4	AF - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	159 (351)	286 (75,6)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO
900 (35)	175 (386)	333 (88,0)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO
1000 (39)	191 (421)	379 (100,1)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO
1100 (43)	207 (456)	430 (113,6)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

SC80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
300 (12)	102 (225)	86 (22,7)	2	AF - CS
				CR - CM - CS JANUS PRO
				CW
350 (14)	110 (243)	107 (28,3)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
400 (16)	121 (267)	129 (34,1)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
450 (18)	130 (287)	151 (39,9)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
500 (20)	139 (306)	174 (46,0)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
600 (24)	157 (346)	222 (58,6)	4	AF - CS
				CR - CM - CS JANUS PRO
				CW
700 (28)	175 (386)	273 (72,1)	4	AF - CS
				CR - CM - CS JANUS PRO
				CW
800 (31)	191 (421)	325 (85,9)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
900 (35)	209 (461)	379 (100,1)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
1000 (39)	226 (498)	433 (114,4)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
1100 (43)	244 (538)	486 (128,4)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
1200 (47)	262 (578)	546 (144,2)	6	AF - CS
				CR - CM - CS JANUS PRO
				CW
1300 (51)	280 (617)	602 (159,0)	6	AF - CS
				CR - CM - CS JANUS PRO
				CW

* weight of the tank excluding attachment

OPTIONAL

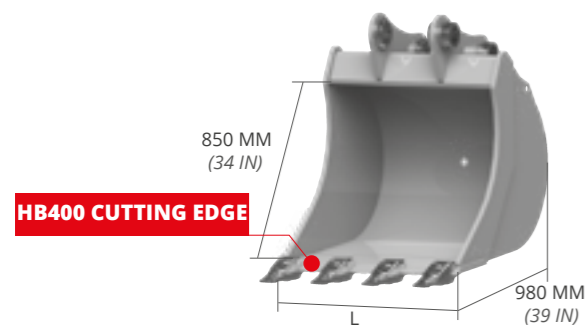
3	4
SUPPLEMENTARY BLADE	HB500 WELDED ADDITIONAL CUTTING EDGE

OPTIONAL

3	4
SUPPLEMENTARY BLADE	HB500 WELDED ADDITIONAL CUTTING EDGE

SC85 MIDI MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

ADAPTERS	CS100 KG 45 (LB 99)	CS100 JANUS PRO KG 93 (LB 205)	CM180 KG 66 (LB 145)	CW20 KG 57 (LB 126)
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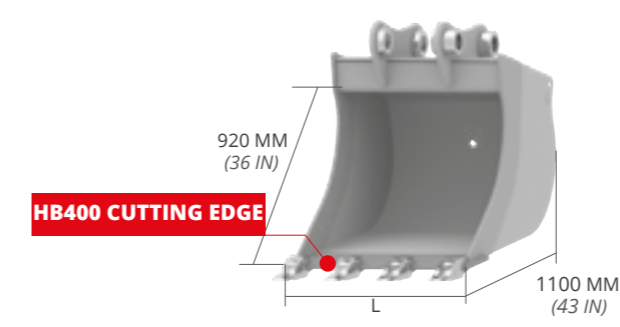


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
400 (16)	170 (375)	171 (45,2)	3	AF - CM
				CS - CW
				CS JANUS PRO
500 (20)	190 (419)	235 (62,1)	3	AF - CM
				CS - CW
				CS JANUS PRO
600 (24)	210 (463)	300 (79,3)	4	AF - CM
				CS - CW
				CS JANUS PRO
700 (28)	230 (507)	368 (97,2)	4	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	250 (551)	438 (115,7)	5	AF - CM
				CS - CW
				CS JANUS PRO
900 (35)	270 (595)	510 (134,7)	5	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	291 (642)	584 (154,3)	5	AF - CM
				CS - CW
				CS JANUS PRO
1100 (43)	312 (688)	657 (173,6)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	333 (734)	730 (192,8)	6	AF - CM
				CS - CW
				CS JANUS PRO
1300 (51)	354 (780)	810 (214,0)	6	AF - CM
				CS - CW
				CS JANUS PRO

* weight of the tank excluding attachment

SC92 GD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

ADAPTERS	CS100 KG 45 (LB 99)	CS100 JANUS PRO KG 93 (LB 205)	CM180 KG 66 (LB 145)	CW20 KG 54 (LB 126)
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L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
400 (16)	185 (407)	250 (66)	3	AF - CM
				CS - CW
				CS JANUS PRO
500 (20)	213 (469)	315 (83)	3	AF - CM
				CS - CW
				CS JANUS PRO
600 (24)	228 (503)	380 (100,4)	4	AF - CM
				CS - CW
				CS JANUS PRO
700 (28)	251 (553)	450 (118,9)	4	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	281 (619)	560 (147,9)	5	AF - CM
				CS - CW
				CS JANUS PRO
900 (35)	309 (681)	620 (163,8)	5	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	350 (772)	700 (184,9)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	403 (888)	900 (237,7)	6	AF - CM
				CS - CW
				CS JANUS PRO

* weight of the tank excluding attachment

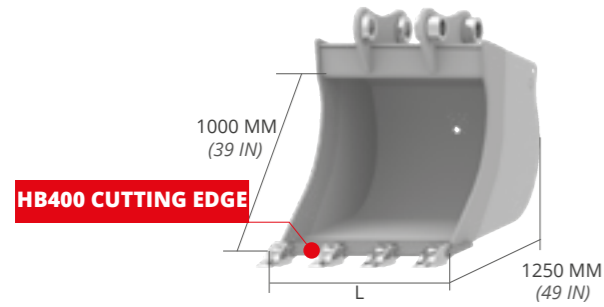
OPTIONAL

3	4
SUPPLEMENTARY BLADE	HB500 WELDED ADDITIONAL CUTTING EDGE

OPTIONAL

3	4
SUPPLEMENTARY BLADE	HB500 WELDED ADDITIONAL CUTTING EDGE

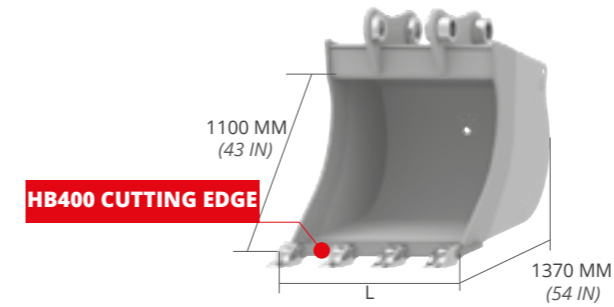
SC100 GD MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
400 (16)	250 (511)	300 (79)	3	AF - CM
				CS - CW
				CS JANUS PRO
500 (20)	287 (632)	370 (98)	3	AF - CM
				CS - CW
				CS JANUS PRO
600 (24)	316 (697)	450 (118,9)	3	AF - CM
				CS - CW
				CS JANUS PRO
700 (28)	355 (783)	535 (141,3)	4	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	394 (869)	620 (163,7)	4	AF - CM
				CS - CW
				CS JANUS PRO
900 (35)	433 (955)	710 (187,5)	4	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	472 (1041)	800 (211,3)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	550 (1213)	980 (258,8)	5	AF - CM
				CS - CW
				CS JANUS PRO

* weight of the tank excluding attachment

SC110 GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	412 (908)	480 (126,8)	3	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	502 (1107)	690 (182,3)	4	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	592 (1305)	900 (237,7)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	682 (1504)	1110 (293,2)	5	AF - CM
				CS - CW
				CS JANUS PRO
1300 (52)	727 (1603)	1220 (322,2)	6	AF - CM
				CS - CW
				CS JANUS PRO
1400 (55)	772 (1702)	1330 (351,3)	6	AF - CM
				CS - CW
				CS JANUS PRO

* weight of the tank excluding attachment

OPTIONAL

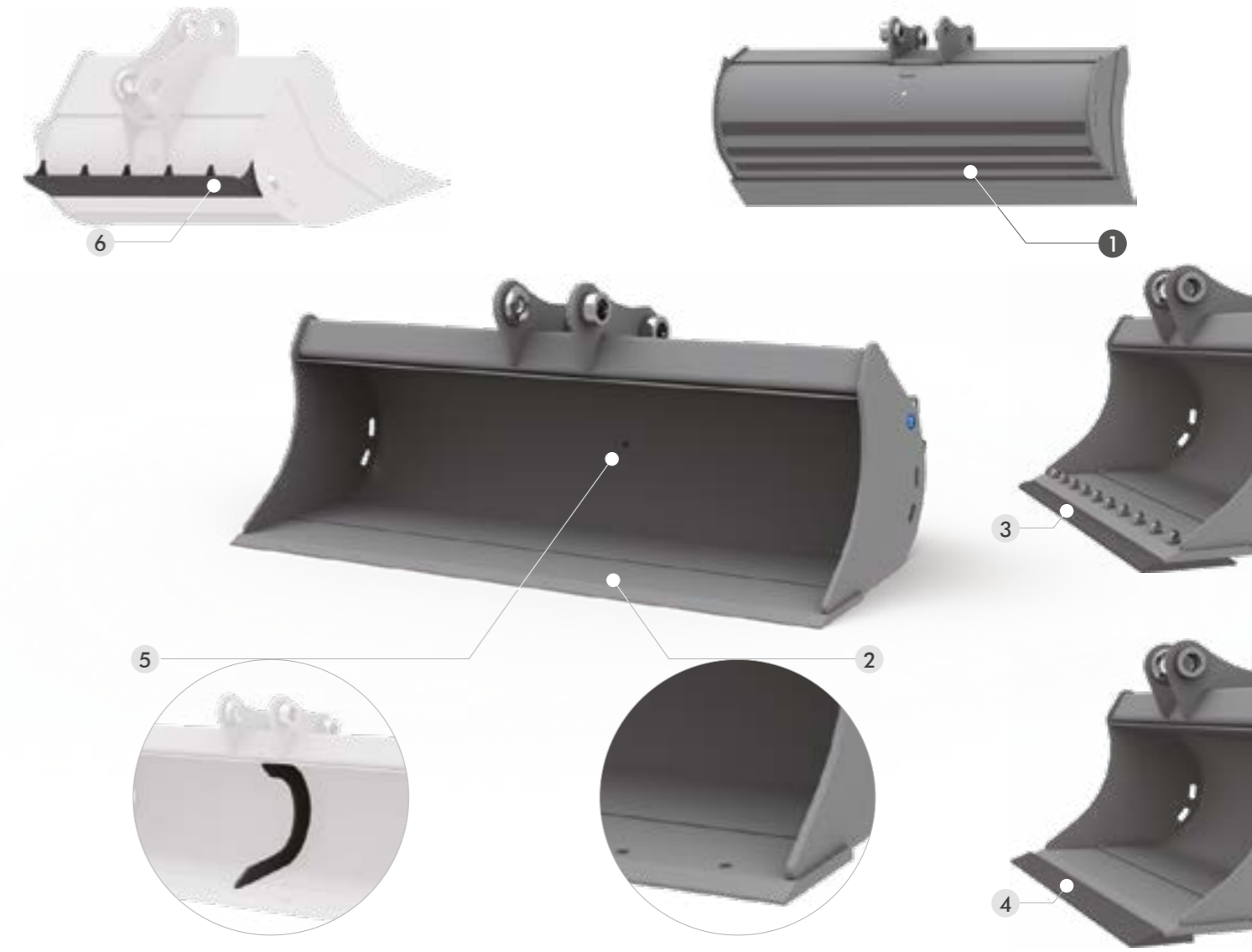
3 SUPPLEMENTARY BLADE

4 HB500 WELDED ADDITIONAL CUTTING EDGE

OPTIONAL

3 SUPPLEMENTARY BLADE

4 HB500 WELDED ADDITIONAL CUTTING EDGE



STANDARD TECHNICAL FEATURES

- 1 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.

OPTIONAL

- 2 PERFORATED BLADE**
- 3 HB400 ADDITIONAL BOLT-ON REVERSIBLE CUTTING EDGE**
BOLTED-IN HB400 REVERSIBLE UNDERBLADE. RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.
- 4 HB500 WELDED ADDITIONAL EDGE**
- 5 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 6 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.

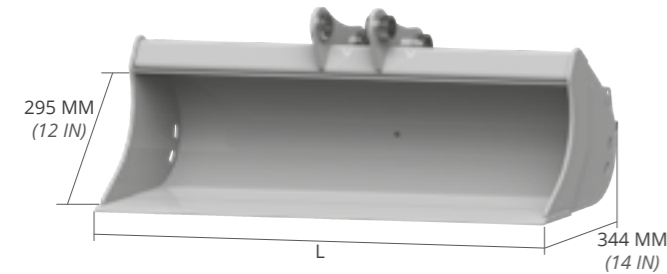
ITS ENLARGED AND LOW-PROFILE SHAPE MAKES IT SUITABLE FOR THE REALIZATION AND MAINTENANCE OF DRAINS, DITCHES AND EARTH BANKS. SUPPLIED WITH HOLES ON WALLS AND BOTTOM FOR THE WATER DRAINAGE.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1600 MM: NR. 2 BEZELS
- WIDTH FROM 1800 TO 2200 MM: NR. 3 BEZELS

MOD.	MIDI EXCAVATOR							EXCAVATOR		
	SP30	SP35	SP40	SP40	SP45	SP50	SP55	SP60	SP65 GD	SP70 GD
TONS (LB)	0,6 - 1,2 (1323 - 2646)	1,2 - 1,8 (2646 - 3968)	2,0 - 2,5 (4409 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 5,0 (8818 - 11023)	5,0 - 7,5 (11023 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 18,0 (26456 - 39683)	18,0 - 22,0 (39683 - 48502)

SP30 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

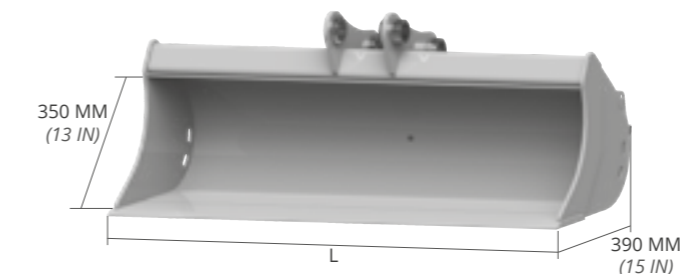
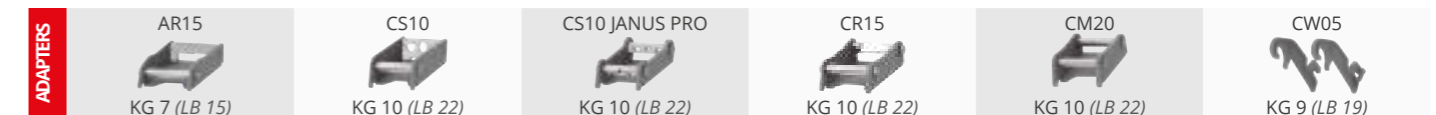


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
600 (24)	28 (62)	41 (10,8)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
800 (31)	37 (82)	58 (15,3)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1000 (39)	46 (101)	74 (19,5)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

6
REAR RAZOR

SP35 MACHINE WEIGHT - 1,2 - 1,8 t (2646 - 3968 lb)

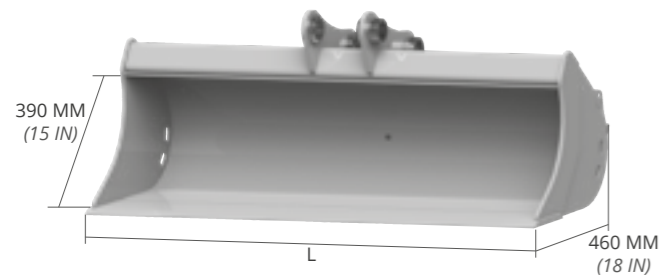
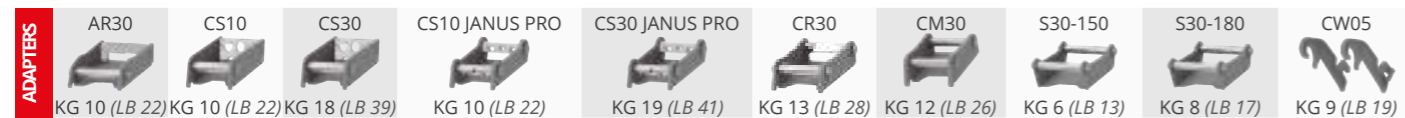


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	44 (97)	75 (19,8)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1000 (39)	53 (117)	96 (25,4)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1200 (47)	62 (137)	117 (30,9)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

2 PERFORATED BLADE
3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
4 HB500 WELDED ADDITIONAL EDGE
6 REAR RAZOR

SP40 MACHINE WEIGHT 2,0 - 2,5 t (4409 - 5512 lb)

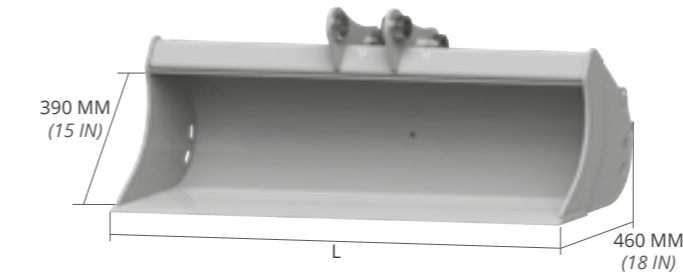


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	72 (159)	125 (33,0)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1200 (47)	85 (187)	154 (40,7)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

2 PERFORATED BLADE
3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
4 HB500 WELDED ADDITIONAL EDGE
5 BEZEL
6 REAR RAZOR

SP40 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	72 (159)	125 (33,0)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1200 (47)	85 (187)	154 (40,7)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	98 (216)	182 (48,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

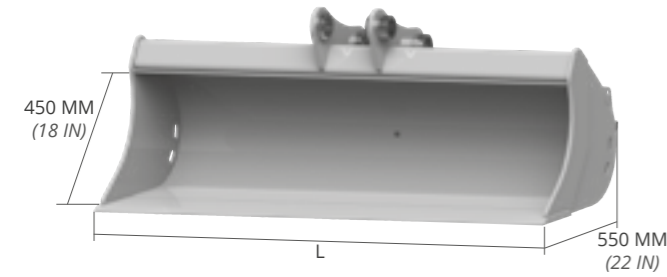
OPTIONAL

2 PERFORATED BLADE
3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
4 HB500 WELDED ADDITIONAL EDGE
5 BEZEL
6 REAR RAZOR

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SP45 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)

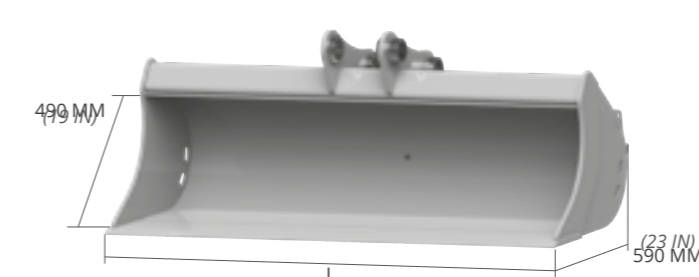
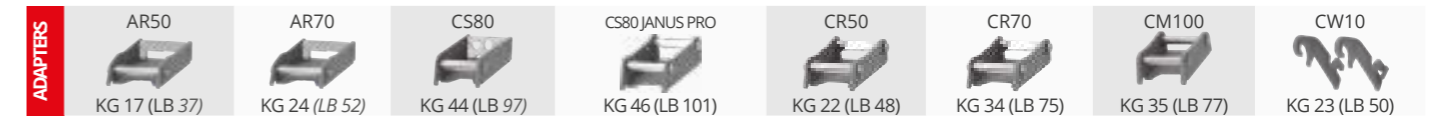


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	113 (249)	213 (56,3)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	130 (287)	254 (67,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1500 (59)	138 (304)	274 (72,4)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1600 (63)	146 (322)	295 (78)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 2 PERFORATED BLADE
- 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 4 HB500 WELDED ADDITIONAL EDGE
- 5 BEZEL
- 6 REAR RAZOR

SP50 SP50 MACHINE WEIGHT 5,0 - 7,5 t (11012 - 16535 lb)

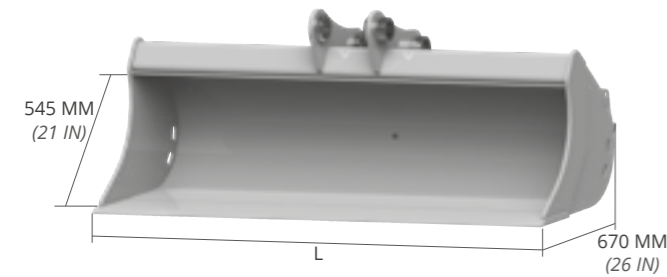


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	136 (300)	250 (66,0)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	156 (344)	298 (78,8)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1600 (63)	176 (388)	345 (91,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1800 (71)	196 (432)	392 (103,6)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 2 PERFORATED BLADE
- 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 4 HB500 WELDED ADDITIONAL EDGE
- 5 BEZEL
- 6 REAR RAZOR

SP55 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

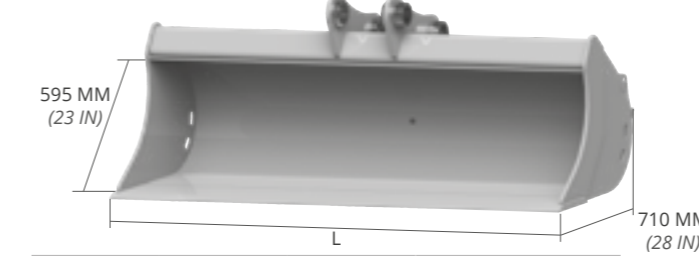


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	183 (403)	326 (86,1)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	209 (461)	387 (102,2)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1600 (63)	236 (520)	447 (118,1)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1800 (71)	263 (580)	507 (133,9)	AF - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 2 PERFORATED BLADE
- 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 4 HB500 WELDED ADDITIONAL EDGE
- 5 BEZEL
- 6 REAR RAZOR

SP60 MIDI MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	218 (481)	367 (97,0)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1400 (55)	248 (547)	436 (115,2)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1600 (63)	280 (617)	504 (133,1)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1800 (71)	310 (683)	573 (151,4)	AF - CS
			CR - CM - CS JANUS PRO
			CW
2000 (79)	340 (750)	641 (169,3)	AF - CS
			CR - CM - CS JANUS PRO
			CW

OPTIONAL

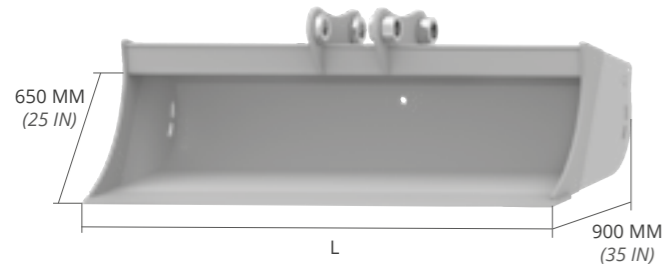
- 2 PERFORATED BLADE
- 3 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 4 HB500 WELDED ADDITIONAL EDGE
- 5 BEZEL
- 6 REAR RAZOR

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SP65 GD EXCAVATOR MACHINE WEIGHT 12,0 - 18,0 t (26456 - 39683 lb)

ADAPTERS	CS100 KG 45 (LB 99)	CS100 JANUS PRO KG 93 (LB 205)	CM180 KG 66 (LB 145)	CW20 KG 57 (LB 126)
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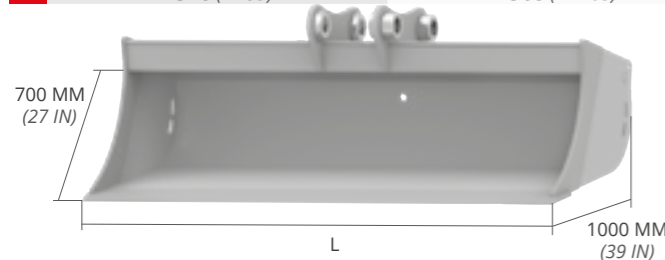
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	318 (701)	631 (166,7)	AF - CM
			CS - CW
			CS JANUS PRO
1500 (59)	339 (747)	665 (175,7)	AF - CM
			CS - CW
			CS JANUS PRO
1600 (63)	359 (791)	699 (184,7)	AF - CM
			CS - CW
			CS JANUS PRO
1800 (71)	400 (882)	767 (202,6)	AF - CM
			CS - CW
			CS JANUS PRO
2000 (79)	440 (970)	835 (220,6)	AF - CM
			CS - CW
			CS JANUS PRO

OPTIONAL

2	3	4	5	6
PERFORATED BLADE	HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET	HB500 WELDED ADDITIONAL EDGE	BEZEL	REAR RAZOR

SP70 GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)

ADAPTERS	CS100 KG 45 (LB 99)	CS100 JANUS PRO KG 93 (LB 205)	CM180 KG 66 (LB 145)	CW30 KG 66 (LB 145)
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L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1500 (59)	417 (919)	780 (206,1)	AF - CM
			CS - CW
			CS JANUS PRO
1600 (63)	442 (974)	820 (216,6)	AF - CM
			CS - CW
			CS JANUS PRO
1800 (71)	492 (1085)	900 (237,8)	AF - CM
			CS - CW
			CS JANUS PRO
2000 (79)	540 (1190)	980 (258,9)	AF - CM
			CS - CW
			CS JANUS PRO
2200 (87)	586 (1292)	1060 (280,0)	AF - CM
			CS - CW
			CS JANUS PRO

OPTIONAL

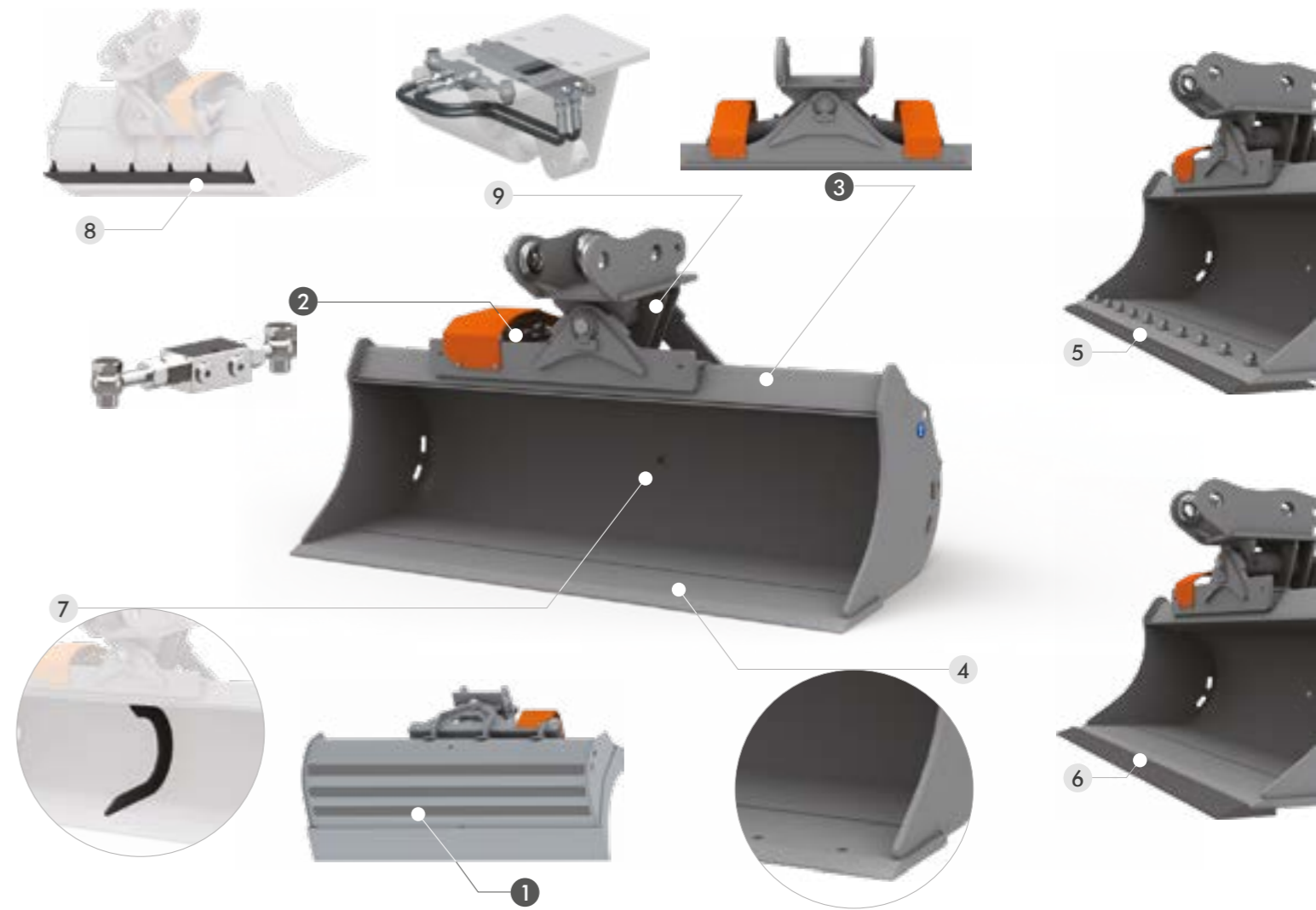
2	3	4	5	6
PERFORATED BLADE	HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET	HB500 WELDED ADDITIONAL EDGE	BEZEL	REAR RAZOR



* weight of the tank excluding attachment



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 BLOCK VALVE**
IT ALLOWS TO KEEP THE BUCKET POSITIONING DURING THE WORKING PHASE.
- 3 DOUBLE CYLINDER FOR SQ65 GD, SQ70 GD**

OPTIONAL

- 4 PERFORATED BLADE**
- 5 HB400 ADDITIONAL BOLT-ON REVERSIBLE CUTTING EDGE**
BOLTED-IN HB400 REVERSIBLE UNDERBLADE. RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.
- 6 HB500 WELDED ADDITIONAL CUTTING EDGE**
- 7 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM (55) WIDE OR MORE.**
- 8 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.

- 9 PIPE KIT**
OPTIONAL KIT INSTALLED ON THE BUCKET FOR THE FEEDING OF THE HYDRAULIC CYLINDER. IT ALLOWS THE USE OF TWO OUTLETS ON THE RIGHT AND TWO OUTLETS ON THE LEFT FOR THE HYDRAULIC CONNECTION TO THE MACHINE REDUCING THE INSTALLATION TIMES. THE CONNECTING PIPES ARE NOT SUPPLIED.

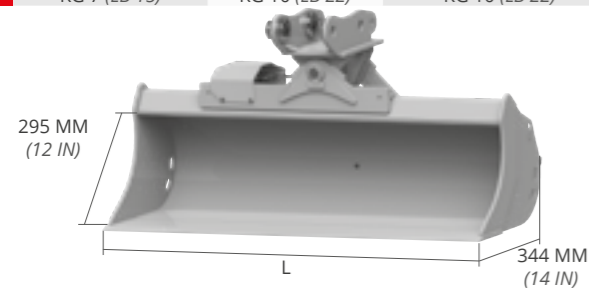
PARTICULARLY SUITABLE FOR FINISHING AND LEVELLING WORKS. ITS TILTING MECHANISM ENABLES TO TILT THE BUCKET BY 45° ON BOTH SIDES. THE STANDARD BLOCK VALVE ENABLES TO KEEP THE ANGLE.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1600 MM: NR. 2 BEZELS
- WIDTH FROM 1800 TO 2200 MM: NR. 3 BEZELS

MOD.	MIDI EXCAVATOR						EXCAVATOR		
	SQ30	SQ35	SQ40	SQ45	SQ50	SQ55	SQ60	SQ65 GD	SQ70 GD
TONS (LB)	1,0 - 1,8 (2204 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 5,0 (8818 - 11023)	5,0 - 7,5 (11023 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 18,0 (26456 - 39683)	18,0 - 22,0 (39683 - 48502)

SQ30 MACHINE WEIGHT 1,0 - 1,8 t (2204 - 3968 lb)

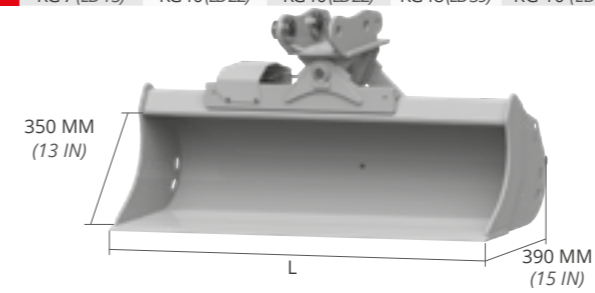


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	69 (153)	58 (15,3)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1000 (39)	78 (173)	74 (19,5)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 8 REAR RAZOR
- 9 PIPE KIT

SQ35 MACHINE WEIGHT - 1,8 - 2,5 t (3968 - 5512 lb)

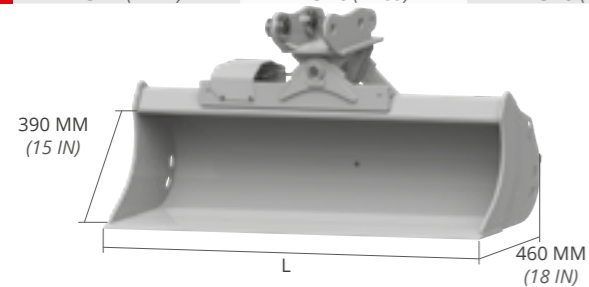
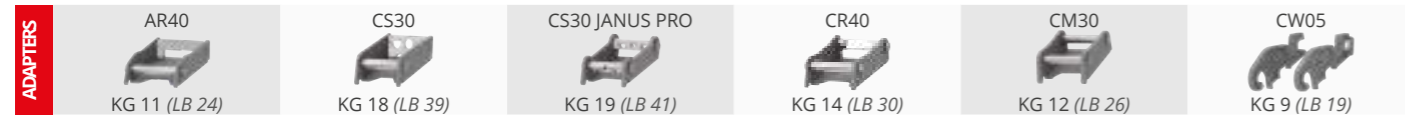


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	76 (169)	75 (19,8)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1000 (39)	85 (188)	96 (25,4)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1200 (47)	94 (208)	117 (30,9)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 4 PERFORATED BLADE
- 5 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 6 HB500 WELDED ADDITIONAL CUTTING EDGE
- 8 REAR RAZOR
- 9 PIPE KIT

SQ40 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

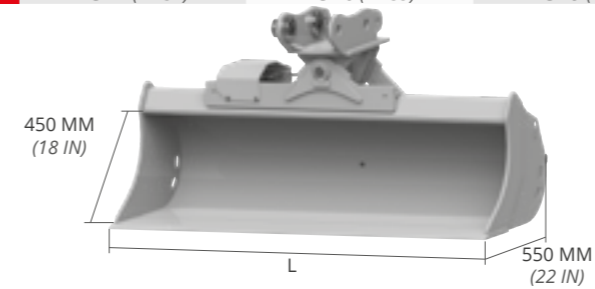
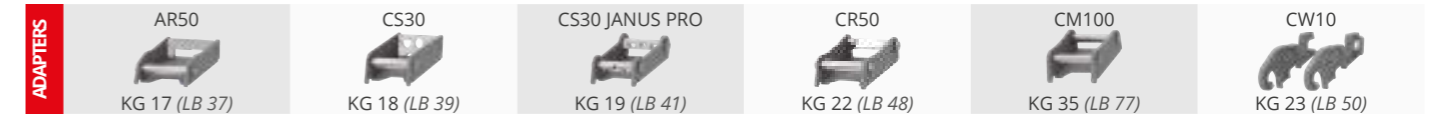


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	130 (286)	125 (33,0)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1200 (47)	143 (315)	154 (40,7)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	156 (343)	182 (48,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 4 PERFORATED BLADE
- 5 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 6 HB500 WELDED ADDITIONAL CUTTING EDGE
- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT

SQ45 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	196 (433)	213 (56,3)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	213 (470)	254 (67,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1500 (59)	221 (488)	274 (72,4)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

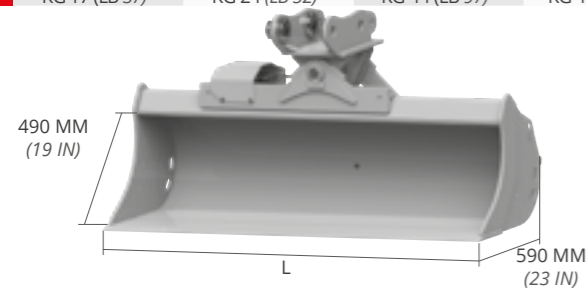
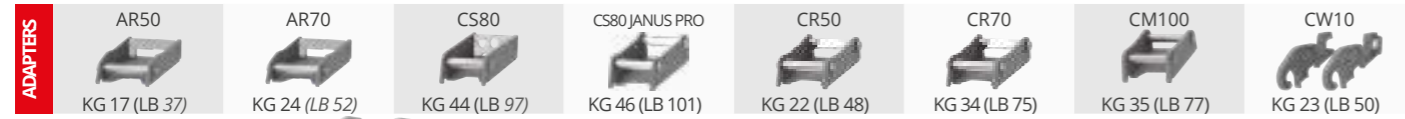
OPTIONAL

- 4 PERFORATED BLADE
- 5 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 6 HB500 WELDED ADDITIONAL CUTTING EDGE
- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT

* weight of the tank excluding attachment

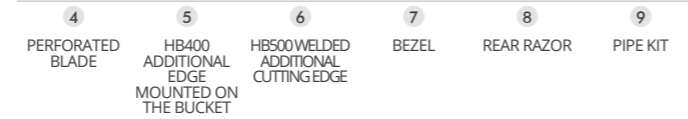
* weight of the tank excluding attachment

SQ50 MACHINE WEIGHT 5,0 - 7,5 t (11012 - 16535 lb)

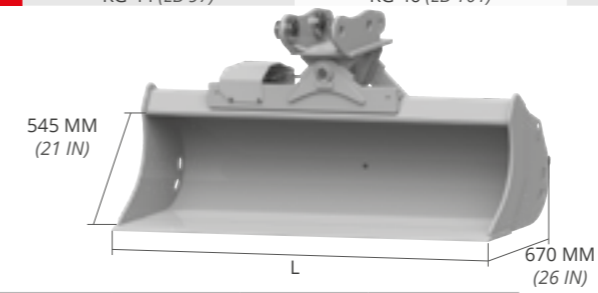


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	219 (483)	250 (66,0)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	239 (527)	298 (78,8)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1600 (63)	259 (571)	345 (91,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1800 (71)	279 (616)	392 (103,6)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL



SQ55 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

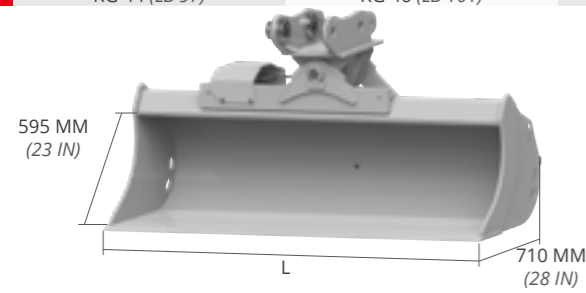


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	296 (653)	326 (86,1)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	322 (710)	387 (102,2)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1600 (63)	349 (770)	447 (118,1)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1800 (71)	376 (829)	507 (133,9)	AF - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

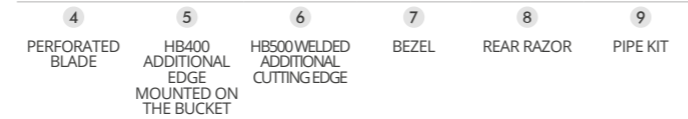


SQ60 MIDI MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

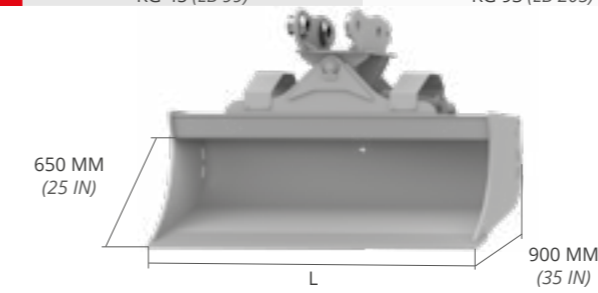


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	331 (730)	367 (97,0)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1400 (55)	361 (796)	436 (115,2)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1600 (63)	393 (867)	504 (133,1)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1800 (71)	423 (933)	573 (151,4)	AF - CS
			CR - CM - CS JANUS PRO
			CW
2000 (79)	453 (999)	641 (169,3)	AF - CS
			CR - CM - CS JANUS PRO
			CW

OPTIONAL



SQ65 GD EXCAVATOR MACHINE WEIGHT 12,0 - 18,0 t (26456 - 39683 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	456 (1005)	631 (166,7)	AF - CM
			CS - CW
			CS JANUS PRO
1500 (59)	477 (1052)	665 (175,7)	AF - CM
			CS - CW
			CS JANUS PRO
1600 (63)	497 (1096)	699 (184,7)	AF - CM
			CS - CW
			CS JANUS PRO
1800 (71)	538 (1186)	767 (202,6)	AF - CM
			CS - CW
			CS JANUS PRO
2000 (79)	578 (1274)	835 (220,6)	AF - CM
			CS - CW
			CS JANUS PRO

OPTIONAL







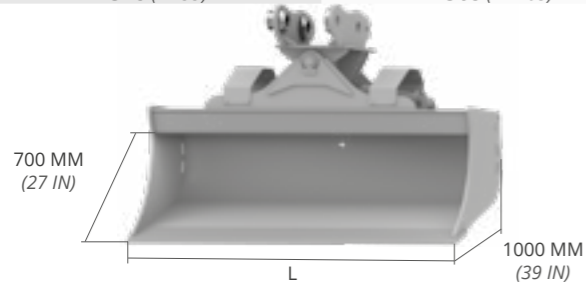
* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQ70 GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)

ADAPTERS

 CS100 KG 45 (LB 99)	 CS100 JANUS PRO KG 93 (LB 205)	 CM180 KG 66 (LB 145)	 CW30 KG 57 (LB 126)
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L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1500 (59)	555 (1224)	780 (206,1)	AF - CM
			CS - CW
			CS JANUS PRO
1600 (63)	580 (1279)	820 (216,6)	AF - CM
			CS - CW
			CS JANUS PRO
1800 (71)	630 (1389)	900 (237,8)	AF - CM
			CS - CW
			CS JANUS PRO
2000 (79)	678 (1495)	980 (258,9)	AF - CM
			CS - CW
			CS JANUS PRO
2200 (87)	724 (1596)	1060 (280,0)	AF - CM
			CS - CW
			CS JANUS PRO

OPTIONAL

- 4 PERFORATED BLADE
- 5 HB400 ADDITIONAL EDGE MOUNTED ON THE BUCKET
- 6 HB500 WELDED ADDITIONAL CUTTING EDGE
- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT



* weight of the tank excluding attachment



THE SKELETON BUCKET IS DESIGNED TO SORT STONES AND AGGREGATE MATERIALS. THE SIEVED MATERIAL'S SIZE DEPENDS ON THE DISTANCE AMONG THE GRIDS.



STANDARD TECHNICAL FEATURES

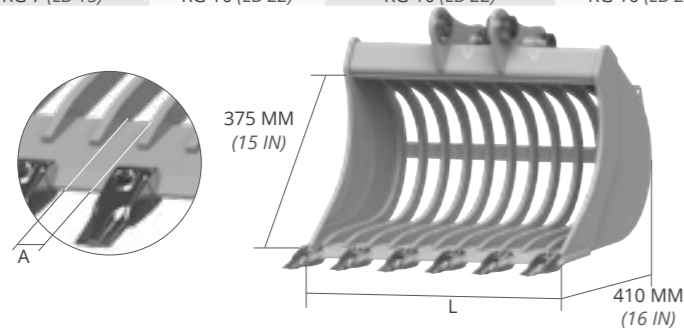
- 1 DC TEETH DTE TEETH

OPTIONAL

- 2 HB500 WELDED ADDITIONAL CUTTING EDGE (NO TEETH)
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

MOD.	MIDI							EXCAVATOR			
	VE38	VE45	VE53	VE62	VE67	VE73	VE80	VE85	VE92 GD	VE100 GD	VE110 GD
TONS (LB)	0,6 - 1,8 (1323 - 3968)	1,8 - 2,5 (2646 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 5,0 (8818 - 11023)	5,0 - 7,5 (11023 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 14,0 (26455 - 30865)	14,0 - 16,0 (30865 - 35274)	16,0 - 19,0 (35274 - 41887)

VE38 MACHINE WEIGHT 0,6 - 1,8 t (1323 - 3968 lb)

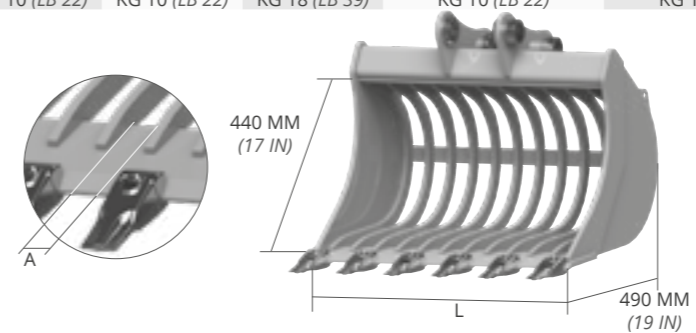


L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
500 (20)	54 (2,1)	31 (68)	49 (12,9)	4	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
600 (24)	51 (2,0)	35 (77)	61 (16,1)	4	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
700 (28)	55 (2,2)	42 (93)	74 (19,5)	5	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

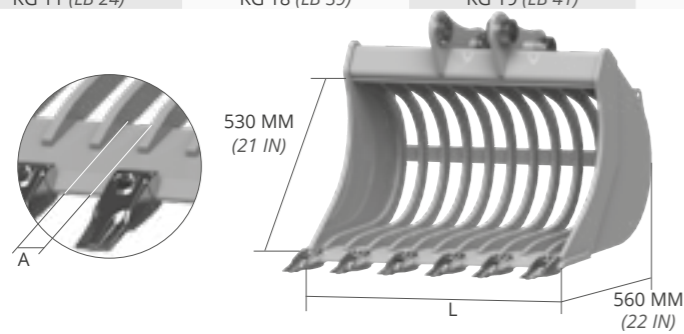
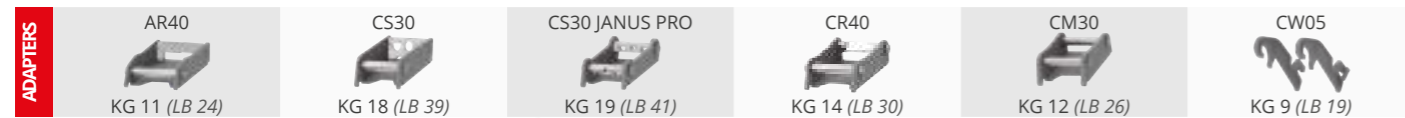


L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
600 (24)	55 (2,2)	51 (112)	79 (20,9)	4	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
700 (28)	59 (2,3)	57 (126)	95 (25,1)	5	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
800 (31)	55 (2,2)	64 (141)	111 (29,3)	5	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

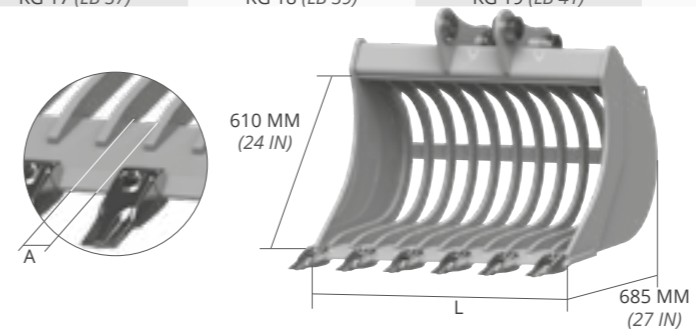
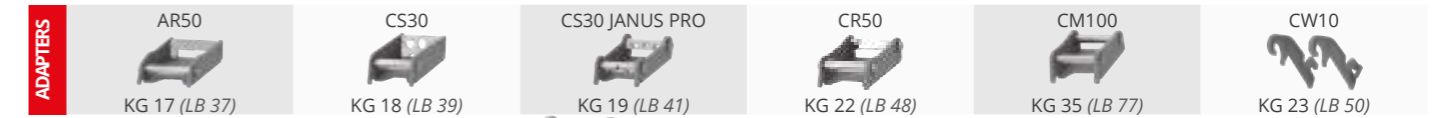


L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
700 (28)	59 (2,3)	80 (176)	142 (37,5)	5	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
800 (31)	55 (2,2)	91 (201)	166 (43,9)	5	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
900 (35)	58 (2,3)	100 (220)	190 (50,2)	5	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
800 (31)	66 (2,6)	126 (278)	226 (59,7)	5	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
900 (35)	61 (2,4)	142 (313)	259 (68,4)	6	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
1000 (39)	63 (2,5)	153 (337)	292 (77,1)	6	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO

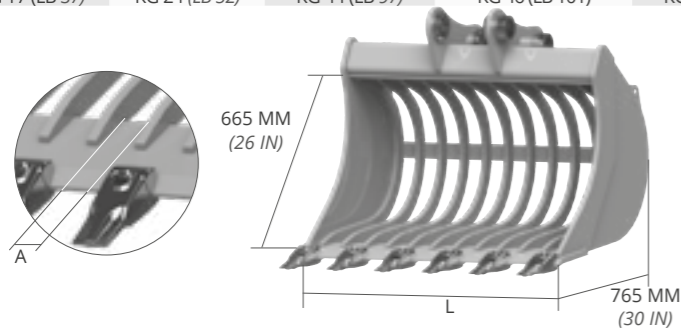
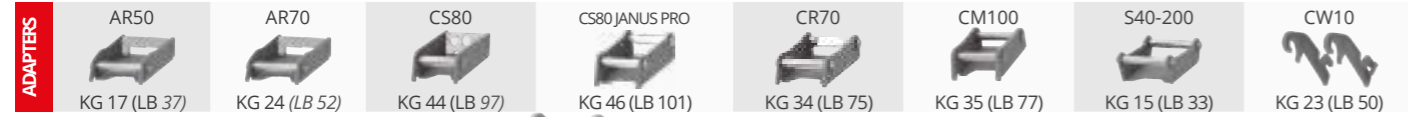
OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

VE67 MACHINE WEIGHT 5,0 - 7,5 t (11023 - 16535 lb)

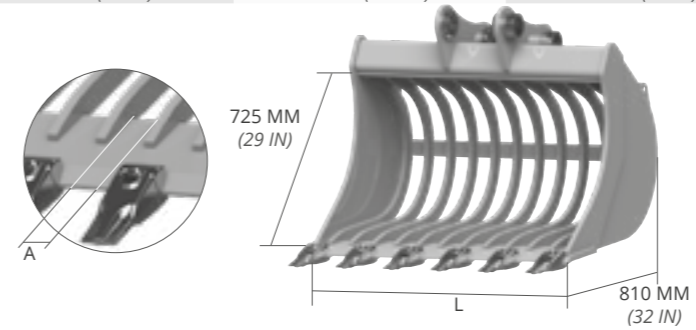


OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
800 (31)	66 (2,6)	166 (366)	258 (68,2)	5	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
900 (35)	61 (2,4)	187 (412)	296 (78,2)	6	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
1000 (39)	63 (2,5)	202 (445)	335 (88,5)	6	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO

VE73 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

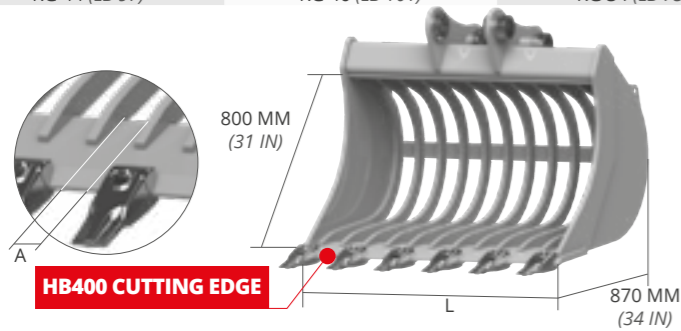


OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
800 (31)	74 (2,9)	192 (423)	296 (78,2)	5	AF - CS
					CR - CM
					CW - CS JANUS PRO
900 (35)	67 (2,6)	216 (476)	340 (89,8)	5	AF - CS
					CR - CM
					CW - CS JANUS PRO
1000 (39)	69 (2,7)	234 (516)	384 (101,4)	5	AF - CS
					CR - CM
					CW - CS JANUS PRO

VE80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



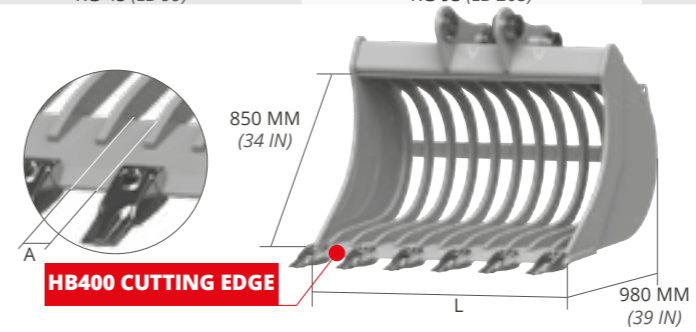
OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
900 (35)	74 (2,9)	252 (556)	410 (108,3)	5	AF - CS
					CR - CM - CS JANUS PRO
					CW
1000 (39)	67 (2,6)	273 (602)	479 (126,5)	5	AF - CS
					CR - CM - CS JANUS PRO
					CW
1100 (43)	69 (2,7)	302 (666)	555 (146,6)	5	AF - CS
					CR - CM - CS JANUS PRO
					CW

* weight of the tank excluding attachment

VE85 MIDI MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)



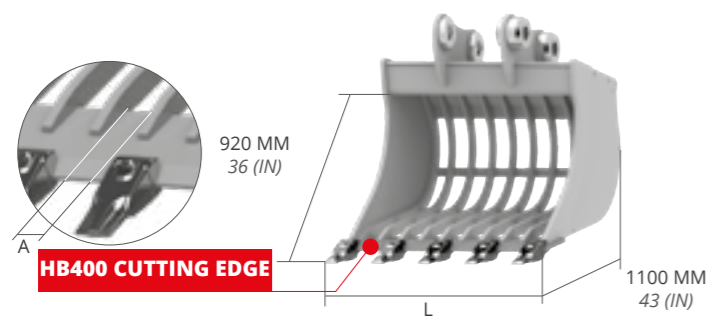
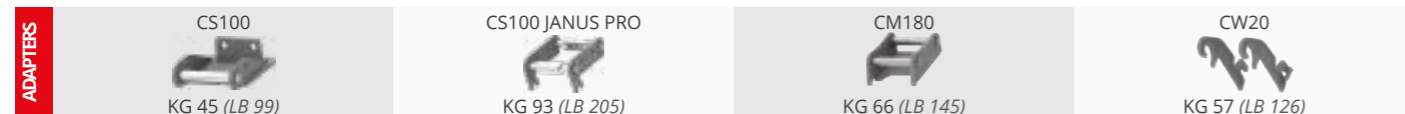
OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
900 (35)	80 (3,1)	335 (736)	510 (134,7)	5	AF - CM
					CS - CW
					CS JANUS PRO
1000 (39)	80 (3,1)	363 (800)	584 (154,3)	5	AF - CM
					CS - CW
					CS JANUS PRO
1100 (43)	80 (3,1)	390 (860)	657 (173,6)	5	AF - CM
					CS - CW
					CS JANUS PRO
1200 (47)	80 (3,1)	418 (922)	730 (192,8)	6	AF - CM
					CS - CW
					CS JANUS PRO

* weight of the tank excluding attachment

VE92 GD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

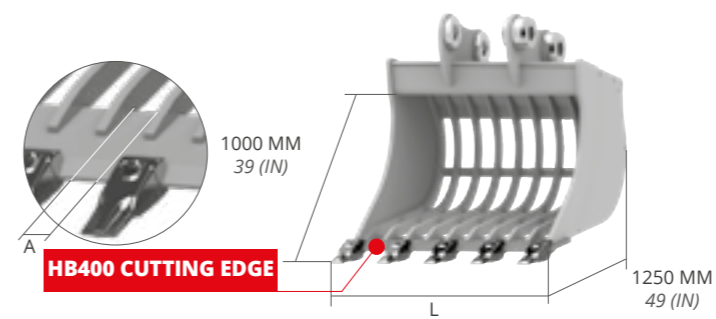
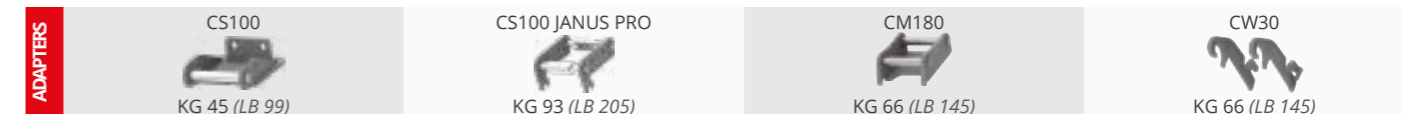


L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
1200 (47)	80 (3,1)	431 (950)	783 (206,8)	5	AF - CM
					CS - CW
					CS JANUS PRO
1300 (51)	80 (3,1)	453 (998)	878 (231,9)	6	AF - CM
					CS - CW
					CS JANUS PRO
1400 (55)	80 (3,1)	475 (1047)	973 (257,0)	6	AF - CM
					CS - CW
					CS JANUS PRO

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE100 GD MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)

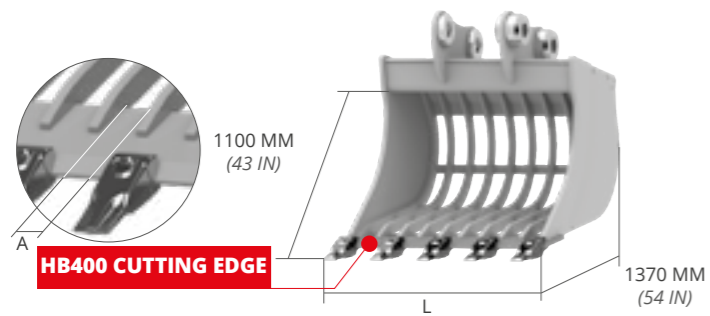
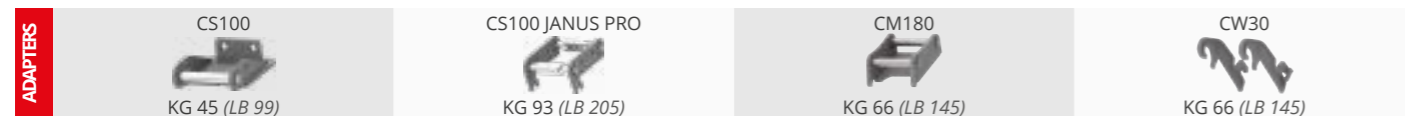


L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
1200 (47)	100 (3,9)	587 (1294)	909 (240,1)	5	AF - CM
					CS - CW
					CS JANUS PRO
1300 (51)	100 (3,9)	632 (1393)	1004 (265,2)	6	AF - CM
					CS - CW
					CS JANUS PRO
1400 (55)	100 (3,9)	677 (1493)	1108 (292,7)	6	AF - CM
					CS - CW
					CS JANUS PRO

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

VE110 GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
1200 (47)	100 (3,9)	691 (1523)	1064 (281,1)	5	AF - CM
					CS - CW
					CS JANUS PRO
1300 (51)	100 (3,9)	741 (1634)	1173 (309,9)	6	AF - CM
					CS - CW
					CS JANUS PRO
1400 (55)	100 (3,9)	791 (1744)	1288 (340,3)	6	AF - CM
					CS - CW
					CS JANUS PRO

OPTIONAL

2
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment



ITS TRAPEZOIDAL SHAPE AND SIDE TILTING ANGLES (52°-60°) ENABLE THE REALIZATION AND MAINTENANCE OF DITCHES AND DRAINS OF DIFFERENT SIZES AND ANGLES.

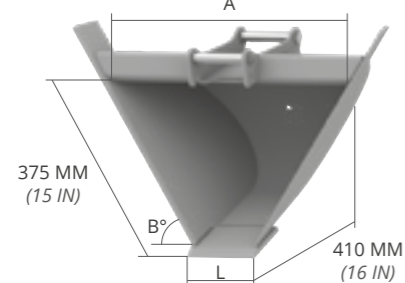


OPTIONAL

- 1 DC TEETH DTE TEETH

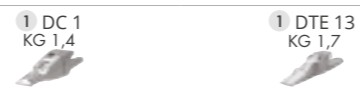
MOD.	MIDI EXCAVATOR							EXCAVATOR			
	T38	T45	T53	T62	T67	T73	T80	T85 GD	T92 GD	T100 GD	T110 GD
TONS (LB)	0,6 - 1,8 (1323 - 3968)	1,8 - 2,5 (2646 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 5,0 (8818 - 11023)	5,0 - 7,5 (11023 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 14,0 (26455 - 30865)	14,0 - 18,0 (30865 - 39683)	18,0 - 22,0 (39683 - 48502)

T38 MACHINE WEIGHT 0,6 - 1,8 t (1323 - 3968 lb)

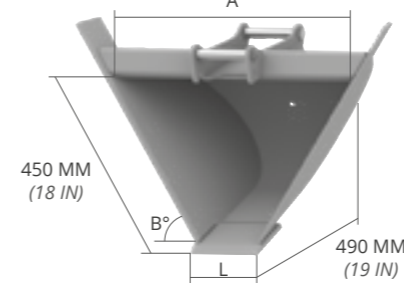
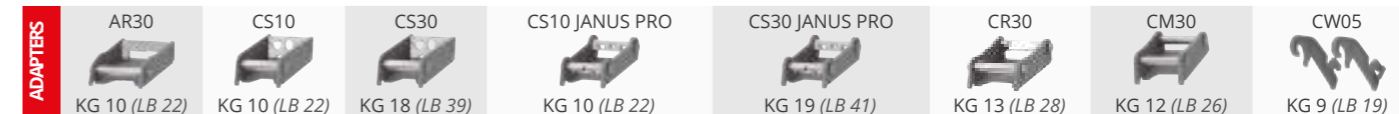


L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
200 (8)	607 (23,9)	52°	27 (60)	47 (12,4)	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
200 (8)	490 (19,3)	60°	24 (53)	37 (9,8)	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO

OPTIONAL

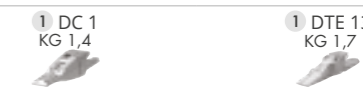


T45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

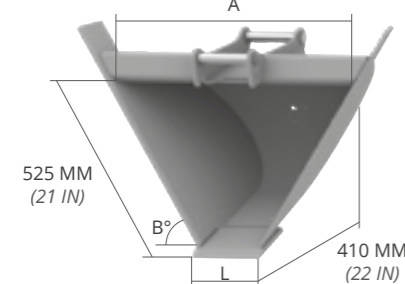
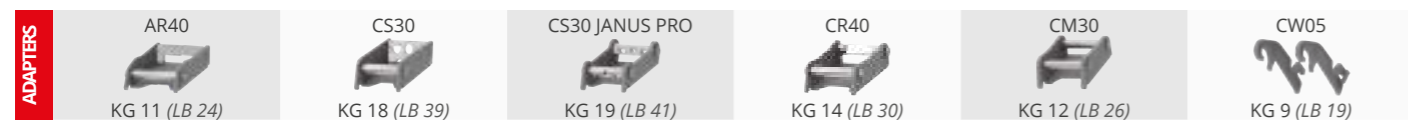


L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
250 (10)	741 (29,2)	52°	45 (99)	77 (22,3)	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
250 (10)	600 (23,6)	60°	40 (88)	63 (16,6)	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO

OPTIONAL

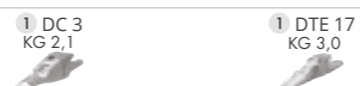


T53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

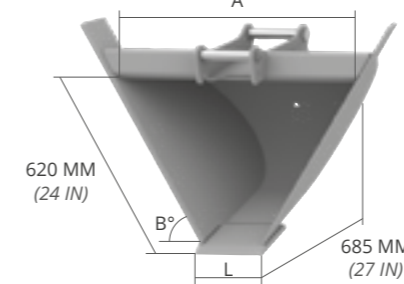
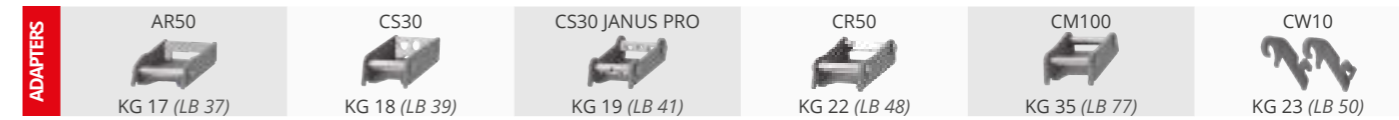


L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
300 (12)	868 (34,2)	52°	69 (152)	140 (37,0)	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
300 (12)	705 (27,8)	60°	61 (134)	114 (30,1)	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO

OPTIONAL



T62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
300 (12)	985 (38,8)	52°	101 (223)	190 (50,2)	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
300 (12)	790 (31,1)	60°	88 (194)	153 (40,4)	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO

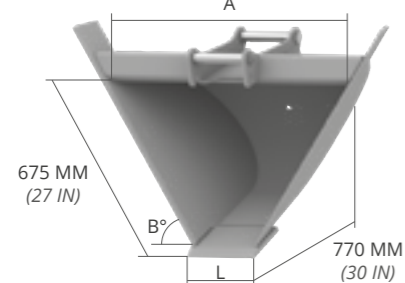
OPTIONAL



* weight of the tank excluding attachment

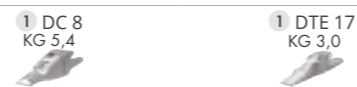
* weight of the tank excluding attachment

T67 MACHINE WEIGHT 5,0 - 7,5 t (11023 - 16535 lb)

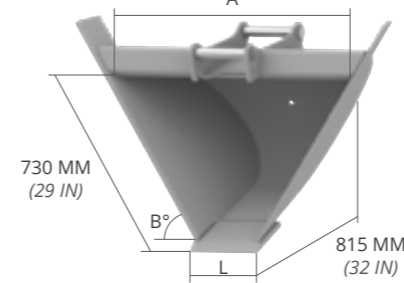


L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
350 (14)	1087 (42,8)	52°	144 (317)	239 (63,1)	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO
350 (14)	876 (34,5)	60°	126 (278)	191 (50,5)	AF - AR - CS
					CR - CM
					CW - CS JANUS PRO

OPTIONAL

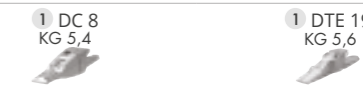


T73 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

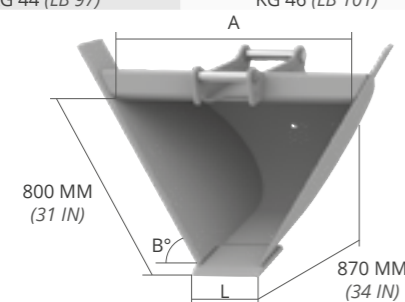


L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
350 (14)	1157 (45,6)	52°	166 (366)	318 (84,0)	AF - CS
					CR - CM
					CW - CS JANUS PRO
350 (14)	928 (36,5)	60°	146 (322)	254 (67,1)	AF - CS
					CR - CM
					CW - CS JANUS PRO

OPTIONAL



T80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

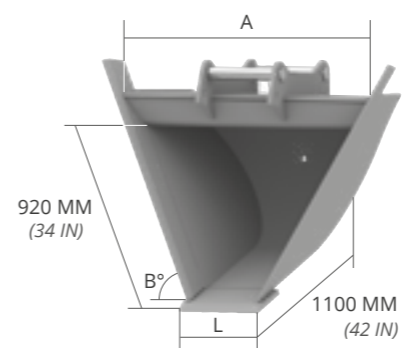
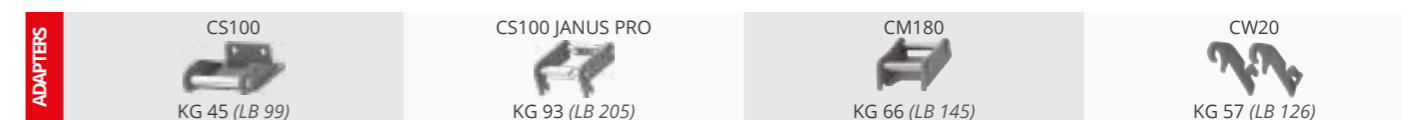


L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
350 (14)	1236 (48,7)	52°	207 (456)	355 (93,8)	AF - CS
					CR - CM - CS JANUS PRO
					CW
350 (14)	985 (38,8)	60°	184 (406)	281 (74,2)	AF - CS
					CR - CM - CS JANUS PRO
					CW

OPTIONAL



T85 GD MIDI MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)



L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
350 (14)	1420 (56)	52°	320 (705)	430 (113,6)	AF - CM
					CS - CW
					CS JANUS PRO
350 (14)	1120 (44)	60°	275 (606)	370 (97,7)	AF - CM
					CS - CW
					CS JANUS PRO

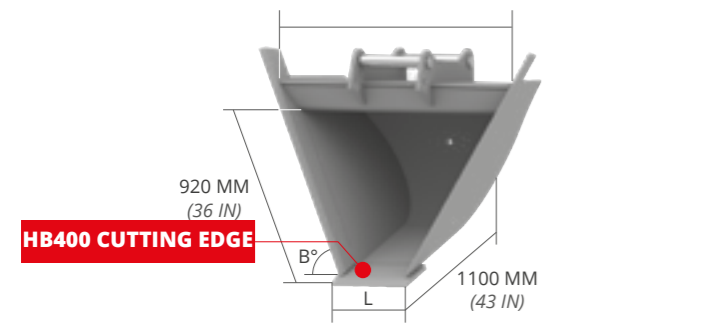
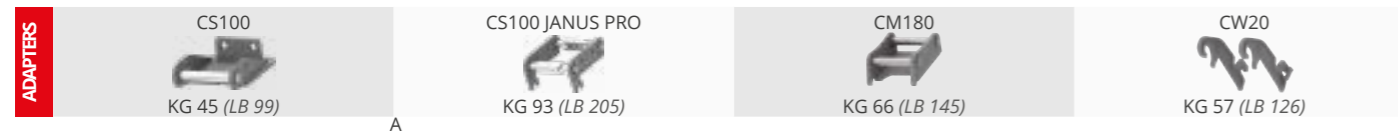
OPTIONAL



* weight of the tank excluding attachment

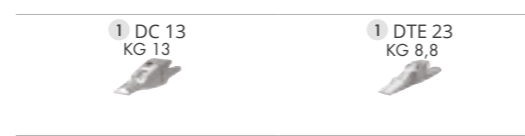
* weight of the tank excluding attachment

T92 GD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

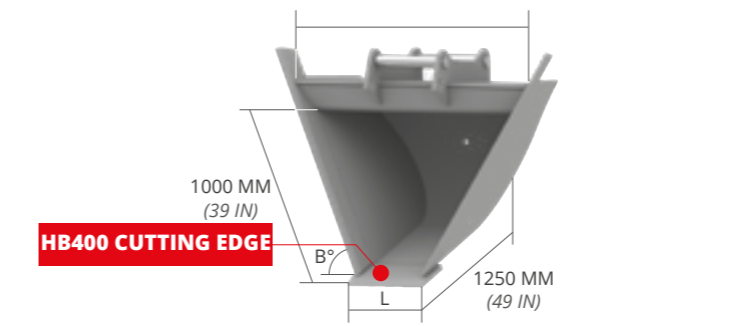
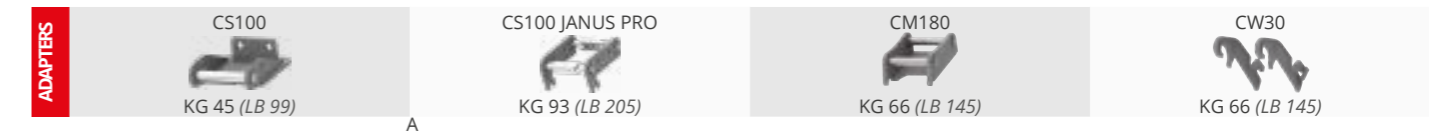


L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
400 (16)	1550 (48)	52°	400 (882)	540 (142,7)	AF - CM CS - CW CS JANUS PRO
400 (16)	1230 (48)	60°	340 (750)	470 (124,2)	AF - CM CS - CW CS JANUS PRO

OPTIONAL

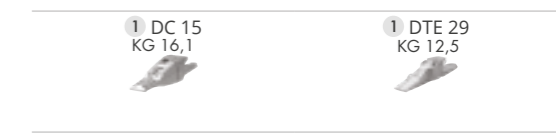


T100 GD MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)

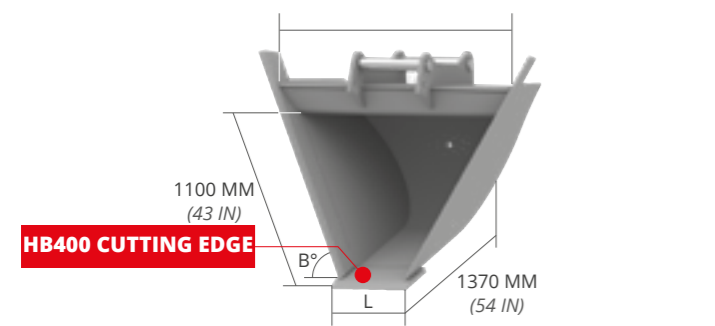
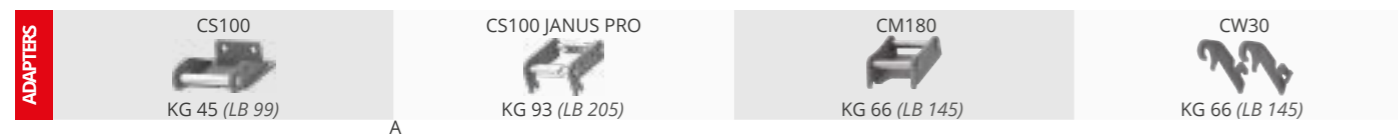


L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
400 (16)	1680 (66)	52°	530 (1168)	680 (179,6)	AF - CM CS - CW CS JANUS PRO
400 (16)	1320 (52)	60°	455 (1003)	585 (154,5)	AF - CM CS - CW CS JANUS PRO

OPTIONAL

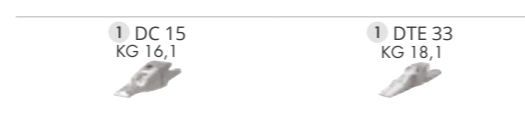


T110 GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



L MM (IN)	A MM (IN)	B°	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
400 (16)	1820 (72)	52°	660 (1455)	870 (229,8)	AF - CM CS - CW CS JANUS PRO
400 (16)	1100 (43)	60°	565 (1246)	740 (195,5)	AF - CM CS - CW CS JANUS PRO

OPTIONAL

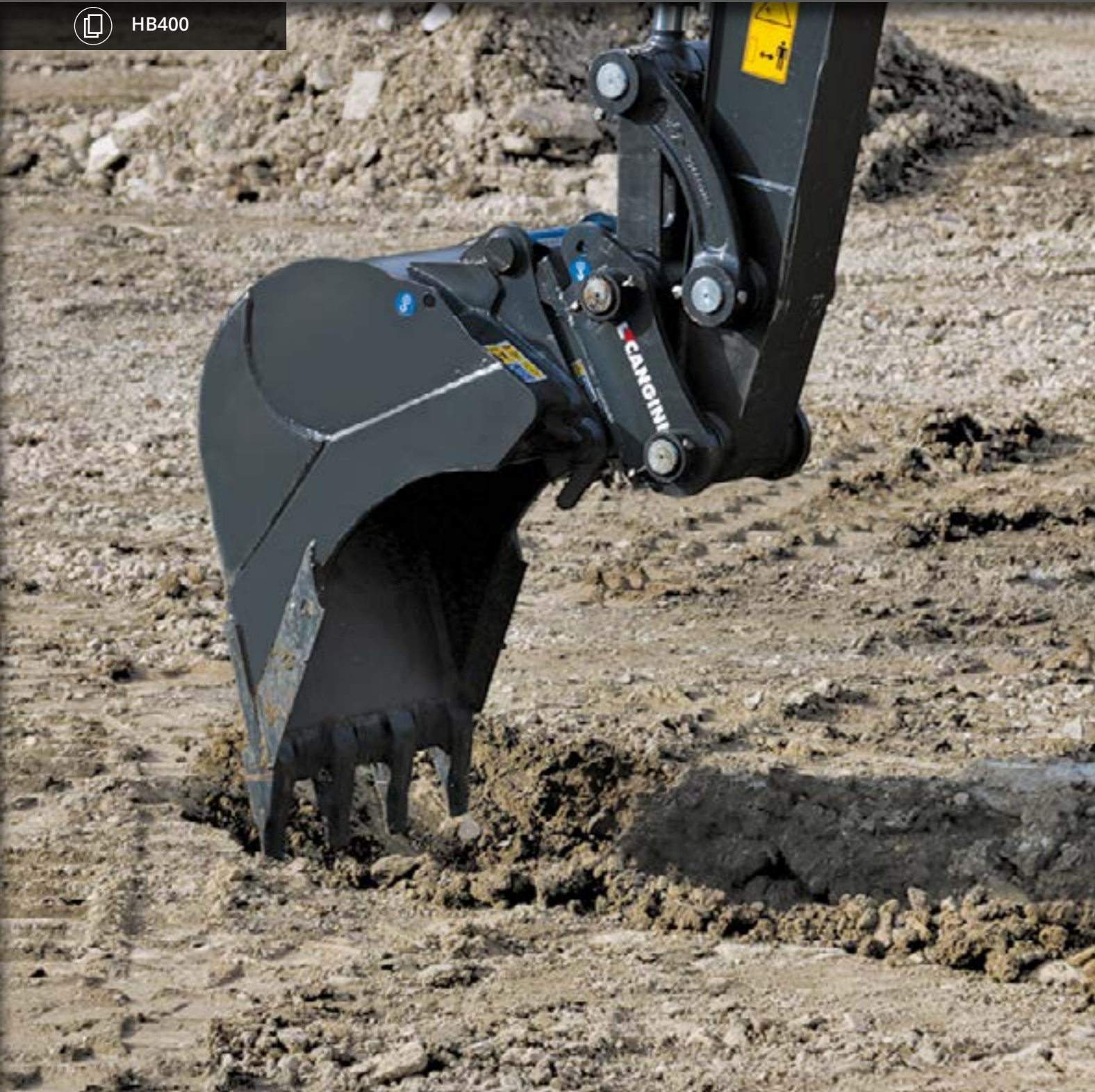


* weight of the tank excluding attachment

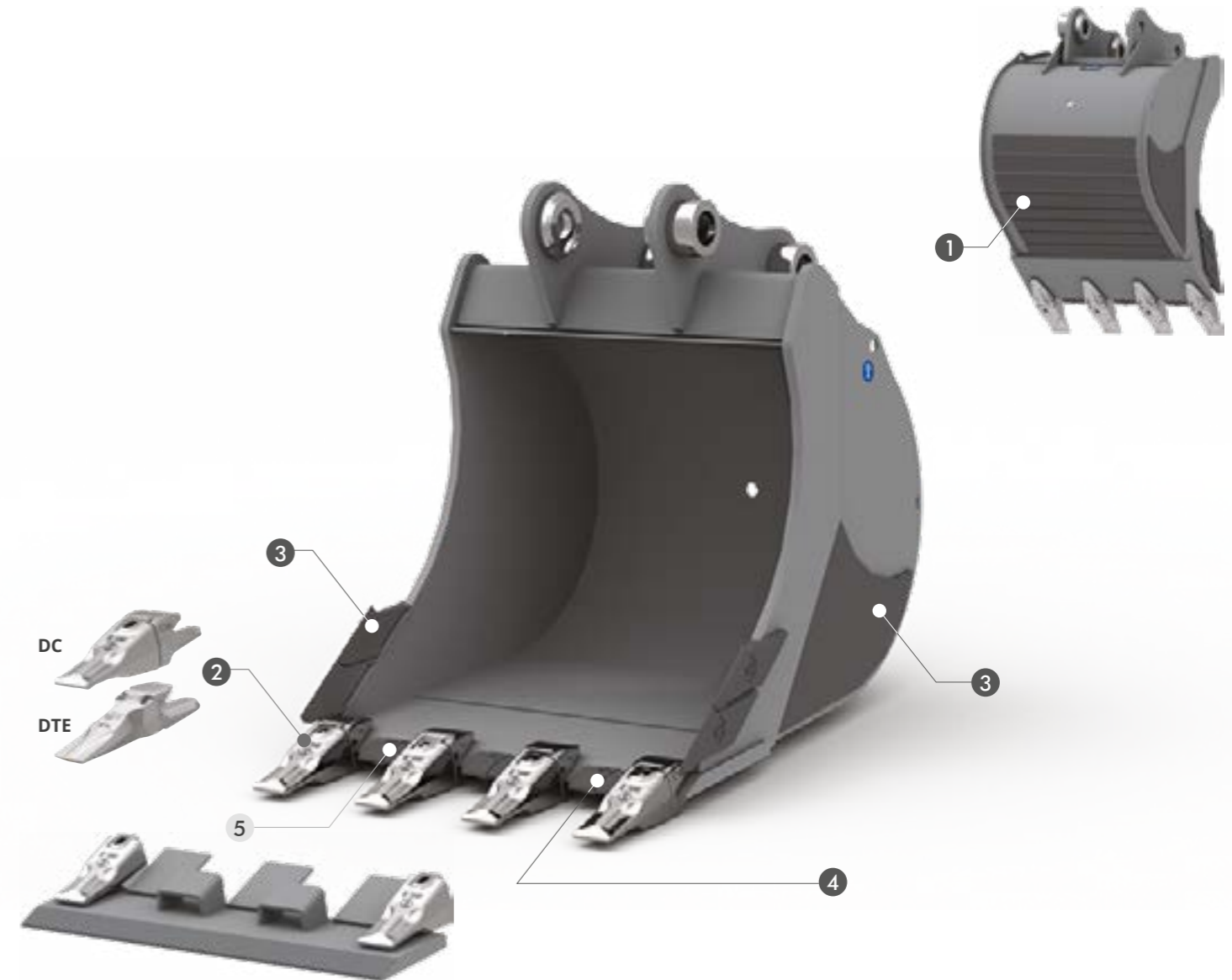
* weight of the tank excluding attachment



HB400



ITS PROFILE HAS BEEN DESIGNED TO HELP THE TOOL TO PENETRATE MOSTLY ROCKY GROUNDS. SUPPLIED WITH HB400 SIDE REINFORCEMENTS, STRIPS, CUTTERS AND BLADE GUARDS TO GUARANTEE HIGH RESISTANCE TO WEAR.



STANDARD TECHNICAL FEATURES

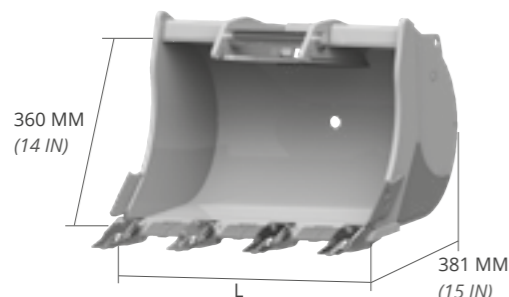
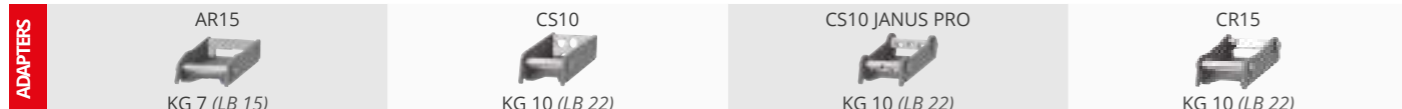
- 1 REINFORCING STRIPS HB400**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 DC TEETH DTE TEETH**
- 3 HB400 SIDE CAST CUTTERS AND REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 4 REINFORCED CUTTING EDGE**
UP TO 10 TONS: HB400 CAST SHROUDS MOUNTED ON PARTS SUBJECT TO WEAR.
BEYOND 10 TONS: HB400 CUTTING EDGE.

OPTIONAL

- 5 GRADING EDGE**
INSTALLED DIRECTLY ON THE ADAPTERS OF THE WELDED TEETH. THIS PATTERN MAKES THE INSTALLING/UNINSTALLING OPERATIONS EASIER AND GRANTS A HIGH RESISTANCE TO THE BUCKET.

MOD.	MIDI EXCAVATOR											
	SCR36	SCR38	SCR45	SCR53	SCR62	SCR67	SCR73	SCR80	SCR85	SCR92 HD	SCR100 HD	SCR110 HD
TONS (LB)	1,2 - 1,8 (2646 - 3968)	1,2 - 1,8 (2646 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 5,0 (8818 - 11023)	5,0 - 7,5 (11023 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 14,0 (26455 - 30865)	14,0 - 18,0 (30865 - 39683)	18,0 - 22,0 (39683 - 48502)

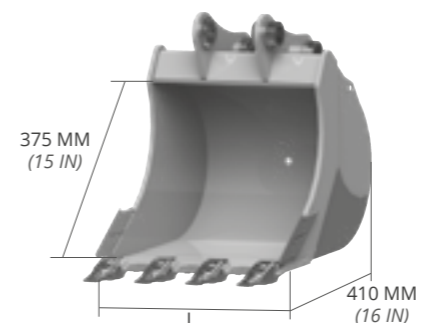
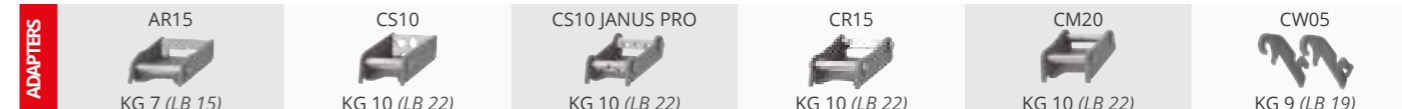
SCR36 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
200 (8)	17 (38)	15 (4,0)	2	AR - CS
				CR
				CS JANUS PRO
250 (10)	19 (43)	20 (5,3)	DF2 DC3 DE3	AR - CS
				CR
				CS JANUS PRO
300 (12)	22 (48)	25 (6,6)	3	AR - CS
				CR
				CS JANUS PRO
350 (14)	24 (52)	31 (8,2)	3	AR - CS
				CR
				CS JANUS PRO
400 (16)	28 (61)	37 (9,8)	3	AR - CS
				CR
				CS JANUS PRO
450 (18)	31 (68)	43 (11,4)	3	AR - CS
				CR
				CS JANUS PRO
500 (20)	35 (76)	49 (12,4)	4	AR - CS
				CR
				CS JANUS PRO
600 (24)	39 (86)	61 (16,1)	4	AR - CS
				CR
				CS JANUS PRO
700 (28)	44 (98)	74 (19,5)	5	AR - CS
				CR
				CS JANUS PRO

* weight of the tank excluding attachment

SCR38 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
200 (8)	17 (38)	15 (4,0)	2	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
250 (10)	19 (43)	20 (5,3)	DF2 DC3 DE3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
300 (12)	22 (48)	25 (6,6)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	24 (52)	31 (8,2)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	28 (61)	37 (9,8)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	31 (68)	43 (11,4)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	35 (76)	49 (12,4)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	39 (86)	61 (16,1)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	44 (98)	74 (19,5)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

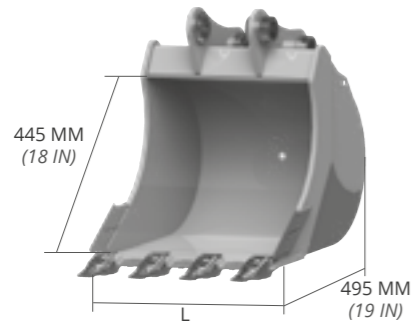
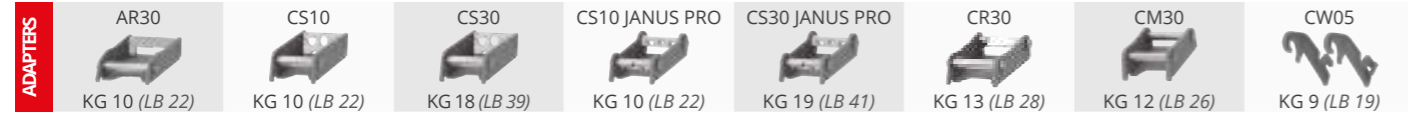
OPTIONAL

5
SUPPLEMENTARY
BLADE

OPTIONAL

5
SUPPLEMENTARY
BLADE

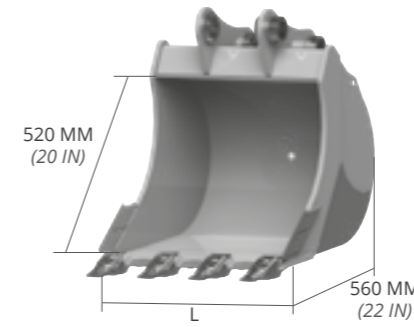
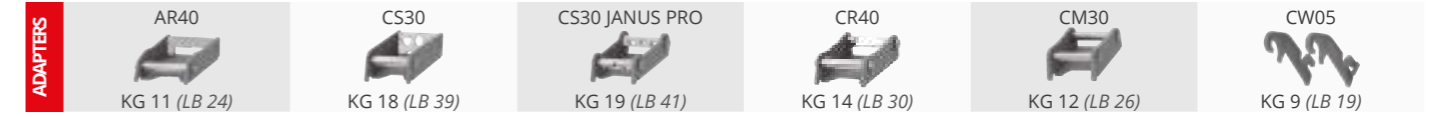
SCR45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
250 (10)	26 (57)	25 (6,6)	DF2 DC3 DE3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
300 (12)	29 (64)	33 (8,7)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	32 (80)	40 (10,6)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	36 (80)	48 (12,7)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	39 (87)	56 (14,8)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	43 (95)	65 (17,2)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	50 (109)	82 (21,7)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	56 (123)	100 (26,4)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	65 (142)	117 (30,9)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

SCR53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
250 (10)	37 (82)	32 (8,5)	2	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
300 (12)	40 (89)	41 (10,8)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	46 (101)	51 (13,5)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	51 (111)	61 (16,1)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	55 (121)	72 (19,0)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	59 (129)	82 (21,7)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	67 (148)	105 (27,7)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	76 (167)	127 (33,5)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	85 (187)	152 (40,2)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
900 (35)	93 (206)	175 (46,2)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

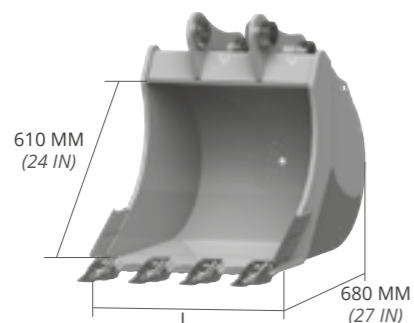
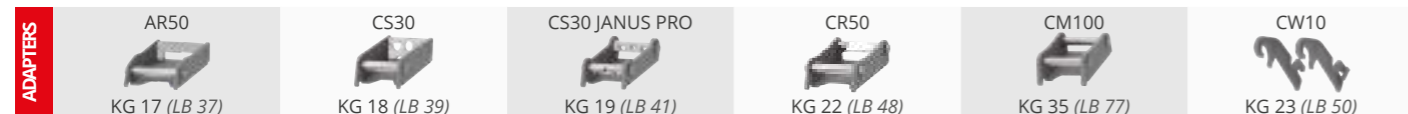
OPTIONAL

5 SUPPLEMENTARY BLADE

OPTIONAL

5 SUPPLEMENTARY BLADE

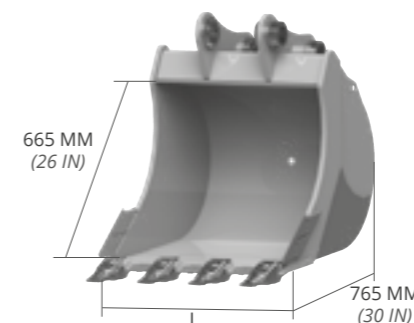
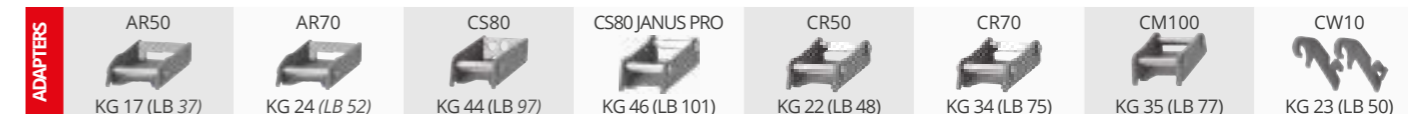
SCR62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
250 (10)	57 (126)	45 (11,9)	2	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
300 (12)	63 (138)	58 (15,3)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	68 (150)	71 (18,8)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	74 (163)	85 (22,5)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	79 (175)	100 (26,4)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	86 (188)	115 (30,4)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	97 (215)	147 (38,8)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	109 (241)	180 (47,6)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	121 (267)	213 (56,3)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
900 (35)	133 (293)	248 (65,5)	6	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
1000 (39)	145 (319)	282 (74,5)	6	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

SCR67 MACHINE WEIGHT 5,0 - 7,5 t (11023 - 16535 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
300 (12)	83 (182)	68 (18,0)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	92 (202)	84 (22,2)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	101 (222)	101 (26,7)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	109 (240)	118 (31,2)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	117 (258)	137 (36,2)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	134 (296)	174 (46,0)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	150 (331)	214 (56,5)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	167 (368)	254 (67,1)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
900 (35)	183 (403)	295 (77,9)	6	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
1000 (39)	199 (438)	338 (89,3)	6	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

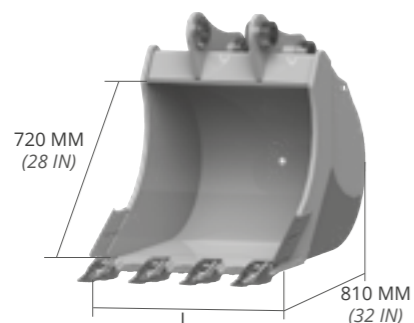
OPTIONAL

5 SUPPLEMENTARY BLADE

OPTIONAL

5 SUPPLEMENTARY BLADE

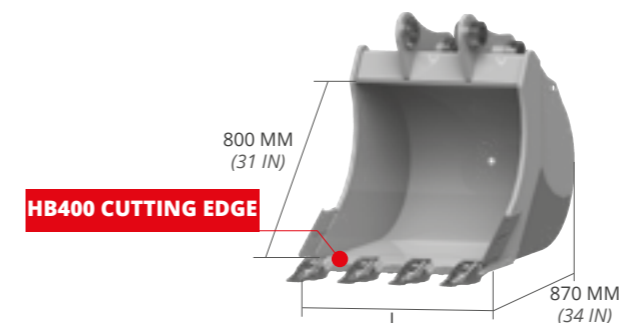
SCR73 MACHINE WEIGHT 7,5 - 10,0 t (116535 - 22046 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
300 (12)	95 (210)	76 (20,1)	2	AF - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	103 (228)	94 (24,8)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	110 (243)	113 (29,9)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	120 (265)	133 (35,1)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	130 (286)	153 (40,4)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	148 (326)	196 (51,8)	4	AF - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	166 (366)	240 (63,4)	4	AF - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	184 (406)	286 (75,6)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO
900 (35)	202 (446)	333 (88,0)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO
1000 (39)	220 (486)	379 (100,1)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO
1100 (43)	238 (525)	430 (113,6)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

SCR80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
300 (12)	119 (261)	86 (22,7)	2	AF - CS
				CR - CM - CS JANUS PRO
				CW
350 (14)	128 (282)	107 (28,3)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
400 (16)	141 (311)	129 (34,1)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
450 (18)	151 (333)	151 (39,9)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
500 (20)	162 (357)	174 (46,0)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
600 (24)	182 (402)	222 (58,6)	4	AF - CS
				CR - CM - CS JANUS PRO
				CW
700 (28)	203 (447)	273 (72,1)	4	AF - CS
				CR - CM - CS JANUS PRO
				CW
800 (31)	222 (489)	325 (85,9)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
900 (35)	242 (534)	379 (100,1)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
1000 (39)	261 (576)	433 (114,4)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
1100 (43)	282 (621)	486 (128,4)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
1200 (47)	303 (667)	546 (144,2)	6	AF - CS
				CR - CM - CS JANUS PRO
				CW
1300 (51)	323 (712)	602 (159,0)	6	AF - CS
				CR - CM - CS JANUS PRO
				CW

* weight of the tank excluding attachment

OPTIONAL

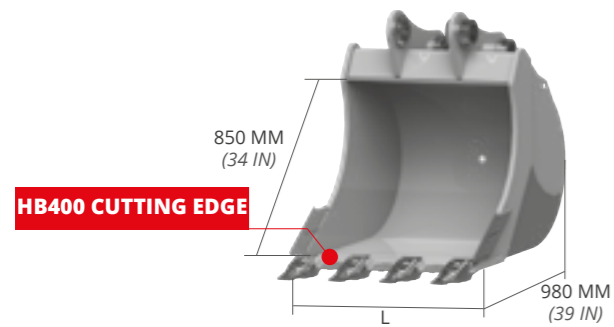
5
SUPPLEMENTARY
BLADE

OPTIONAL

5
SUPPLEMENTARY
BLADE

SCR85 MIDI MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

ADAPTERS	CS100 KG 45 (LB 99)	CS100 JANUS PRO KG 93 (LB 205)	CM180 KG 66 (LB 145)	CW20 KG 57 (LB 126)
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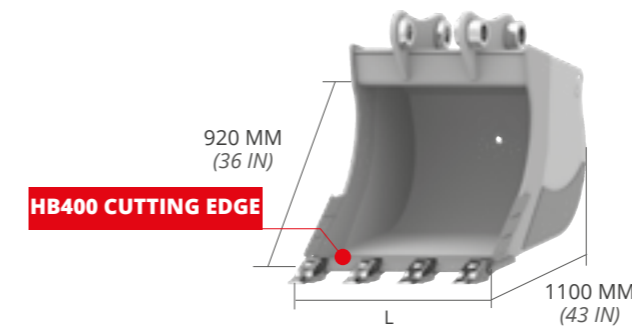


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
400 (16)	197 (435)	171 (45,2)	3	AF - CM
				CS - CW
				CS JANUS PRO
500 (20)	220 (486)	235 (62,1)	3	AF - CM
				CS - CW
				CS JANUS PRO
600 (24)	243 (536)	300 (79,3)	4	AF - CM
				CS - CW
				CS JANUS PRO
700 (28)	266 (586)	368 (97,2)	4	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	289 (638)	438 (115,7)	5	AF - CM
				CS - CW
				CS JANUS PRO
900 (35)	312 (688)	510 (134,7)	5	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	336 (741)	584 (154,3)	5	AF - CM
				CS - CW
				CS JANUS PRO
1100 (43)	360 (793)	657 (173,6)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	384 (847)	730 (192,8)	6	AF - CM
				CS - CW
				CS JANUS PRO
1300 (51)	408 (899)	810 (214,0)	6	AF - CM
				CS - CW
				CS JANUS PRO

* weight of the tank excluding attachment

SCR92 HD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

ADAPTERS	CS100 KG 45 (LB 99)	CS100 JANUS PRO KG 93 (LB 205)	CM180 KG 66 (LB 145)	CW20 KG 57 (LB 126)
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L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	261 (575)	380 (100,4)	4	AF - CM
				CS - CW
				CS JANUS PRO
700 (28)	287 (633)	450 (118,9)	4	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	320 (705)	560 (147,9)	5	AF - CM
				CS - CW
				CS JANUS PRO
900 (35)	352 (776)	620 (163,8)	5	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	395 (871)	700 (184,9)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	454 (1001)	900 (237,7)	6	AF - CM
				CS - CW
				CS JANUS PRO

* weight of the tank excluding attachment

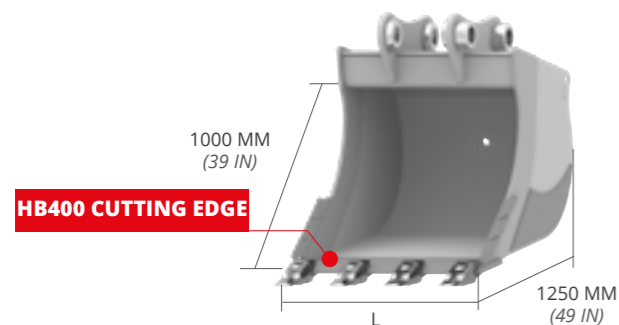
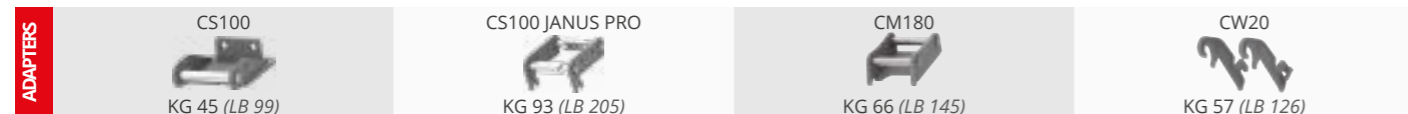
OPTIONAL

5 SUPPLEMENTARY BLADE

OPTIONAL

5 SUPPLEMENTARY BLADE

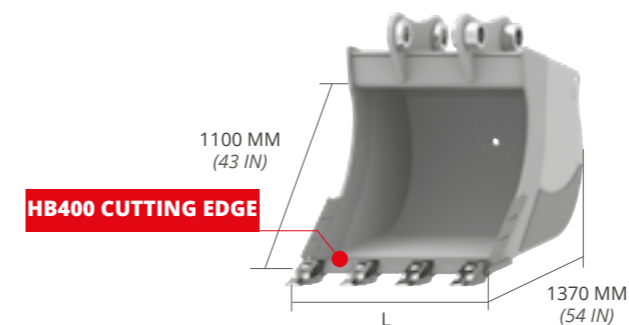
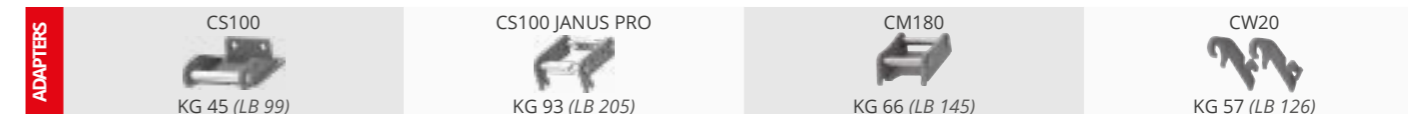
SCR100 HD MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	353 (778)	450 (118,9)	3	AF - CM
				CS - CW
				CS JANUS PRO
700 (28)	397 (875)	535 (141,3)	4	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	441 (972)	620 (163,7)	4	AF - CM
				CS - CW
				CS JANUS PRO
900 (35)	485 (1069)	710 (187,5)	4	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	529 (1166)	800 (211,3)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	617 (1360)	980 (258,8)	5	AF - CM
				CS - CW
				CS JANUS PRO

* weight of the tank excluding attachment

SCR110 HD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	457 (1008)	480 (126,8)	3	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	559 (1232)	690 (182,3)	4	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	671 (1479)	900 (237,7)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	773 (1704)	1110 (293,2)	5	AF - CM
				CS - CW
				CS JANUS PRO
1300 (52)	824 (1817)	1220 (322,2)	6	AF - CM
				CS - CW
				CS JANUS PRO
1400 (55)	875 (1929)	1330 (351,3)	6	AF - CM
				CS - CW
				CS JANUS PRO

* weight of the tank excluding attachment

OPTIONAL

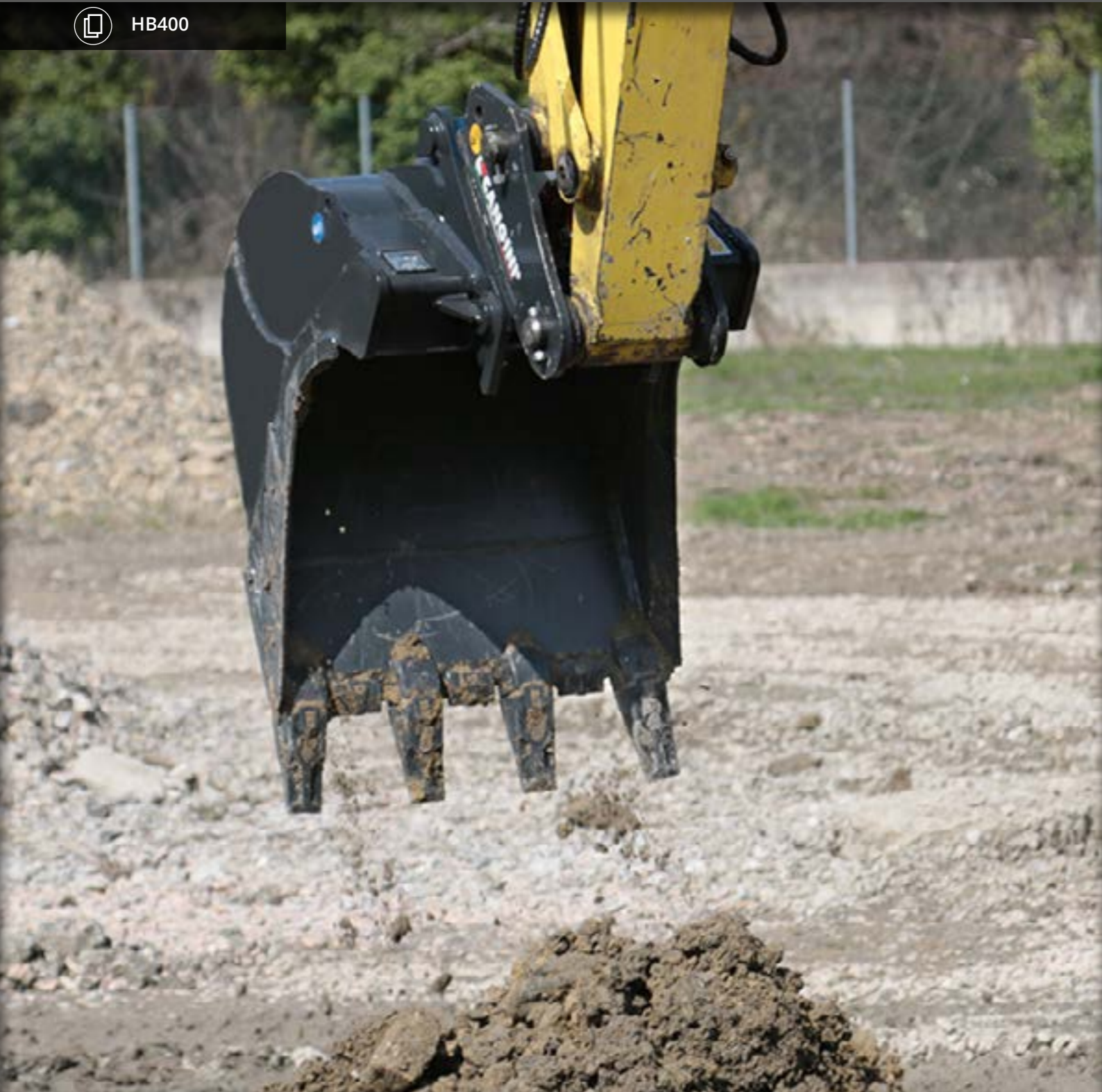
5 SUPPLEMENTARY BLADE

OPTIONAL

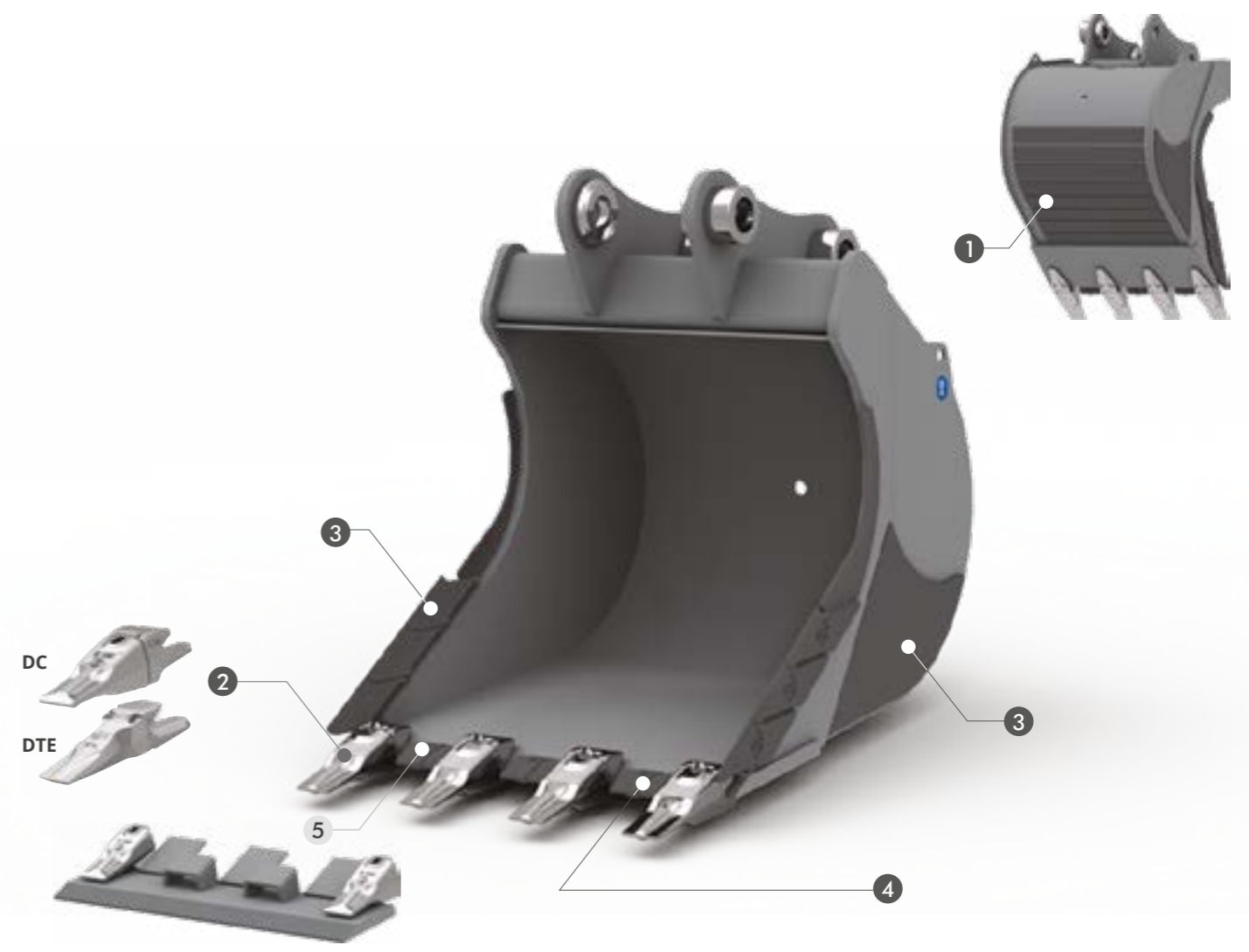
5 SUPPLEMENTARY BLADE



HB400



ITS PARTICULAR GEOMETRY ENABLES TO HANDLE STONE BLOCKS OR HEAVY MATERIALS EASILY. SPECIAL HB400 MATERIALS ARE USED TO STRENGTHEN PARTS SUBJECT TO WEAR AND ENSURE THEIR HIGH RESISTANCE.



STANDARD TECHNICAL FEATURES

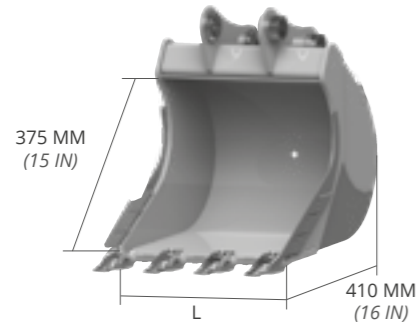
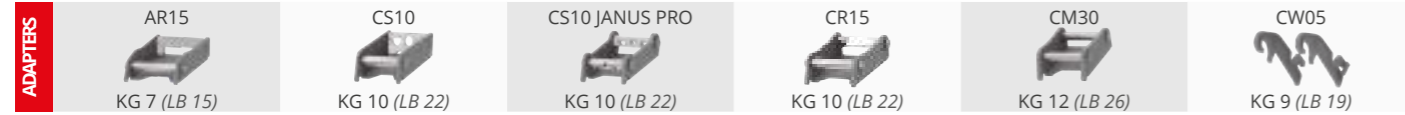
- 1 REINFORCING STRIPS HB400**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 DC TEETH DTE TEETH**
- 3 HB400 SIDE CAST CUTTERS AND REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 4 REINFORCED CUTTING EDGE**
UP TO 10 TONS: HB400 CAST SHROUDS MOUNTED ON PARTS SUBJECT TO WEAR.
BEYOND 10 TONS: HB400 CUTTING EDGE.

OPTIONAL

- 5 GRADING EDGE**
INSTALLED DIRECTLY ON THE ADAPTERS OF THE WELDED TEETH. THIS PATTERN MAKES THE INSTALLING/UNINSTALLING OPERATIONS EASIER AND GRANTS A HIGH RESISTANCE TO THE BUCKET.

	MIDI EXCAVATOR							EXCAVATOR			
MOD.	SB38	SB45	SB53	SB62	SB67	SB73	SB80	SB85	SB92 HD	SB100 HD	SB110 HD
TONS (LB)	1,2 - 1,8 (2646 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 5,0 (8818 - 11023)	5,0 - 7,5 (11023 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 14,0 (26455 - 30865)	14,0 - 18,0 (30865 - 39683)	18,0 - 22,0 (39683 - 48502)

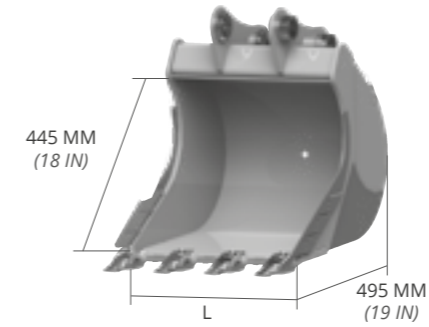
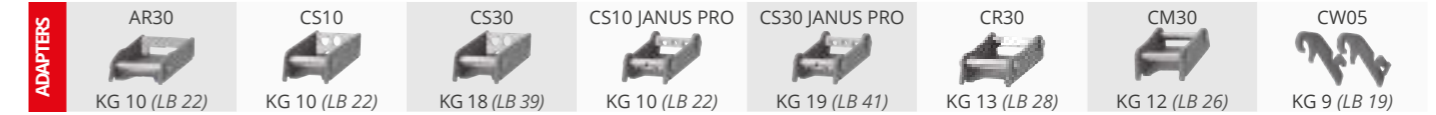
SB38 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
200 (8)	17 (38)	15 (4,0)	2	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
250 (10)	19 (43)	20 (5,3)	DF2 DC3 DE3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
300 (12)	22 (48)	25 (6,6)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	24 (52)	31 (8,2)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	28 (61)	37 (9,8)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	31 (68)	43 (11,4)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	35 (76)	49 (12,4)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	39 (86)	61 (16,1)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	44 (98)	74 (19,5)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

SB45 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
250 (10)	26 (57)	25 (6,6)	DF2 DC3 DE3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
300 (12)	29 (64)	33 (8,7)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	32 (71)	40 (10,6)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	36 (80)	48 (12,7)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	39 (87)	56 (14,8)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	43 (95)	65 (17,2)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	50 (109)	82 (21,7)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	56 (123)	100 (26,4)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	65 (142)	117 (30,9)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

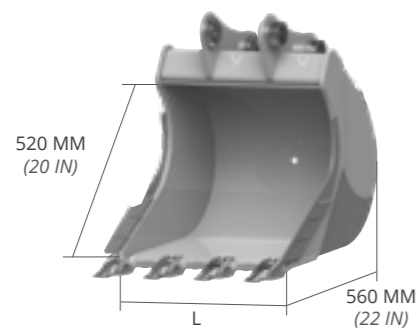
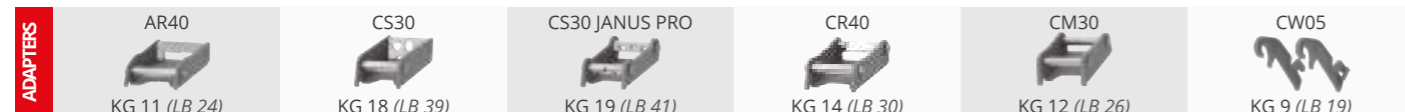
OPTIONAL

5
SUPPLEMENTARY
BLADE

OPTIONAL

5
SUPPLEMENTARY
BLADE

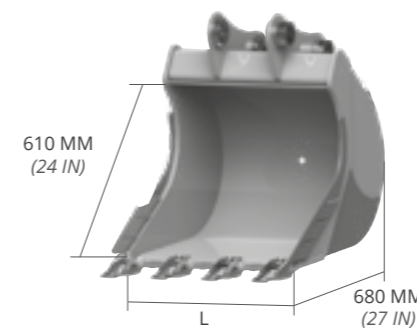
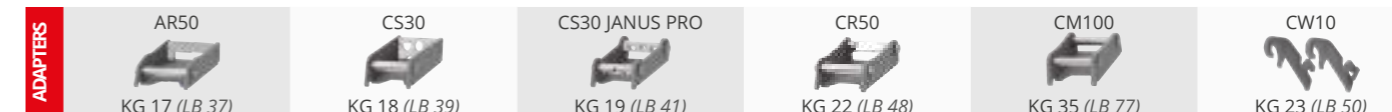
SB53 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
250 (10)	37 (82)	32 (8,5)	2	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
300 (12)	40 (89)	41 (10,8)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	46 (101)	51 (13,5)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	51 (111)	61 (16,1)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	55 (121)	72 (19,0)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	59 (129)	82 (21,7)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	67 (148)	105 (27,7)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	76 (167)	127 (33,5)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	85 (187)	152 (40,2)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
900 (35)	93 (206)	175 (46,2)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

SB62 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
250 (10)	57 (126)	45 (11,9)	2	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
300 (12)	63 (138)	58 (15,3)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	68 (150)	71 (18,8)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	74 (163)	85 (22,5)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	79 (175)	100 (26,4)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	86 (188)	115 (30,4)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	97 (215)	147 (38,8)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	109 (241)	180 (47,6)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	121 (267)	213 (56,3)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
900 (35)	133 (293)	248 (65,5)	6	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
1000 (39)	145 (319)	282 (74,5)	6	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

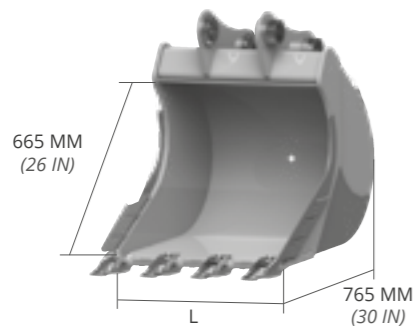
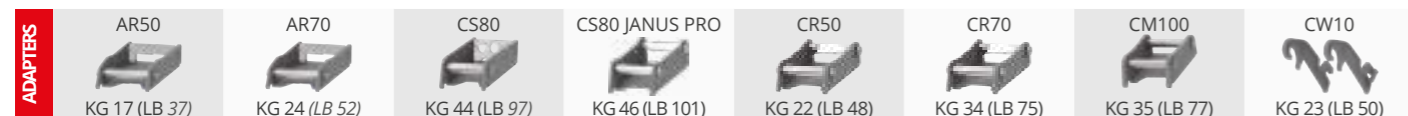
OPTIONAL

5
SUPPLEMENTARY
BLADE

OPTIONAL

5
SUPPLEMENTARY
BLADE

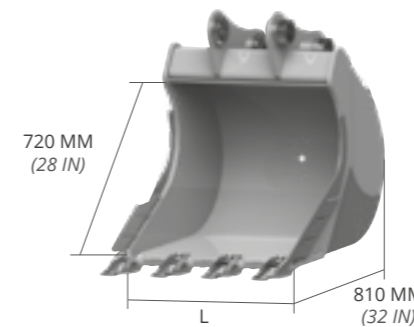
SB67 MACHINE WEIGHT 5,0 - 7,5 t (11023 - 16535 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
300 (12)	83 (182)	68 (18,0)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	92 (202)	84 (22,2)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	101 (222)	101 (26,7)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	109 (240)	118 (31,2)	3	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	117 (258)	137 (36,2)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	134 (296)	174 (46,0)	4	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	150 (331)	214 (56,5)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	167 (368)	254 (67,1)	5	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
900 (35)	183 (403)	295 (77,9)	6	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO
1000 (39)	199 (438)	338 (89,3)	6	AF - AR - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

SB73 MACHINE WEIGHT 7,5 - 10,0 t (116535 - 22046 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
300 (12)	95 (210)	76 (20,1)	2	AF - CS
				CR - CM
				CW - CS JANUS PRO
350 (14)	103 (228)	94 (24,8)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
400 (16)	110 (243)	113 (29,9)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
450 (18)	120 (265)	133 (35,1)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
500 (20)	130 (286)	153 (40,4)	3	AF - CS
				CR - CM
				CW - CS JANUS PRO
600 (24)	148 (326)	196 (51,8)	4	AF - CS
				CR - CM
				CW - CS JANUS PRO
700 (28)	166 (366)	240 (63,4)	4	AF - CS
				CR - CM
				CW - CS JANUS PRO
800 (31)	184 (406)	286 (75,6)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO
900 (35)	202 (446)	333 (88,0)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO
1000 (39)	220 (486)	379 (100,1)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO
1100 (43)	238 (525)	430 (113,6)	5	AF - CS
				CR - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

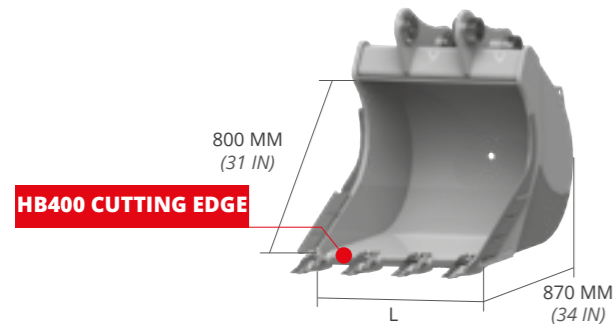
OPTIONAL

5
SUPPLEMENTARY
BLADE

OPTIONAL

5
SUPPLEMENTARY
BLADE

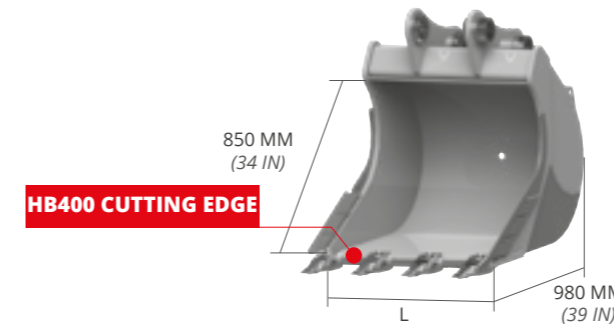
SB80 SC80 MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
300 (12)	119 (261)	86 (22,7)	2	AF - CS
				CR - CM - CS JANUS PRO
				CW
350 (14)	128 (282)	107 (28,3)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
400 (16)	141 (311)	129 (34,1)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
450 (18)	151 (333)	151 (39,9)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
500 (20)	162 (357)	174 (46,0)	3	AF - CS
				CR - CM - CS JANUS PRO
				CW
600 (24)	182 (402)	222 (58,6)	4	AF - CS
				CR - CM - CS JANUS PRO
				CW
700 (28)	203 (447)	273 (72,1)	4	AF - CS
				CR - CM - CS JANUS PRO
				CW
800 (31)	222 (489)	325 (85,9)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
900 (35)	242 (534)	379 (100,1)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
1000 (39)	261 (576)	433 (114,4)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
1100 (43)	282 (621)	486 (128,4)	5	AF - CS
				CR - CM - CS JANUS PRO
				CW
1200 (47)	303 (667)	546 (144,2)	6	AF - CS
				CR - CM - CS JANUS PRO
				CW
1300 (51)	323 (712)	602 (159,0)	6	AF - CS
				CR - CM - CS JANUS PRO
				CW

* weight of the tank excluding attachment

SB85 MIDI MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)



L MM (IN)	VWEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
400 (16)	197 (435)	171 (45,2)	3	AF - CM
				CS - CW
				CS JANUS PRO
500 (20)	220 (486)	235 (62,1)	3	AF - CM
				CS - CW
				CS JANUS PRO
600 (24)	243 (536)	300 (79,3)	4	AF - CM
				CS - CW
				CS JANUS PRO
700 (28)	266 (586)	368 (97,2)	4	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	289 (638)	438 (115,7)	5	AF - CM
				CS - CW
				CS JANUS PRO
900 (35)	312 (688)	510 (134,7)	5	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	336 (741)	584 (154,3)	5	AF - CM
				CS - CW
				CS JANUS PRO
1100 (43)	360 (793)	657 (173,6)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	384 (847)	730 (192,8)	6	AF - CM
				CS - CW
				CS JANUS PRO
1300 (51)	408 (899)	810 (214,0)	6	AF - CM
				CS - CW
				CS JANUS PRO

* weight of the tank excluding attachment

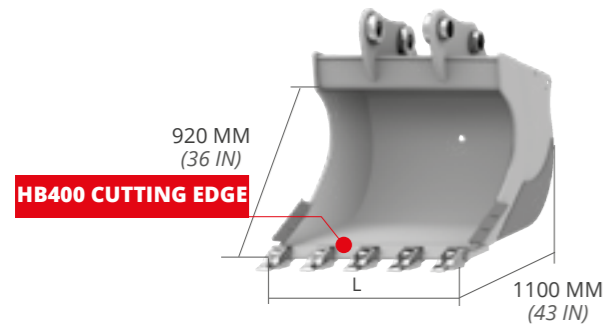
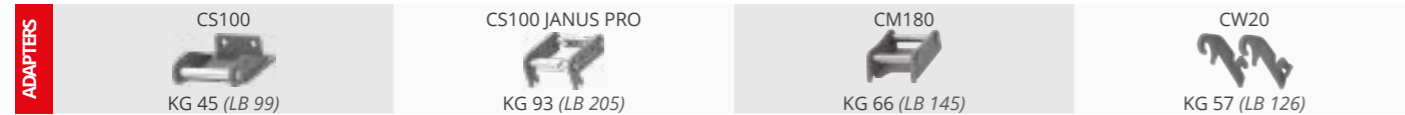
OPTIONAL

5 SUPPLEMENTARY BLADE

OPTIONAL

5 SUPPLEMENTARY BLADE

SB92 HD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 t (26455 - 30865 lb)

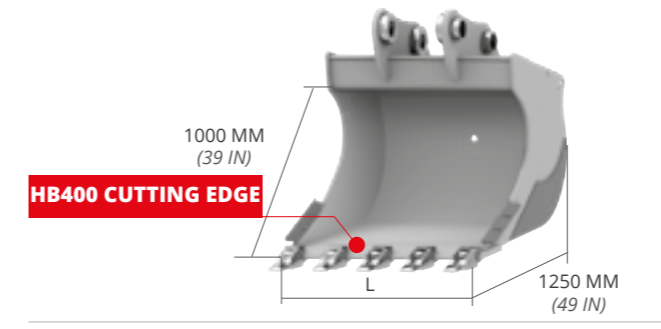
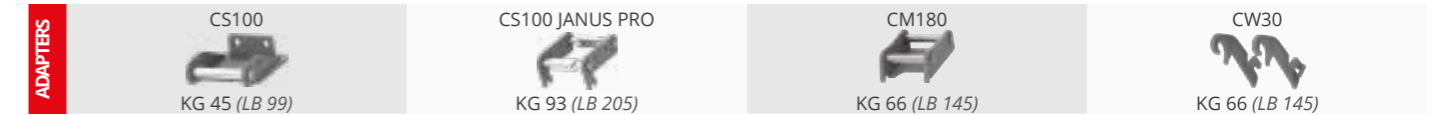


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	259 (571)	337 (89,0)	4	AF - CM
				CS - CW
				CS JANUS PRO
700 (28)	280 (617)	405 (107,0)	4	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	315 (694)	475 (125,5)	5	AF - CM
				CS - CW
				CS JANUS PRO
900 (35)	350 (772)	547 (144,5)	5	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	385 (849)	622 (164,3)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	421 (928)	783 (206,8)	6	AF - CM
				CS - CW
				CS JANUS PRO

OPTIONAL

5	SUPPLEMENTARY BLADE
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SB100 HD MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)

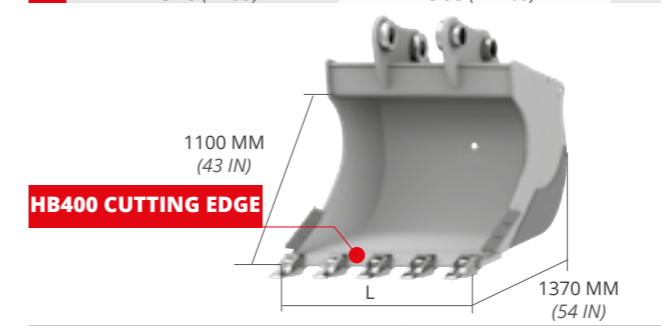


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	346 (763)	398 (105,1)	3	AF - CM
				CS - CW
				CS JANUS PRO
700 (28)	386 (851)	478 (126,3)	4	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	426 (939)	560 (147,9)	4	AF - CM
				CS - CW
				CS JANUS PRO
900 (35)	466 (1027)	644 (170,1)	4	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	506 (1116)	730 (192,8)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	586 (1292)	909 (240,1)	5	AF - CM
				CS - CW
				CS JANUS PRO

OPTIONAL

5	SUPPLEMENTARY BLADE
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SB110 HD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	437 (963)	464 (122,6)	3	AF - CM
				CS - CW
				CS JANUS PRO
800 (31)	539 (1188)	654 (172,8)	4	AF - CM
				CS - CW
				CS JANUS PRO
1000 (39)	641 (1413)	854 (225,6)	5	AF - CM
				CS - CW
				CS JANUS PRO
1200 (47)	743 (1638)	1064 (281,1)	5	AF - CM
				CS - CW
				CS JANUS PRO
1300 (52)	794 (1750)	1173 (309,9)	6	AF - CM
				CS - CW
				CS JANUS PRO
1400 (55)	845 (1863)	1288 (340,3)	6	AF - CM
				CS - CW
				CS JANUS PRO

OPTIONAL

5	SUPPLEMENTARY BLADE
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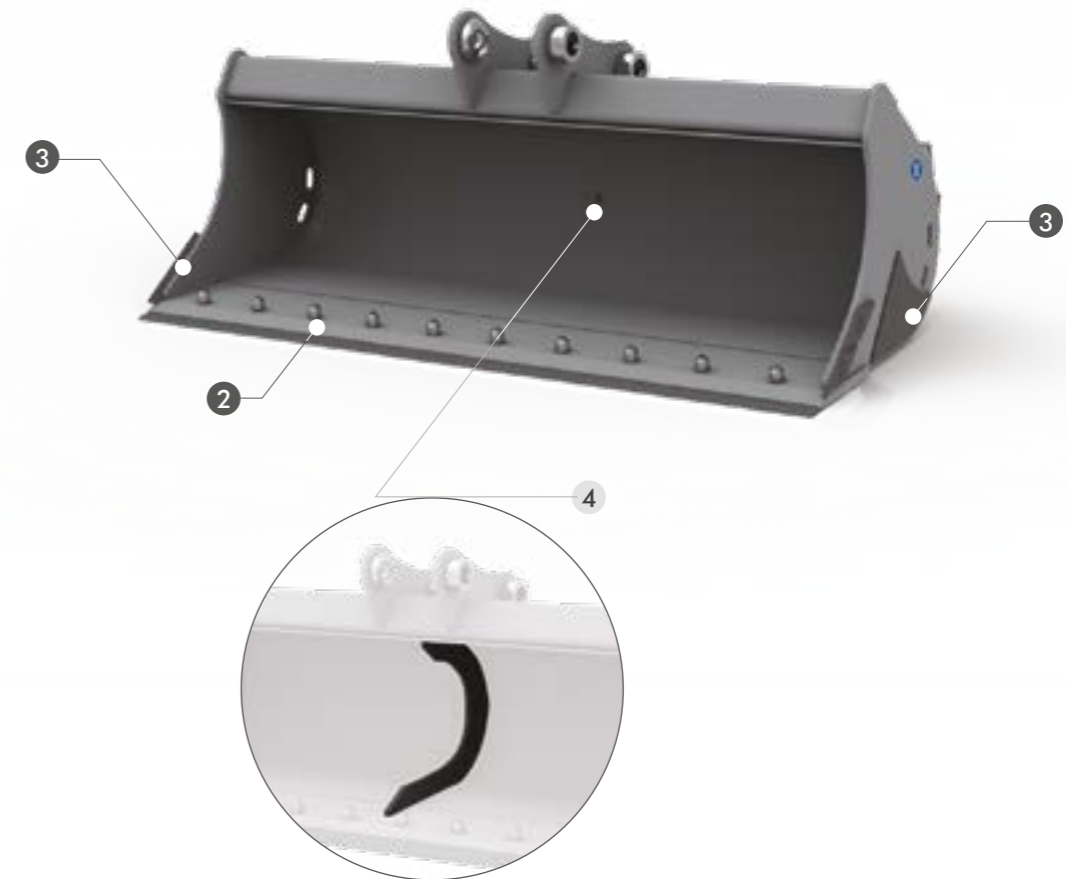
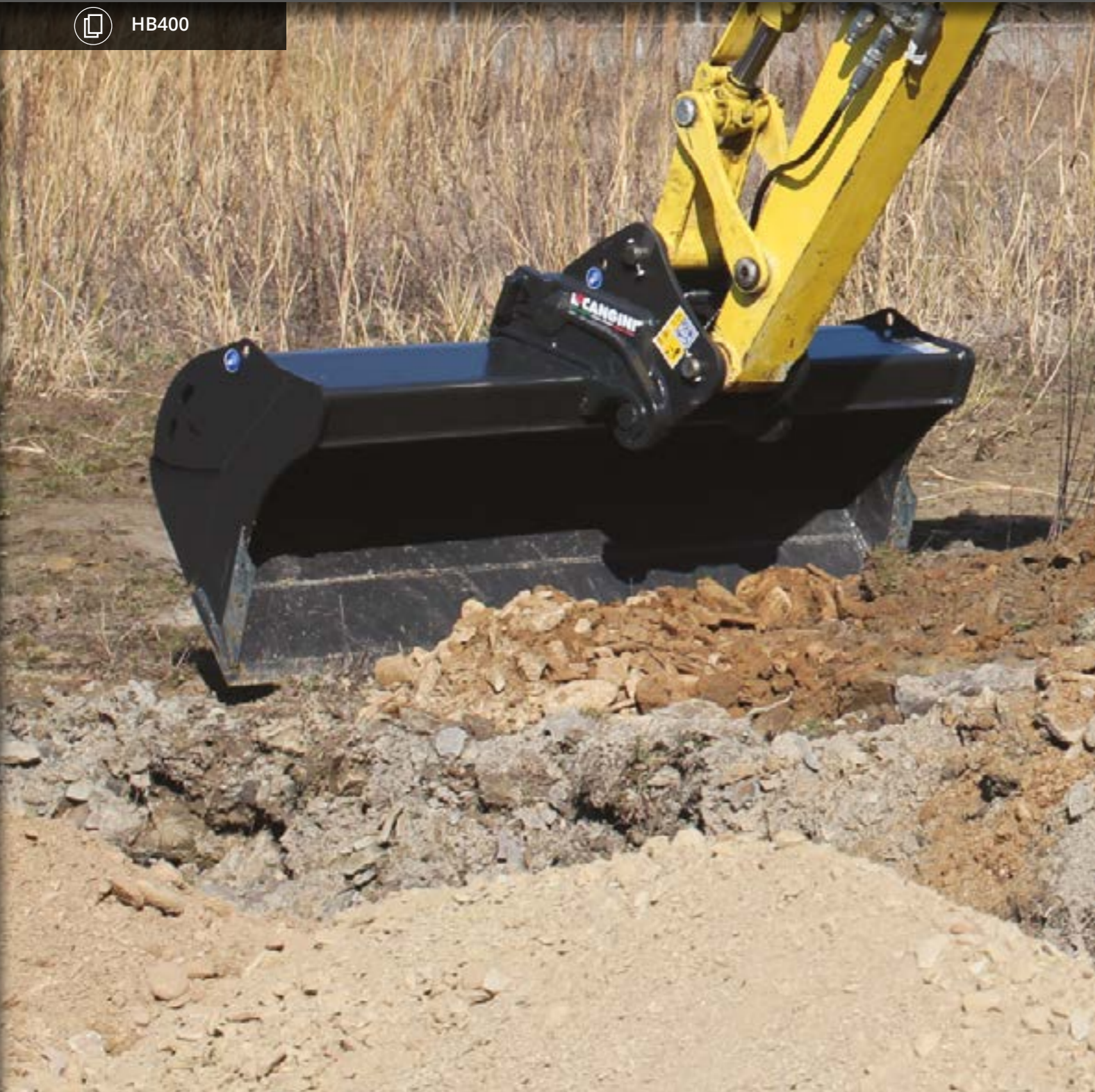
* weight of the tank excluding attachment

* weight of the tank excluding attachment



ADAPTERS

HB400



SPECIFICHE TECNICHE STANDARD

- 1 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 HB400 ADDITIONAL BOLT-ON REVERSIBLE CUTTING EDGE**
HB400 BOLTED-IN REVERSIBLE UNDERBLADE INDICATED TO WORK ON PARTICULARLY ABRASIVE SOILS.
- 3 HB400 SIDE CAST CUTTERS AND REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.

OPTIONAL

- 4 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 5 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.

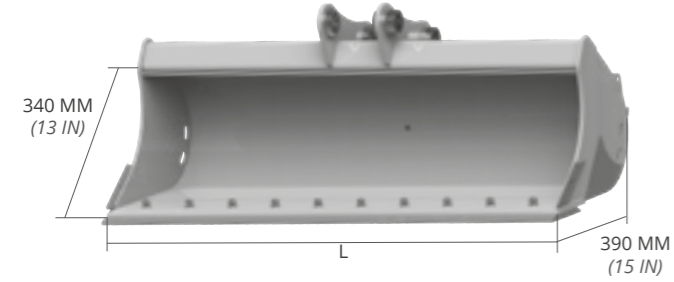
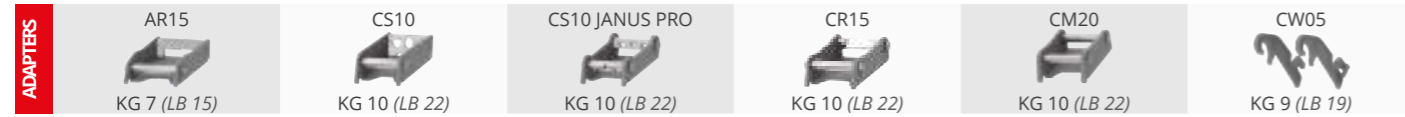
HB400 REINFORCEMENTS ON THE AREAS OF MAJOR WEAR, CAST SIDE CUTTERS AND A BOLTED-IN REVERSIBLE UNDERBLADE MAKE THIS BUCKET SUITABLE FOR WORKS ON ABRASIVE SOILS.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1600 MM: NR. 2 BEZELS
- WIDTH FROM 1800 TO 2200 MM: NR. 3 BEZELS

MOD.	SPR35	SPR40	SPR40	SPR45	SPR50	SPR55	MIDI SPR60	EXCAVATOR SPR65 HD	SPR70 HD
TONS (LB)	1,8 - 2,5 (3968 - 5512)	2,0 - 2,5 (4409 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 5,0 (8818 - 11023)	5,0 - 7,5 (11023 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 18,0 (26455 - 39683)	18,0 - 22,0 (39683 - 48502)

SPR35 MACHINE WEIGHT - 1,2 - 1,8 t (2646 - 3968 lb)

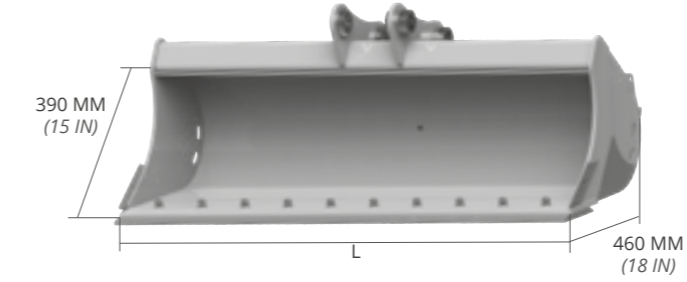


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	63 (138)	75 (19,8)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1000 (39)	76 (168)	96 (25,4)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1200 (47)	90 (198)	117 (30,9)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

5
REAR RAZOR

SPR40 MACHINE WEIGHT 2,0 - 2,5 t (4409 - 5511 lb)



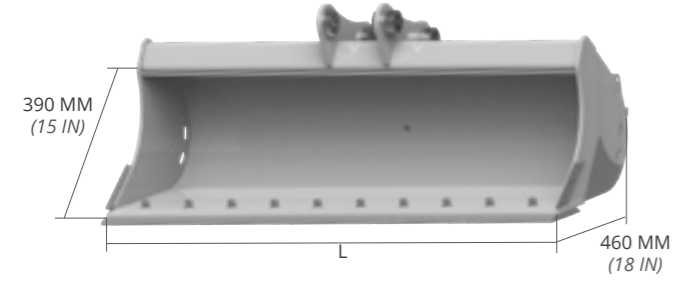
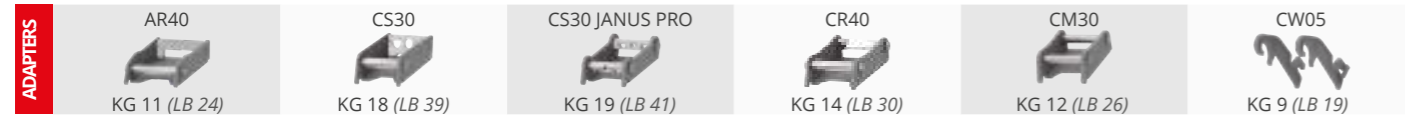
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	108 (238)	125 (33,0)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1200 (47)	128 (282)	154 (40,7)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

4
BEZEL

5
REAR RAZOR

SPR40 MACHINE WEIGHT 2,5 - 4,0 t (5511 - 8818 lb)



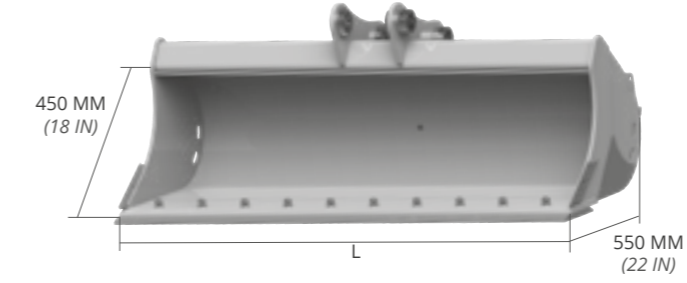
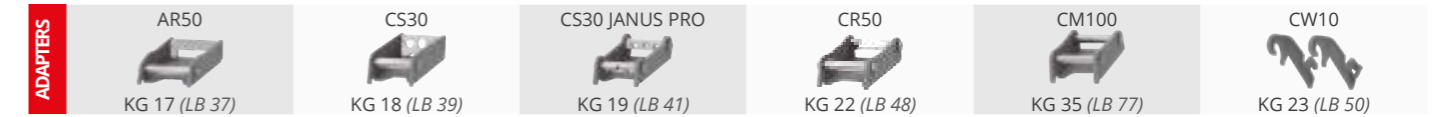
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	108 (238)	125 (33,0)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1200 (47)	128 (282)	154 (40,7)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	148 (326)	182 (48,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

4
BEZEL

5
REAR RAZOR

SPR45 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	160 (353)	213 (56,3)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	185 (407)	254 (67,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1500 (59)	197 (433)	274 (72,4)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

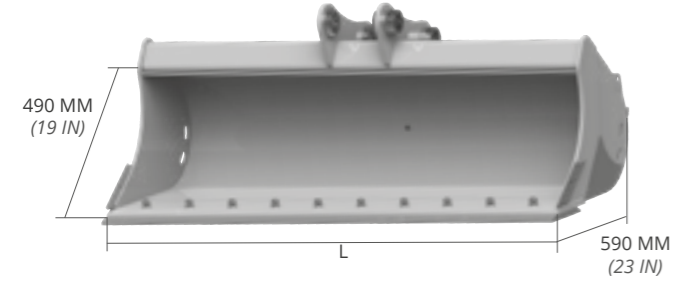
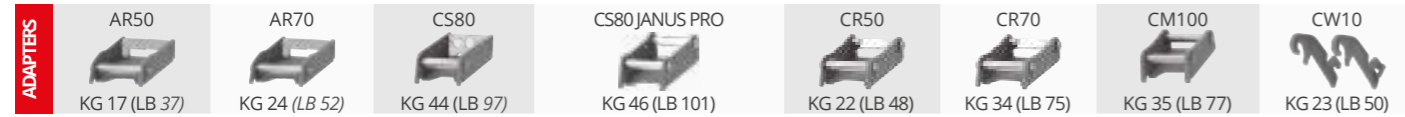
4
BEZEL

5
REAR RAZOR

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPR50 MACHINE WEIGHT 5,0 - 7,5 t (11012 - 16535 lb)

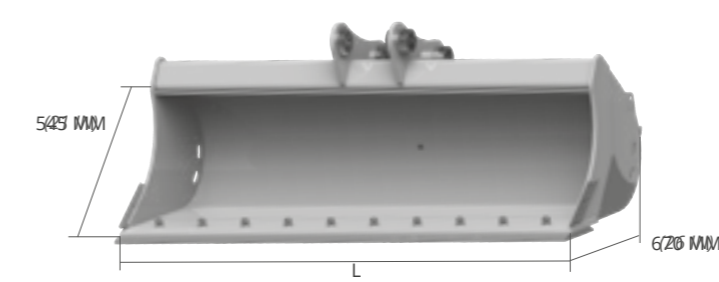


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	183 (404)	250 (66,0)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	211 (465)	298 (78,8)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1600 (63)	239 (526)	345 (91,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1800 (71)	266 (587)	392 (103,6)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 4 BEZEL
- 5 REAR RAZOR

SPR55 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

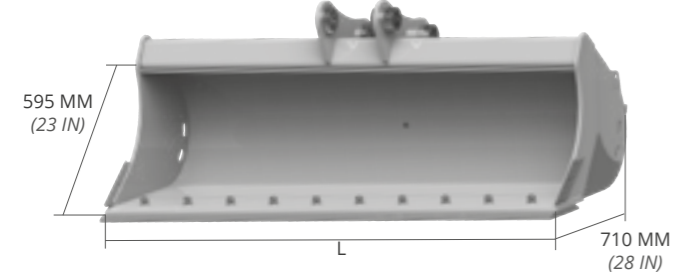


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	233 (515)	326 (86,1)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	267 (588)	387 (102,2)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1600 (63)	302 (665)	447 (118,1)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1800 (71)	336 (741)	507 (133,9)	AF - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 4 BEZEL
- 5 REAR RAZOR

SPR60 MIDI MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

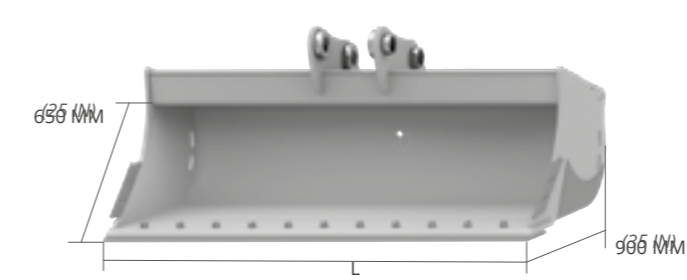


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	273 (601)	367 (97,0)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1400 (55)	311 (685)	436 (115,2)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1600 (63)	351 (774)	504 (133,1)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1800 (71)	389 (858)	573 (151,4)	AF - CS
			CR - CM - CS JANUS PRO
			CW
2000 (79)	427 (942)	641 (169,3)	AF - CS
			CR - CM - CS JANUS PRO
			CW

OPTIONAL

- 4 BEZEL
- 5 REAR RAZOR

SPR65 HD EXCAVATOR MACHINE WEIGHT 12,0 - 18,0 t (26455 - 39683 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	394 (869)	631 (166,7)	AF - CM
			CS - CW
			CS JANUS PRO
1500 (59)	4420 (926)	665 (175,7)	AF - CM
			CS - CW
			CS JANUS PRO
1600 (63)	445 (981)	699 (184,7)	AF - CM
			CS - CW
			CS JANUS PRO
1800 (71)	496 (1093)	767 (202,6)	AF - CM
			CS - CW
			CS JANUS PRO
2000 (79)	546 (1204)	835 (220,6)	AF - CM
			CS - CW
			CS JANUS PRO

OPTIONAL

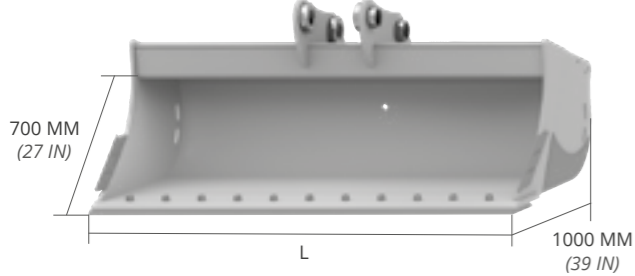
- 4 BEZEL
- 5 REAR RAZOR

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPR70 HD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)

ADAPTERS	CS100 KG 45 (LB 99)	CS100 JANUS PRO KG 93 (LB 205)	CM180 KG 66 (LB 145)	CW30 KG 66 (LB 145)
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L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1500 (59)	512 (1130)	780 (206,1)	AF - CM
			CS - CW
			CS JANUS PRO
1600 (63)	543 (1197)	820 (216,6)	AF - CM
			CS - CW
			CS JANUS PRO
1800 (71)	604 (1331)	900 (237,8)	AF - CM
			CS - CW
			CS JANUS PRO
2000 (79)	662 (1460)	980 (258,9)	AF - CM
			CS - CW
			CS JANUS PRO
2200 (87)	719 (1586)	1060 (280,0)	AF - CM
			CS - CW
			CS JANUS PRO

OPTIONAL

- 4 BEZEL
- 5 REAR RAZOR



* weight of the tank excluding attachment



HB400



STANDARD TECHNICAL FEATURES

- 1 REINFORCING STRIPS 400HB**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 2 BLOCK VALVE**
IT ALLOWS TO KEEP THE BUCKET POSITIONING DURING THE WORKING PHASE.
- 3 HB400 ADDITIONAL BOLT-ON REVERSIBLE CUTTING EDGE**
BOLTED-IN HB400 REVERSIBLE UNDERBLADE. RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.
- 4 HB400 SIDE CAST CUTTERS AND REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.

OPTIONAL

- 5 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANC. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 6 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 7 PIPE KIT**
OPTIONAL KIT INSTALLED ON THE BUCKET FOR THE FEEDING OF THE HYDRAULIC CYLINDER. IT ALLOWS THE USE OF TWO OUTLETS ON THE RIGHT AND TWO OUTLETS ON THE LEFT FOR THE HYDRAULIC CONNECTION TO THE MACHINE REDUCING THE INSTALLATION TIMES. THE CONNECTING PIPES ARE NOT SUPPLIED.

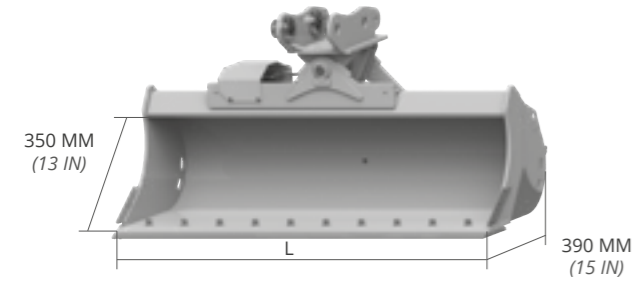
HB400 REINFORCEMENTS ON THE AREAS OF MAJOR WEAR, CAST SIDE CUTTERS AND A BOLTED-IN REVERSIBLE UNDERBLADE MAKE THIS BUCKET SUITABLE FOR WORKS ON ABRASIVE SOILS. IT'S THE IDEAL TOOL FOR FINISHING AND LEVELLING WORKS. ITS TILTING MECHANISM ENABLES TO TILT THE BUCKET BY 45° ON BOTH SIDES. THE STANDARD BLOCK VALVE ENABLES TO KEEP THE ANGLE.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1600 MM: NR. 2 BEZELS
- WIDTH FROM 1800 TO 2200 MM: NR. 3 BEZELS

MOD.	MIDI					EXCAVATOR		
	SQR35	SQR40	SQR45	SQR50	SQR55	SQR60	SQR65 HD	SQR70 HD
TONS (LB)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 5,0 (8818 - 11023)	5,0 - 7,5 (11023 - 16535)	7,5 - 10,0 (16535 - 22046)	10,0 - 12,0 (22046 - 26455)	12,0 - 18,0 (26455 - 39683)	18,0 - 22,0 (39683 - 48502)

SQR35 MACHINE WEIGHT - 1,8 - 2,5 t (3968 - 5512 lb)

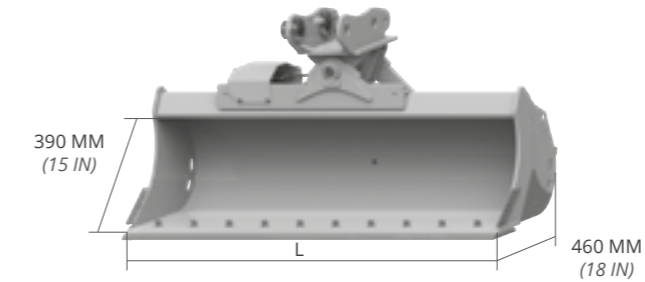
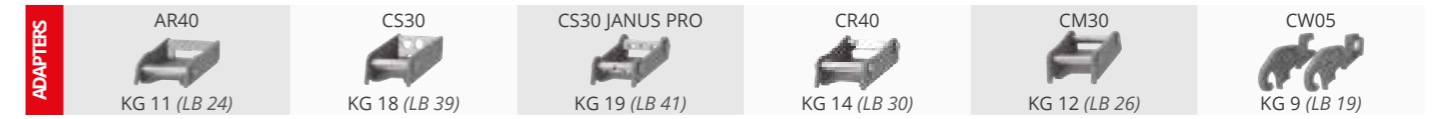


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	95 (210)	75 (19,8)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1000 (39)	109 (239)	96 (25,4)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1200 (47)	122 (269)	117 (30,9)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 7 REAR RAZOR
- 8 PIPE KIT

SQR40 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

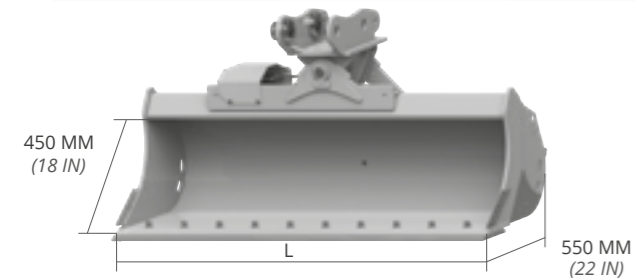
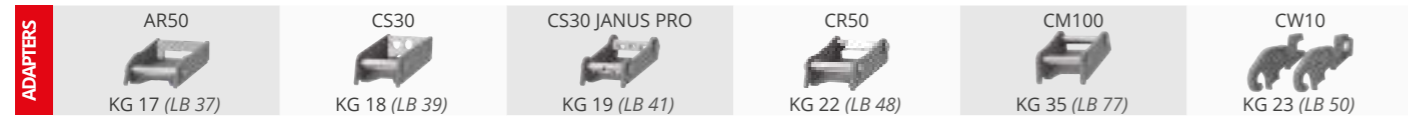


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	166 (365)	125 (33,0)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1200 (47)	186 (410)	154 (40,7)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	206 (454)	182 (48,7)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 6 BEZEL
- 7 REAR RAZOR
- 8 PIPE KIT

SQR45 MACHINE WEIGHT 4,0 - 5,0 t (8818 - 11023 lb)

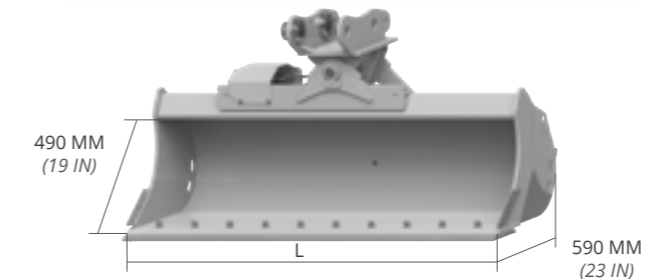
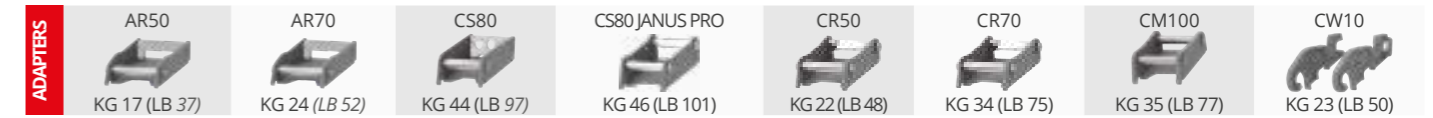


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	243 (537)	213 (56,3)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	268 (591)	254 (67,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1500 (59)	280 (617)	274 (72,4)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 6 BEZEL
- 7 REAR RAZOR
- 8 PIPE KIT

SQR50 MACHINE WEIGHT 5,0 - 7,5 t (11012 - 16535 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	267 (588)	250 (66,0)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	294 (648)	298 (78,8)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1600 (63)	322 (710)	345 (91,1)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO
1800 (71)	349 (770)	392 (103,6)	AF - AR - CS
			CR - CM
			CW - CS JANUS PRO

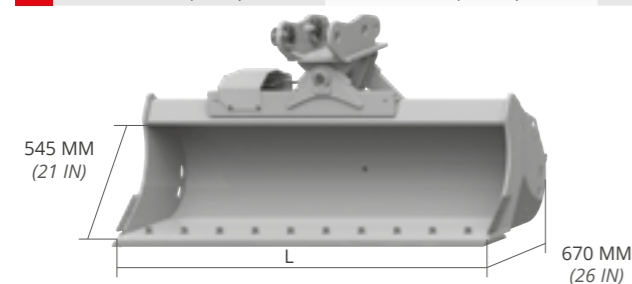
OPTIONAL

- 6 BEZEL
- 7 REAR RAZOR
- 8 PIPE KIT

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQR55 MACHINE WEIGHT 7,5 - 10,0 t (16535 - 22046 lb)

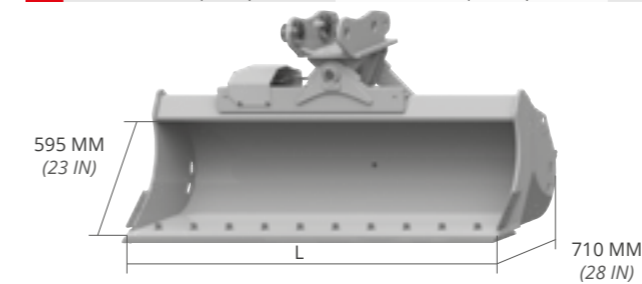


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	347 (764)	326 (86,1)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1400 (55)	380 (838)	387 (102,2)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1600 (63)	415 (915)	447 (118,1)	AF - CS
			CR - CM
			CW - CS JANUS PRO
1800 (71)	449 (991)	507 (133,9)	AF - CS
			CR - CM
			CW - CS JANUS PRO

OPTIONAL

- 6 BEZEL
- 7 REAR RAZOR
- 8 PIPE KIT

SQR60 MIDI MACHINE WEIGHT 10,0 - 12,0 t (22046 - 26455 lb)

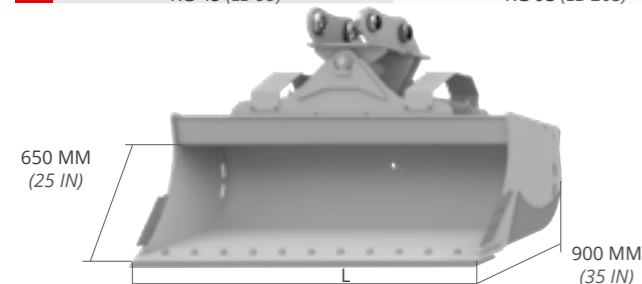
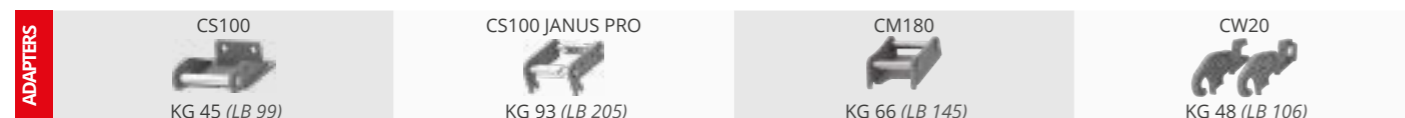


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	386 (851)	367 (97,0)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1400 (55)	424 (935)	436 (115,2)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1600 (63)	464 (1024)	504 (133,1)	AF - CS
			CR - CM - CS JANUS PRO
			CW
1800 (71)	502 (1108)	573 (151,4)	AF - CS
			CR - CM - CS JANUS PRO
			CW
2000 (79)	540 (1191)	641 (169,3)	AF - CS
			CR - CM - CS JANUS PRO
			CW

OPTIONAL

- 6 BEZEL
- 7 REAR RAZOR
- 8 PIPE KIT

SQR65 HD EXCAVATOR MACHINE WEIGHT 12,0 - 18,0 t (26455 - 39683 lb)

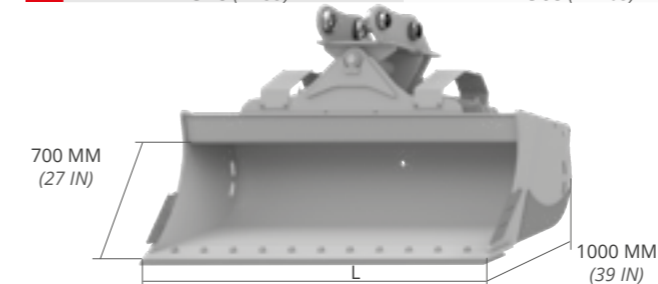
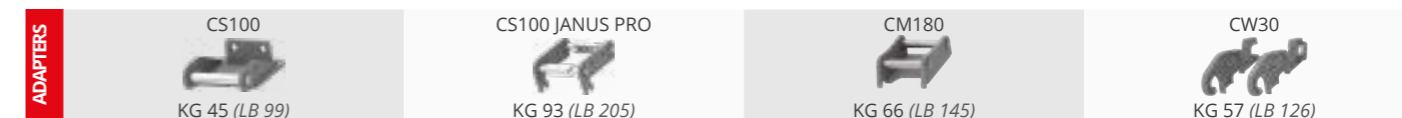


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	532 (1173)	631 (166,7)	AF - CM
			CS - CW
			CS JANUS PRO
1500 (59)	558 (1230)	665 (175,7)	AF - CM
			CS - CW
			CS JANUS PRO
1600 (63)	583 (1285)	699 (184,7)	AF - CM
			CS - CW
			CS JANUS PRO
1800 (71)	634 (1398)	767 (202,6)	AF - CM
			CS - CW
			CS JANUS PRO
2000 (79)	684 (1508)	835 (220,6)	AF - CM
			CS - CW
			CS JANUS PRO

OPTIONAL

- 6 BEZEL
- 7 REAR RAZOR
- 8 PIPE KIT

SQR70 HD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1500 (59)	650 (1434)	780 (206,1)	AF - CM
			CS - CW
			CS JANUS PRO
1600 (63)	681 (1501)	820 (216,6)	AF - CM
			CS - CW
			CS JANUS PRO
1800 (71)	742 (1635)	900 (237,8)	AF - CM
			CS - CW
			CS JANUS PRO
2000 (79)	800 (1765)	980 (258,9)	AF - CM
			CS - CW
			CS JANUS PRO
2200 (87)	857 (1890)	1060 (280,0)	AF - CM
			CS - CW
			CS JANUS PRO

OPTIONAL





- 6 BEZEL
- 7 REAR RAZOR
- 8 PIPE KIT

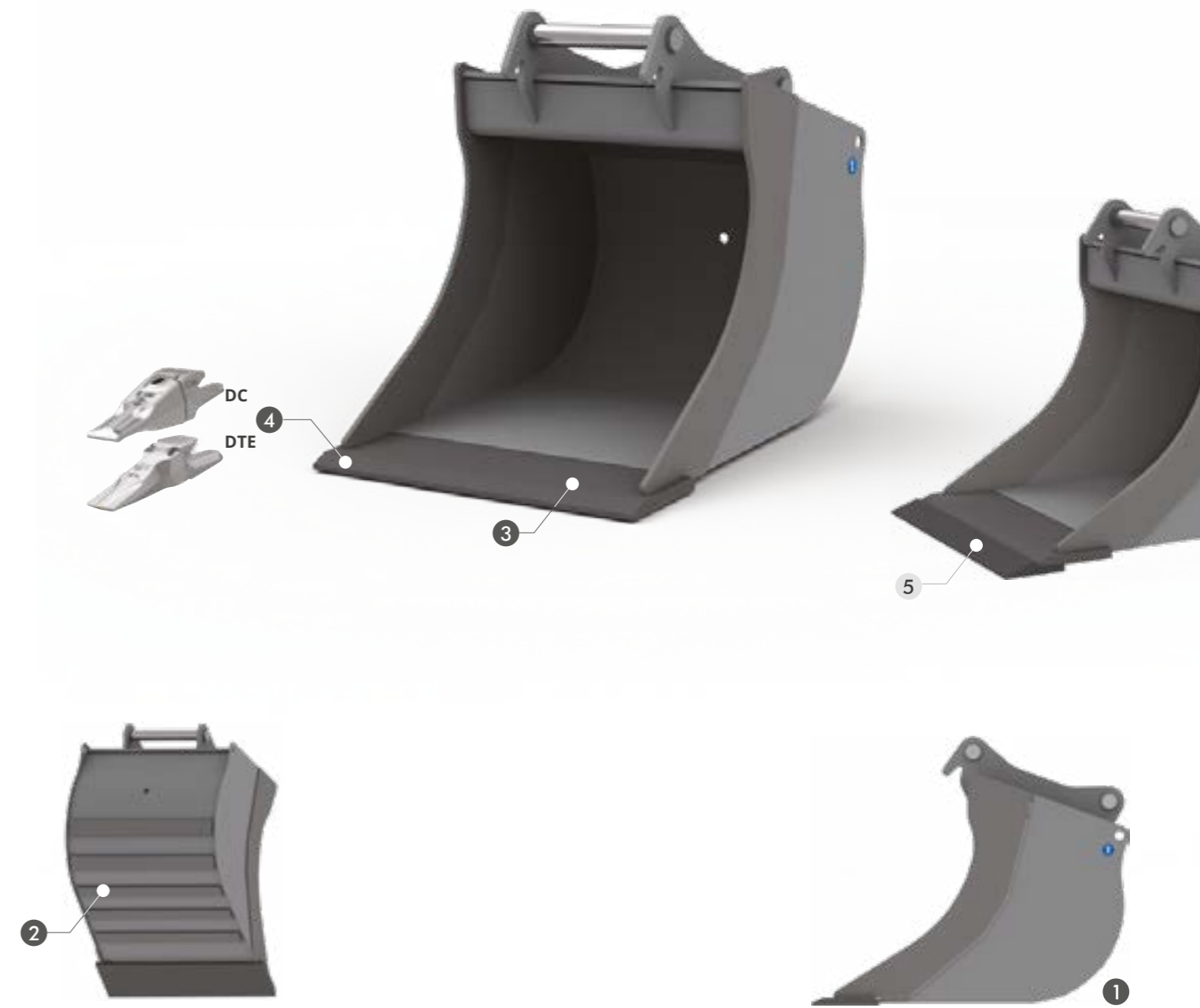
* weight of the tank excluding attachment

* weight of the tank excluding attachment



DIGGING BUCKET GENERAL DUTY	228	SCS GD	
CABLE BUCKET GENERAL DUTY	236	BS GD	
SKELETON BUCKET GENERAL DUTY	244	VS GD	
DITCH CLEANING BUCKET 8° GENERAL DUTY	252	SPS 8°GD	
DITCH CLEANING BUCKET 25° GENERAL DUTY	260	SPS 25° GD	
TILTING DITCH CLEANING BUCKET 8° GENERAL DUTY	268	SQS 8° GD	

DIGGING BUCKET HEAVY DUTY	276	SCS HD	
CABLE BUCKET HEAVY DUTY	284	BS HD	
DITCH CLEANING BUCKET 8° HEAVY DUTY	292	SPS 8° HD	
DITCH CLEANING BUCKET 25° HEAVY DUTY	300	SPS 25° HD	
TILTING DITCH CLEANING BUCKET 8° HEAVY DUTY	308	SQS 8° HD	



ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.

STANDARD TECHNICAL FEATURES

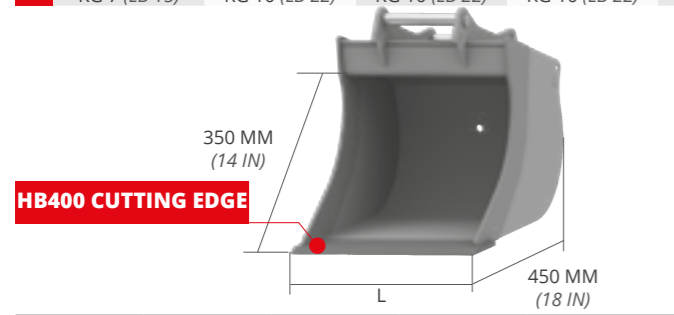
- 1 ELONGATED PROFILE**
- 2 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 DC TEETH DTE TEETH**

OPTIONAL

- 5 HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

	MIDI EXCAVATOR											
MOD.	SCS 35GD	SCS 40GD	SCS 48GD	SCS 60GD	SCS 67GD	SCS 71GD	SCS 75GD	SCS 80GD	SCS 85GD	SCS 92GD	SCS 100GD	SCS 110GD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 9,0 (16535 - 19842)	9,0 - 12,0 (19842 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 14,0 (26455 - 30865)	14,0 - 18,0 (30865 - 39683)	18,0 - 22,0 (39683 - 48502)

SCS35 GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)

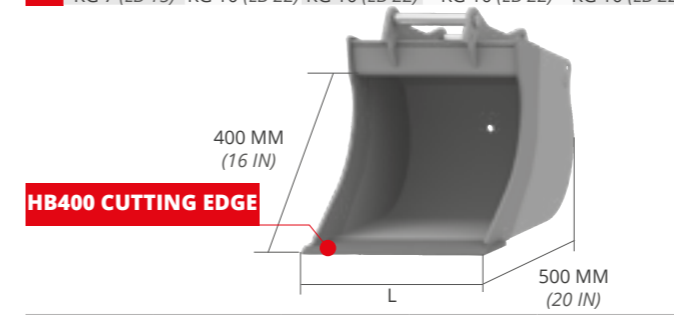


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
250 (10)	17 (37)	25 (6,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
300 (12)	20 (44)	30 (7,9)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	26 (57)	42 (11,1)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	31 (68)	54 (14,3)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS40 GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)

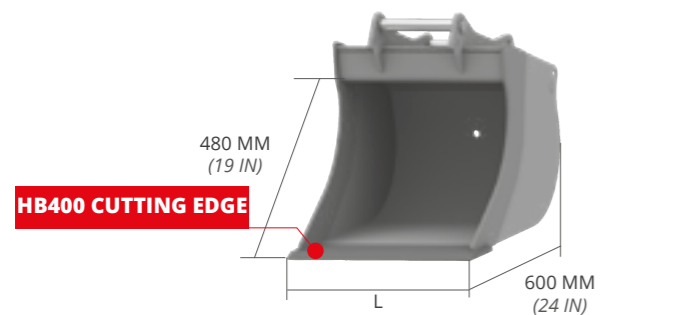


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
300 (12)	23 (51)	35 (9,2)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	30 (66)	45 (11,8)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	38 (84)	60 (16,8)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	45 (99)	85 (22,4)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS48 GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)

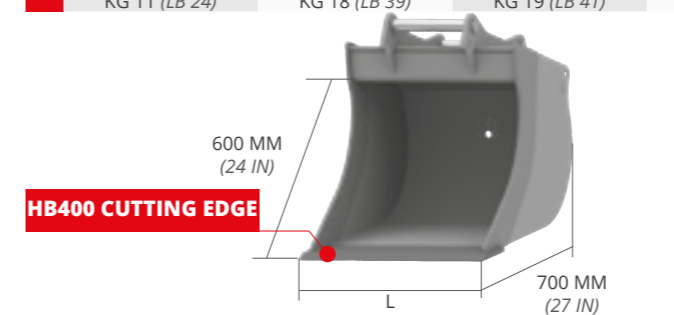


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
300 (12)	34 (75)	48 (12,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	43 (95)	68 (17,9)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	55 (121)	85 (22,4)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	65 (143)	110 (29,0)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	90 (199)	160 (42,2)	5	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS60 GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
300 (12)	44 (97)	78 (20,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	54 (119)	105 (27,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	66 (146)	140 (36,9)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	80 (176)	165 (43,5)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	100 (220)	225 (59,4)	5	AF - AR - CS CR - S - CM CW - CS JANUS PRO

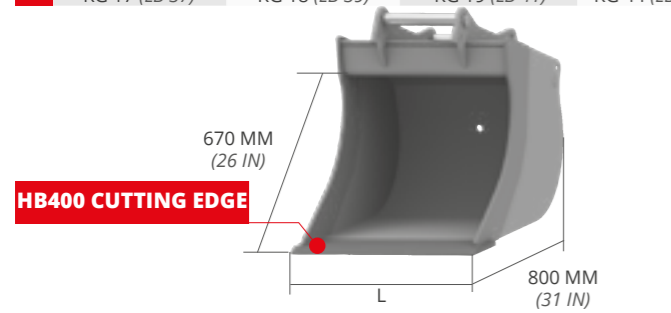
OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SCS67 GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)

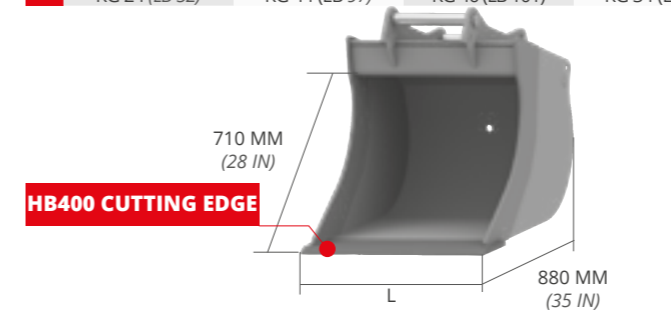
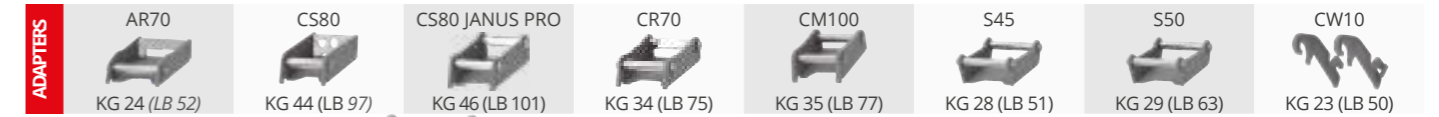


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
300 (12)	65 (143)	90 (23,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	73 (161)	130 (34,3)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	91 (201)	170 (44,9)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	106 (234)	200 (52,8)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	140 (309)	280 (73,9)	5	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS71 GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)

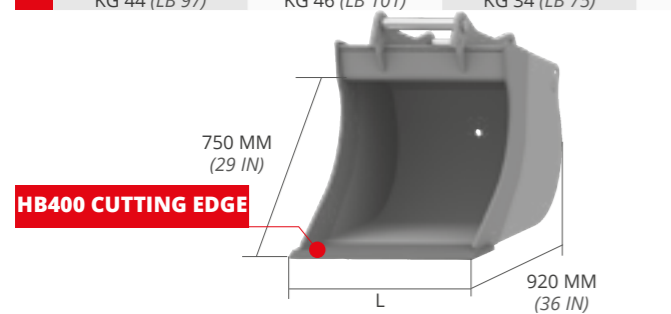


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	94 (207)	150 (39,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	114 (251)	190 (50,2)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	136 (300)	230 (60,7)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
700 (28)	156 (344)	260 (68,7)	5	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	174 (384)	315 (83,2)	5	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS75 GD MACHINE WEIGHT 7,5 - 9,0 (16535 - 1982 lb)

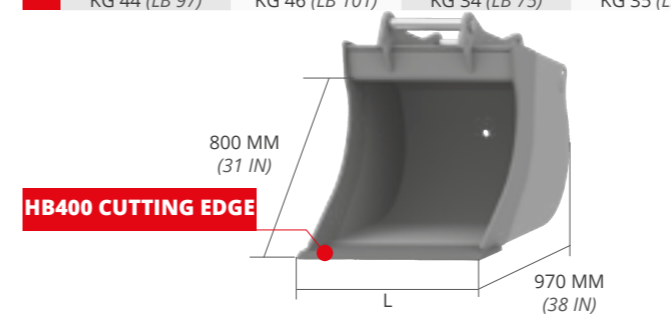
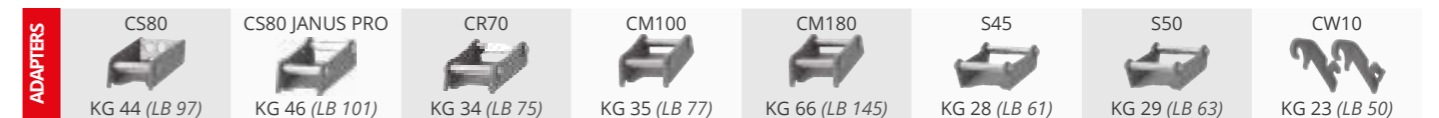


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	108 (238)	165 (43,6)	3	AF - CS CR - S - CM CW - CS JANUS PRO
500 (20)	128 (282)	210 (55,4)	4	AF - CS CR - S - CM CW - CS JANUS PRO
600 (24)	150 (331)	260 (68,7)	4	AF - CS CR - S - CM CW - CS JANUS PRO
700 (28)	175 (386)	300 (79,2)	5	AF - CS CR - S - CM CW - CS JANUS PRO
800 (31)	194 (427)	350 (94,2)	5	AF - CS CR - S - CM CW - CS JANUS PRO
1000 (39)	231 (509)	450 (118,9)	5	AF - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS80 GD MACHINE WEIGHT 9,0 - 12,0 (1982 - 26455 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	118 (260)	190 (50,2)	3	AF - CS CR - S - CM CW - CS JANUS PRO
500 (20)	135 (298)	245 (64,7)	3	AF - CS CR - S - CM CW - CS JANUS PRO
600 (24)	157 (346)	300 (79,2)	4	AF - CS CR - S - CM CW - CS JANUS PRO
700 (28)	185 (408)	350 (92,4)	4	AF - CS CR - S - CM CW - CS JANUS PRO
800 (31)	207 (456)	400 (105,7)	5	AF - CS CR - S - CM CW - CS JANUS PRO
1000 (39)	250 (551)	500 (132,1)	5	AF - CS CR - S - CM CW - CS JANUS PRO

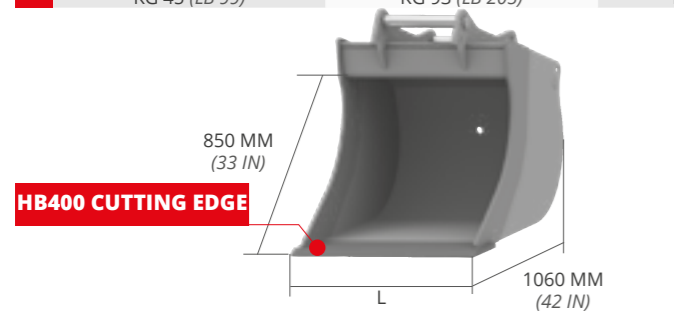
OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SCS85 GD **MIDI** MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)

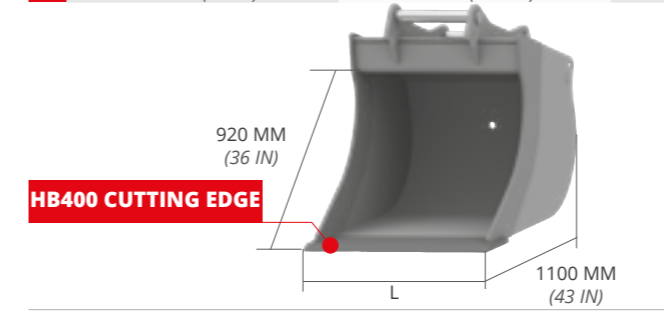


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
500 (20)	175 (386)	265 (70,0)	3	AF - S - CM CS - CW CS JANUS PRO
600 (24)	200 (441)	330 (87,1)	4	AF - S - CM CS - CW CS JANUS PRO
700 (28)	228 (503)	400 (105,7)	4	AF - S - CM CS - CW CS JANUS PRO
800 (31)	253 (558)	450 (118,8)	5	AF - S - CM CS - CW CS JANUS PRO
900 (39)	278 (613)	500 (132,1)	5	AF - S - CM CS - CW CS JANUS PRO
1000 (39)	305 (672)	580 (153,2)	5	AF - S - CM CS - CW CS JANUS PRO
1200 (47)	340 (750)	740 (195,5)	6	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS92 GD **EXCAVATOR** MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)

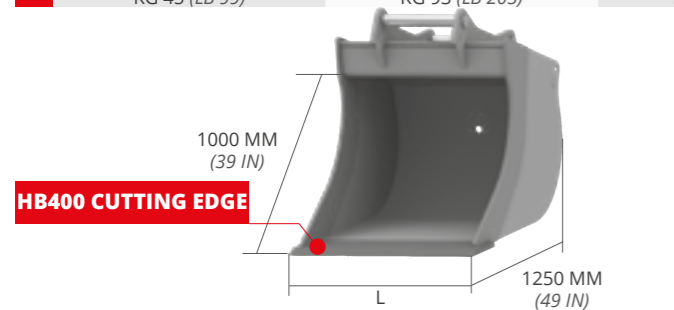


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	228 (503)	380 (100,4)	4	AF - S - CM CS - CW CS JANUS PRO
700 (28)	251 (553)	450 (118,9)	4	AF - S - CM CS - CW CS JANUS PRO
800 (31)	281 (619)	560 (147,9)	4	AF - S - CM CS - CW CS JANUS PRO
900 (35)	309 (681)	620 (163,8)	5	AF - S - CM CS - CW CS JANUS PRO
1000 (39)	350 (772)	700 (184,9)	5	AF - S - CM CS - CW CS JANUS PRO
1200 (47)	403 (888)	900 (237,7)	6	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS100 GD MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)

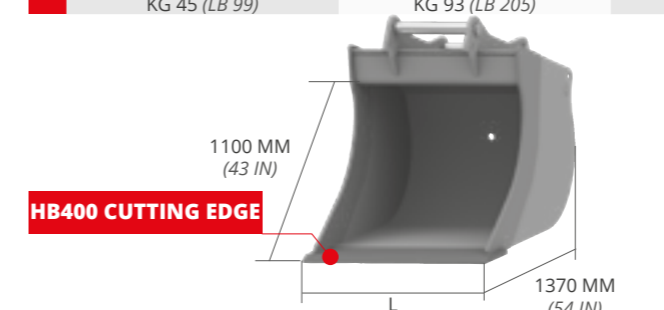


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	316 (697)	450 (118,9)	3	AF - S - CM CS - CW CS JANUS PRO
700 (28)	355 (783)	535 (141,3)	4	AF - S - CM CS - CW CS JANUS PRO
800 (31)	394 (869)	620 (163,7)	4	AF - S - CM CS - CW CS JANUS PRO
900 (35)	433 (955)	710 (187,5)	4	AF - S - CM CS - CW CS JANUS PRO
1000 (39)	472 (1041)	800 (211,3)	5	AF - S - CM CS - CW CS JANUS PRO
1200 (47)	550 (1213)	980 (258,8)	5	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

SCS110 GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	412 (908)	480 (126,8)	3	AF - S - CM CS - CW CS JANUS PRO
800 (31)	502 (1107)	690 (182,3)	4	AF - S - CM CS - CW CS JANUS PRO
1000 (39)	592 (1305)	900 (237,7)	5	AF - S - CM CS - CW CS JANUS PRO
1200 (47)	682 (1504)	1110 (293,2)	5	AF - S - CM CS - CW CS JANUS PRO
1300 (52)	727 (1603)	1220 (322,2)	6	AF - S - CM CS - CW CS JANUS PRO
1400 (55)	772 (1702)	1330 (351,3)	6	AF - S - CM CS - CW CS JANUS PRO


OPTIONAL

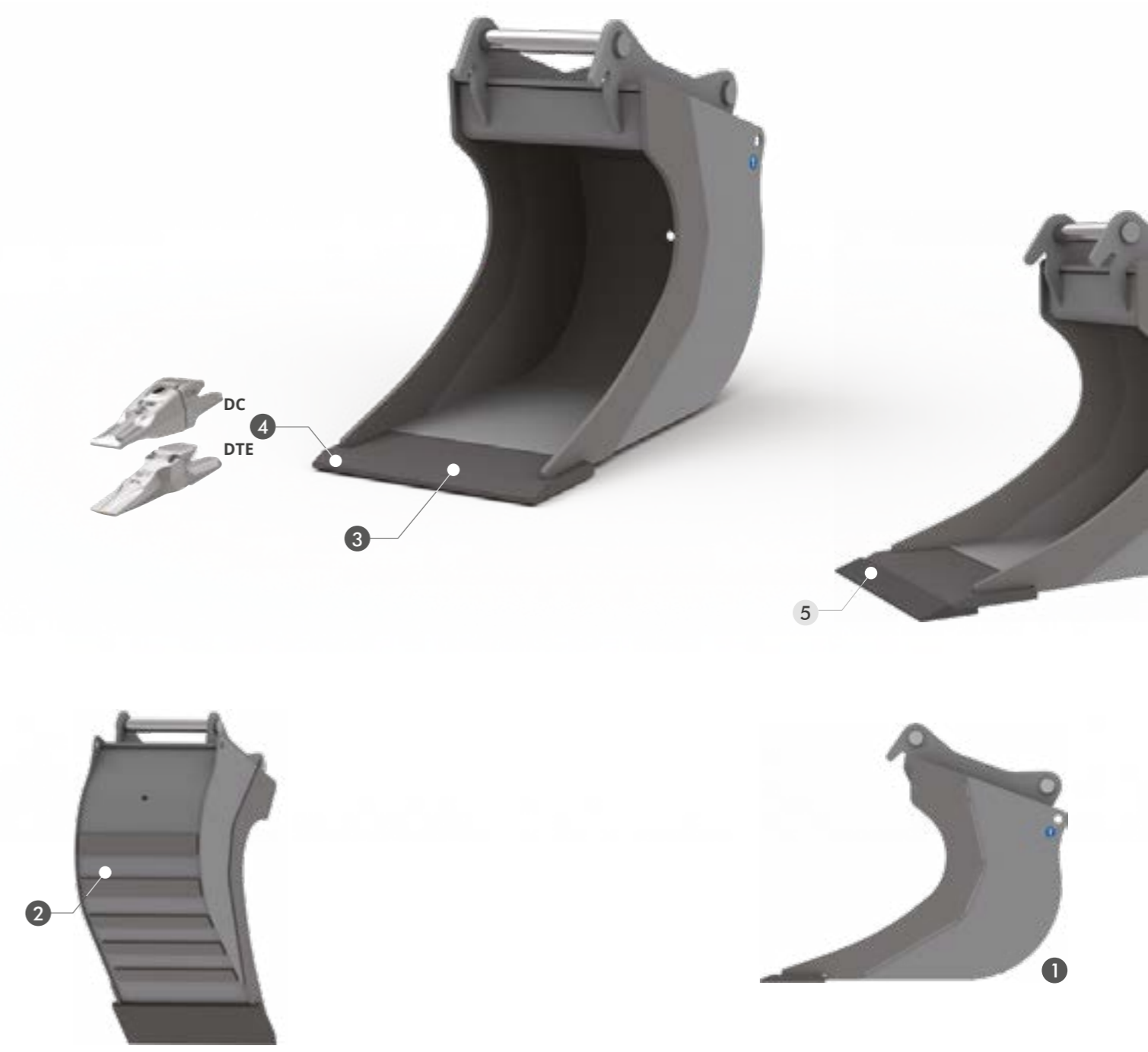
5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment



 HB400



ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. ITS HOLLOW SIDE WALLS HELP THE CROSSING OF GAS AND HYDRAULIC PIPES OR PLANTS, ETC. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.

STANDARD TECHNICAL FEATURES

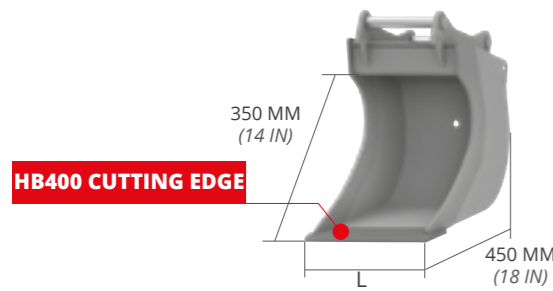
- 1 ELONGATED PROFILE**
- 2 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 DC TEETH DTE TEETH**

OPTIONAL

- 5 HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

MOD.	MIDI EXCAVATOR											
	BS 35GD	BS 40GD	BS 48GD	BS 60GD	BS 67GD	BS 71GD	BS 75GD	BS 80GD	BS 85GD	BS 92GD	BS 100GD	BS 110GD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 9,0 (16535 - 19842)	9,0 - 12,0 (19842 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 14,0 (26455 - 30865)	14,0 - 18,0 (30865 - 39683)	18,0 - 22,0 (39683 - 48502)

BS35 GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)

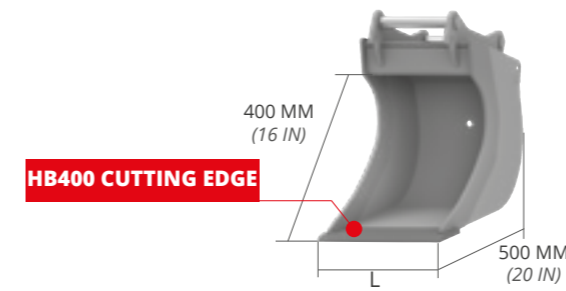


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
250 (10)	20 (44)	24 (6,3)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
300 (12)	22 (48)	29 (7,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
350 (14)	25 (55)	35 (9,2)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	28 (62)	41 (10,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS40 GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)

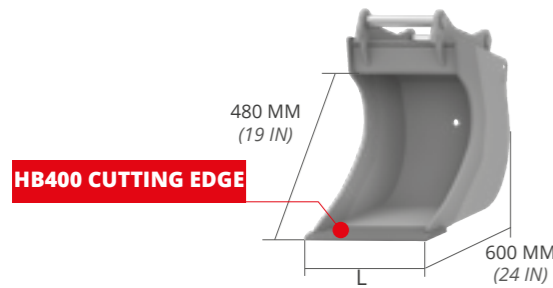


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
250 (10)	23 (51)	24 (6,3)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
300 (12)	25 (55)	30 (7,9)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
350 (14)	27 (59)	37 (9,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	30 (66)	44 (11,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS48 GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)

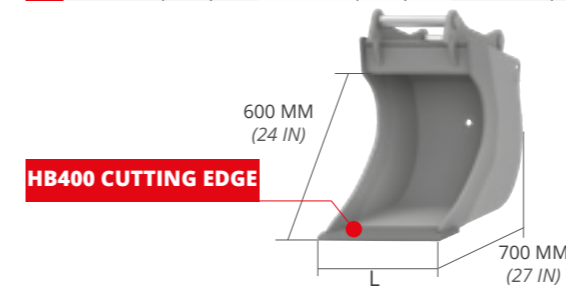


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
250 (10)	33 (73)	36 (9,5)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
300 (12)	38 (84)	45 (,)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
350 (14)	42 (92)	54 (11,8)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	48 (106)	63 (16,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	58 (128)	83 (21,9)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS60 GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
250 (10)	40 (88)	54 (14,3)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
300 (12)	45 (99)	66 (17,4)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
350 (14)	51 (112)	79 (20,9)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	57 (126)	93 (24,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	68 (150)	121 (31,9)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO

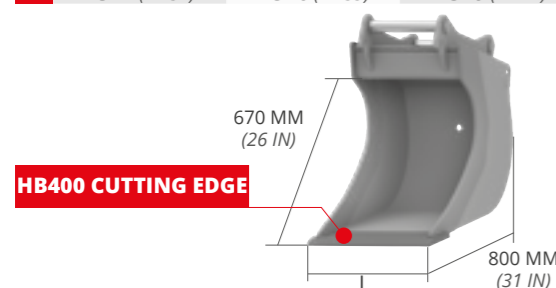
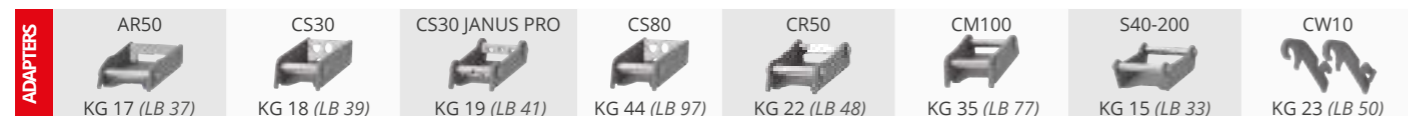
OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

BS67 GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
300 (12)	60 (132)	78 (20,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
350 (14)	69 (152)	95 (25,1)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	78 (172)	111 (29,3)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	95 (209)	146 (38,5)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS71 GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)

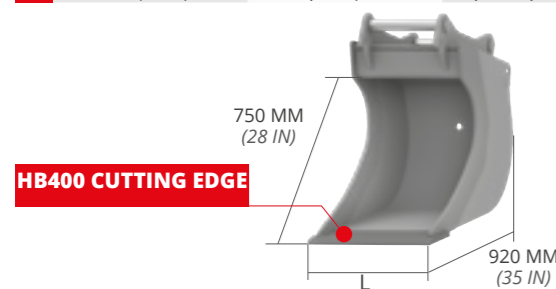


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
350 (14)	92 (203)	117 (30,9)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	102 (225)	138 (36,5)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	120 (264)	181 (47,8)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	140 (309)	226 (59,7)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS75 GD MACHINE WEIGHT 7,5 - 9,0 (16535 - 1982 lb)

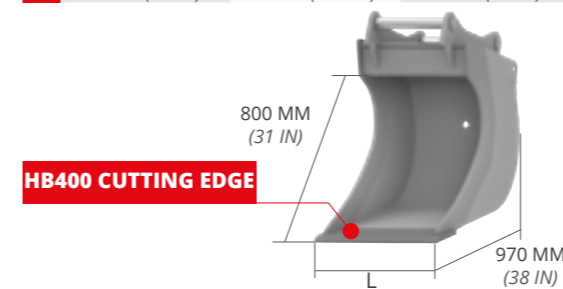
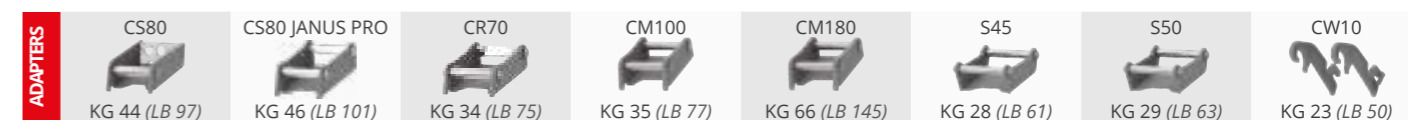


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
350 (14)	88 (194)	112 (29,6)	3	AF - CS CR - S - CM CW - CS JANUS PRO
400 (16)	96 (212)	132 (34,9)	3	AF - CS CR - S - CM CW - CS JANUS PRO
500 (20)	116 (255)	172 (45,4)	4	AF - CS CR - S - CM CW - CS JANUS PRO
600 (24)	133 (293)	215 (56,7)	4	AF - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS80 GD MACHINE WEIGHT 9,0 - 12,0 (1982 - 26455 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	115 (253)	161 (42,5)	3	AF - CS CR - S - CM CW - CS JANUS PRO
500 (20)	140 (309)	210 (55,4)	3	AF - CS CR - S - CM CW - CS JANUS PRO
600 (24)	165 (364)	261 (68,9)	4	AF - CS CR - S - CM CW - CS JANUS PRO

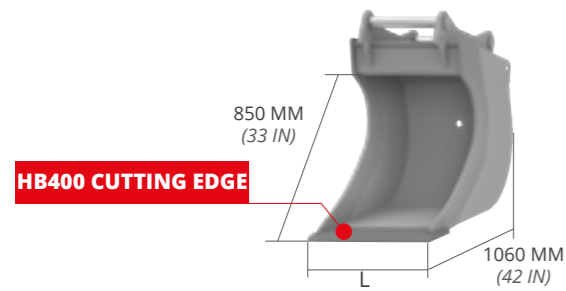
OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

BS85 GD MIDI MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)

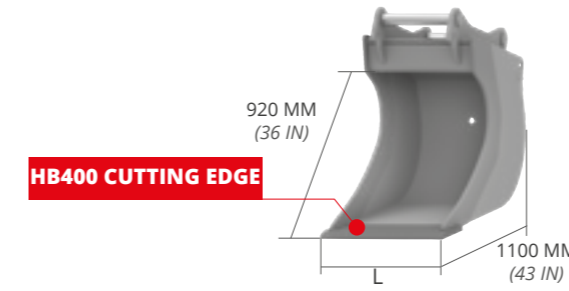


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	145 (320)	184 (48,6)	3	AF - S - CM CS - CW CS JANUS PRO
500 (20)	170 (375)	242 (63,9)	3	AF - S - CM CS - CW CS JANUS PRO
600 (24)	195 (430)	301 (79,5)	4	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS92 GD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)

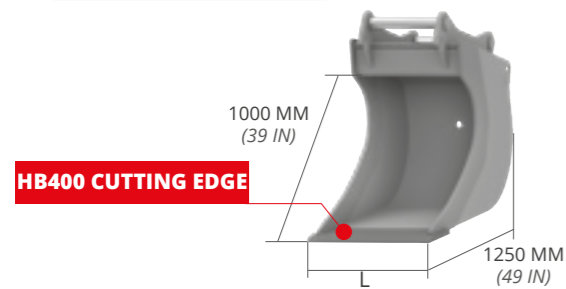


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	162 (357)	206 (54,4)	3	AF - S - CM CS - CW CS JANUS PRO
500 (20)	195 (430)	270 (71,3)	3	AF - S - CM CS - CW CS JANUS PRO
600 (24)	223 (492)	337 (89,0)	4	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS100 GD MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)

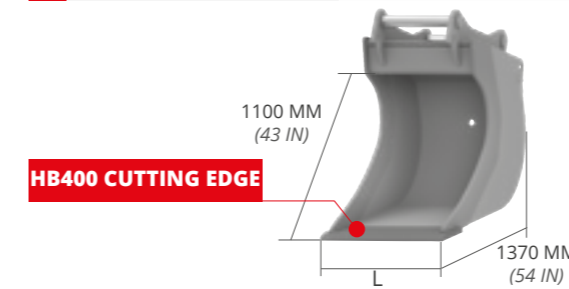


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	230 (507)	245 (64,7)	3	AF - S - CM CS - CW CS JANUS PRO
500 (20)	268 (591)	320 (84,5)	3	AF - S - CM CS - CW CS JANUS PRO
600 (24)	306 (675)	398 (105,1)	3	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

BS110 GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	300 (661)	283 (74,8)	3	AF - S - CM CS - CW CS JANUS PRO
500 (20)	345 (761)	372 (98,3)	3	AF - S - CM CS - CW CS JANUS PRO
600 (24)	390 (860)	464 (122,6)	3	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

5
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment



HB400



ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. ITS HOLLOW SIDE WALLS HELP THE CROSSING OF GAS AND HYDRAULIC PIPES OR PLANTS, ETC. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.

STANDARD TECHNICAL FEATURES

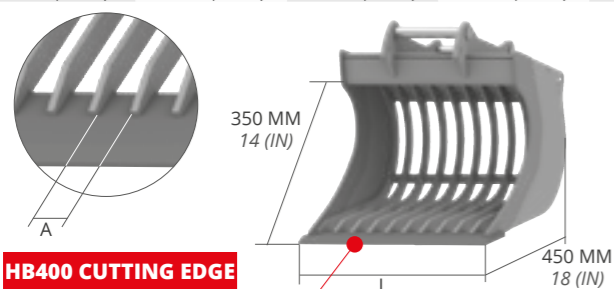
- 1 ELONGATED PROFILE
- 2 HB400 CUTTING EDGE
- 3 DC TEETH DTE TEETH

OPTIONAL

- 4 HB500 WELDED ADDITIONAL CUTTING EDGE
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

MOD.	MIDI EXCAVATOR											
	VS 35GD	VS 40GD	VS 48GD	VS 60GD	VS 67GD	VS 71GD	VS 75GD	VS 80GD	VS 85GD	VS 92GD	VS 100GD	VS 110GD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 9,0 (16535 - 19842)	9,0 - 12,0 (19842 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 14,0 (26455 - 30865)	14,0 - 18,0 (30865 - 39683)	18,0 - 22,0 (39683 - 48502)

VS35 GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



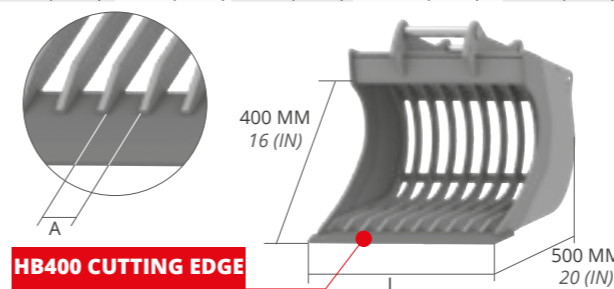
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
500 (20)	60 (2,4)	33 (73)	55 (14,5)	4	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO
600 (24)	50 (2,0)	38 (84)	68 (17,9)	4	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO

VS40 GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



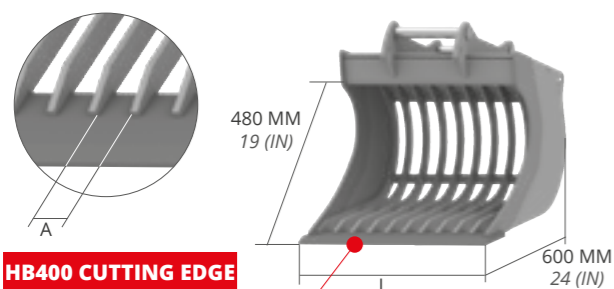
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
500 (20)	50 (2,0)	39 (86)	59 (15,5)	4	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO
600 (24)	50 (2,0)	45 (99)	79 (20,8)	4	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO

VS48 GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



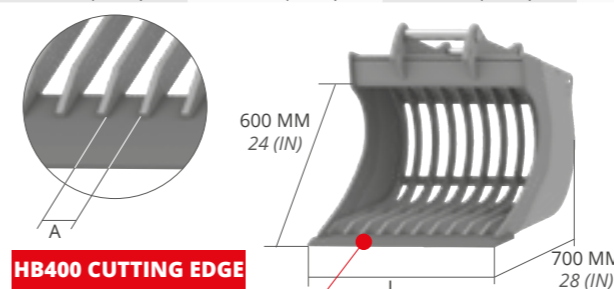
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
600 (24)	50 (2,0)	70 (154)	105 (27,7)	4	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO
800 (31)	52 (2,1)	94 (207)	152 (40,1)	5	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO

VS60 GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



OPTIONAL

5

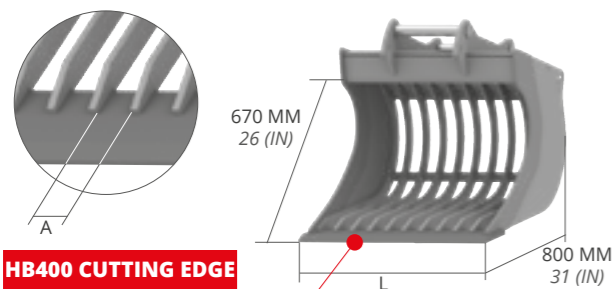
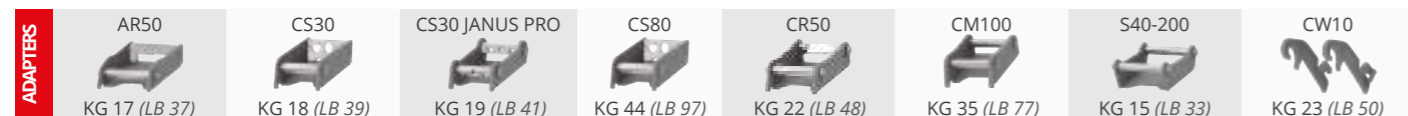
HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
600 (24)	51 (2,0)	89 (196)	151 (39,9)	4	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO
700 (28)	55 (2,2)	99 (218)	184 (48,6)	5	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO
800 (31)	52 (2,1)	113 (249)	222 (58,6)	5	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO

* weight of the tank excluding attachment

* weight of the tank excluding attachment

VS67 GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



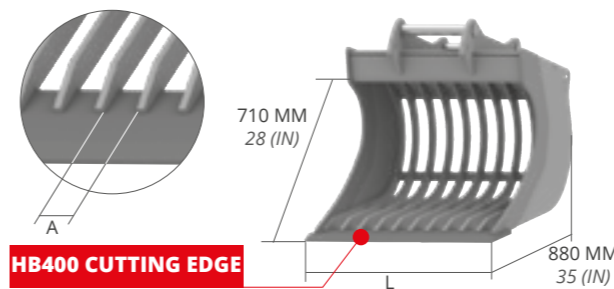
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
800 (31)	61 (2,4)	150 (331)	261 (68,9)	5	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO
900 (35)	57 (2,2)	169 (373)	306 (80,8)	6	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO
1000 (39)	60 (2,4)	184 (406)	351 (92,7)	6	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO

VS71 GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



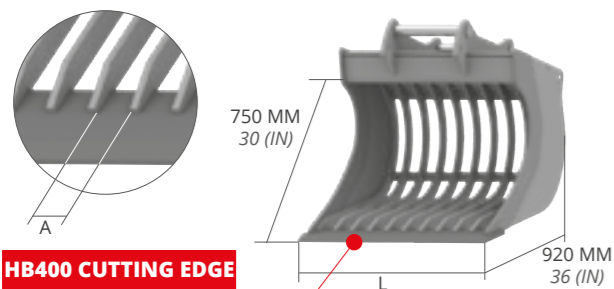
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
800 (31)	61 (2,4)	190 (419)	304 (80,3)	5	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO
900 (35)	57 (2,2)	213 (470)	353 (93,3)	5	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO
1000 (39)	60 (2,4)	232 (511)	410 (108,3)	5	AF - AR - CS
					CR - S - CM
					CW - CS JANUS PRO

VS75 GD MACHINE WEIGHT 7,5 - 9,0 (16535 - 1982 lb)



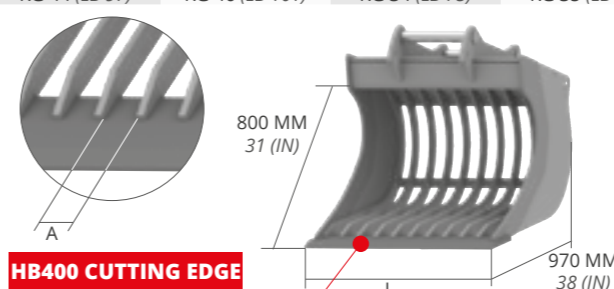
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
800 (31)	73 (2,8)	198 (437)	321 (84,8)	5	AF - CS
					CR - S - CM
					CW - CS JANUS PRO
900 (35)	74 (2,9)	218 (481)	372 (98,3)	5	AF - CS
					CR - S - CM
					CW - CS JANUS PRO
1000 (39)	75 (2,9)	240 (529)	427 (112,8)	5	AF - CS
					CR - S - CM
					CW - CS JANUS PRO

VS80 GD MACHINE WEIGHT 9,0 - 12,0 (1982 - 26455 lb)



OPTIONAL

5

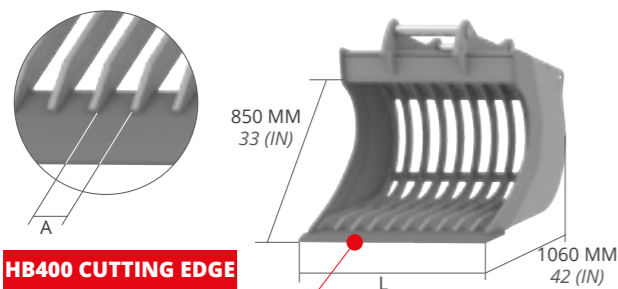
HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
1000 (39)	75 (2,9)	274 (604)	479 (126,5)	5	AF - CS
					CR - S - CM
					CW - CS JANUS PRO
1100 (43)	76 (3,0)	297 (655)	539 (142,3)	5	AF - CS
					CR - S - CM
					CW - CS JANUS PRO
1200 (47)	77 (3,0)	320 (705)	610 (161,1)	6	AF - CS
					CR - S - CM
					CW - CS JANUS PRO

* weight of the tank excluding attachment

* weight of the tank excluding attachment

VS85 GD MIDI MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



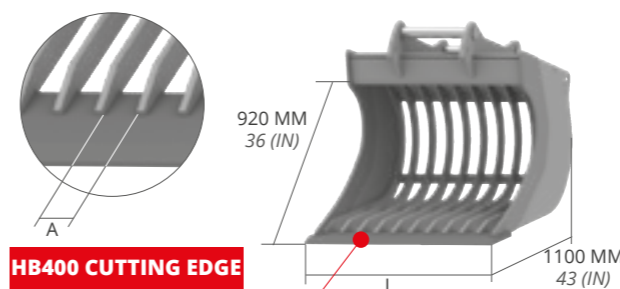
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
1000 (39)	80 (3,1)	320 (705)	562 (148,5)	5	AF - S - CM
					CS - CW
					CS JANUS PRO
1200 (47)	80 (3,1)	375 (827)	723 (191,0)	6	AF - S - CM
					CS - CW
					CS JANUS PRO
1300 (51)	80 (3,1)	402 (886)	803 (212,1)	6	AF - S - CM
					CS - CW
					CS JANUS PRO

VS92 GD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



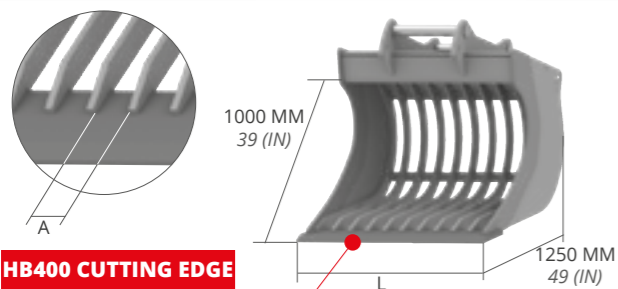
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
1200 (47)	80 (3,1)	416 (917)	783 (206,8)	5	AF - S - CM
					CS - CW
					CS JANUS PRO
1300 (51)	80 (3,1)	438 (965)	878 (231,9)	6	AF - S - CM
					CS - CW
					CS JANUS PRO
1400 (55)	80 (3,1)	460 (1014)	973 (257,0)	6	AF - S - CM
					CS - CW
					CS JANUS PRO

VS100 GD MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)



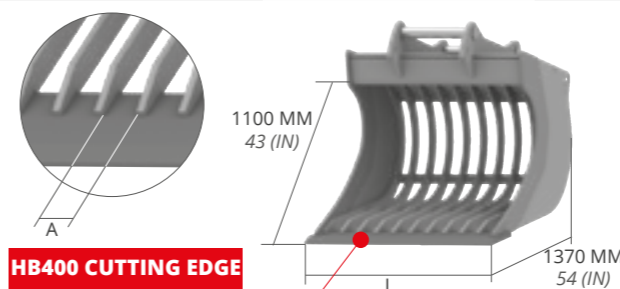
OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
1200 (47)	100 (3,9)	570 (1257)	909 (240,1)	5	AF - S - CM
					CS - CW
					CS JANUS PRO
1300 (51)	100 (3,9)	615 (1356)	1004 (265,2)	6	AF - S - CM
					CS - CW
					CS JANUS PRO
1400 (55)	100 (3,9)	660 (1455)	1108 (292,7)	6	AF - S - CM
					CS - CW
					CS JANUS PRO

VS110 GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



OPTIONAL

5

HB500 WELDED ADDITIONAL CUTTING EDGE

L MM (IN)	A MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
1200 (47)	100 (3,9)	670 (1477)	1064 (281,1)	5	AF - S - CM
					CS - CW
					CS JANUS PRO
1300 (51)	100 (3,9)	720 (1587)	1173 (309,9)	6	AF - S - CM
					CS - CW
					CS JANUS PRO
1400 (55)	100 (3,9)	770 (1698)	1288 (340,3)	6	AF - S - CM
					CS - CW
					CS JANUS PRO

* weight of the tank excluding attachment

* weight of the tank excluding attachment



HB400



THE SPECIAL HOLLOW PROFILE MAKES IT SUITABLE FOR A COMBINED USAGE WITH THE ROTOTWIST SYSTEM. THE 8° CONE-SHAPE REAR FORM ENABLES THE BUCKET TO ROTATE INSIDE THE EXCAVATION AREA WITHOUT SPOILING IT. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.

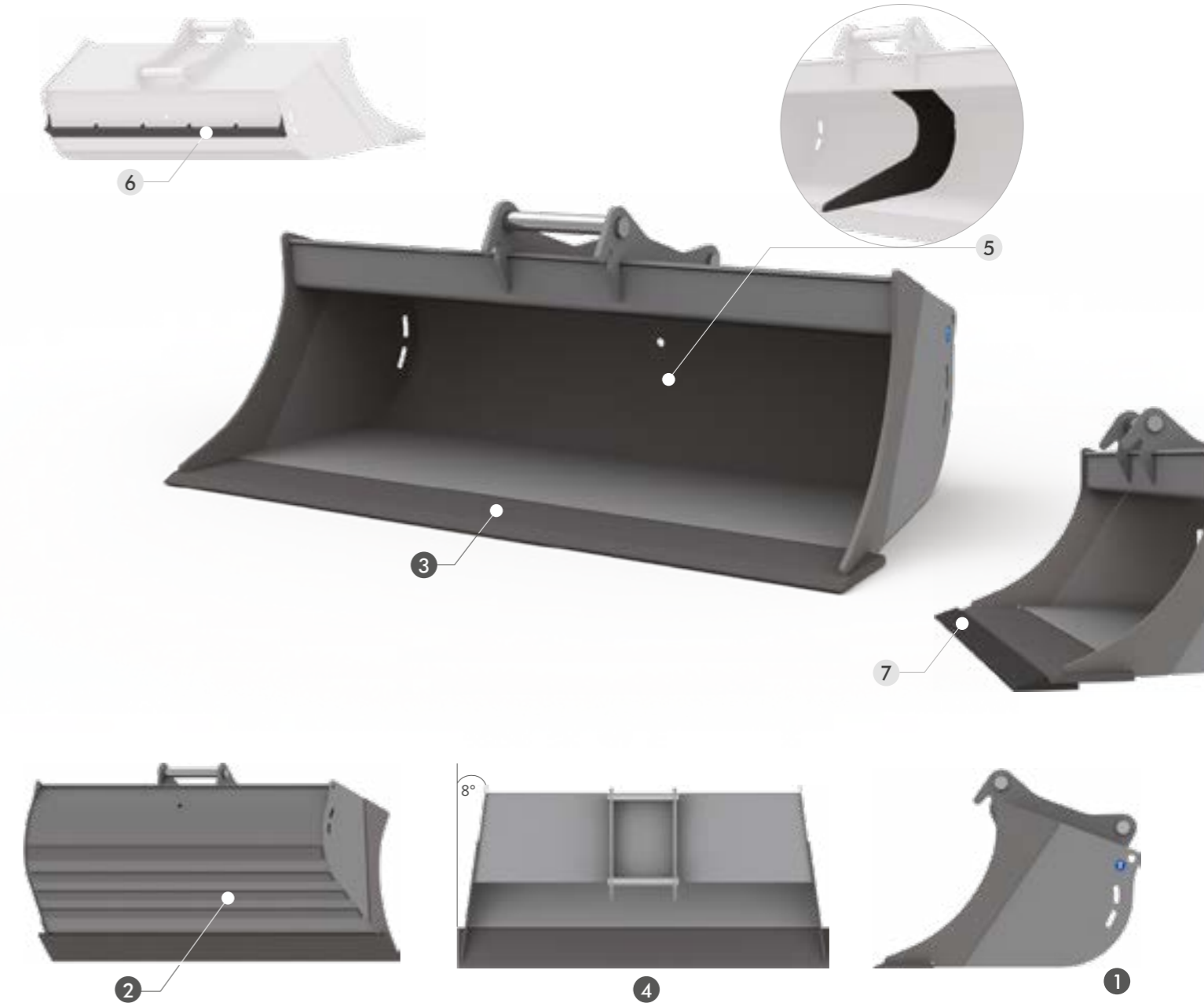
THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1600 MM: NR. 2 BEZELS
- WIDTH FROM 1800 TO 2200 MM: NR. 3 BEZELS

MOD.	MIDI						EXCAVATOR		
	SPS 30 8°GD	SPS 35 8°GD	SPS 40 8°GD	SPS 45 8°GD	SPS 50 8°GD	SPS 55 8°GD	SPS 60 8°GD	SPS 65 8°GD	SPS 70 8°GD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26456)	12,0 - 18,0 (26456 - 39683)	18,0 - 22,0 (39683 - 48502)



ADAPTERS



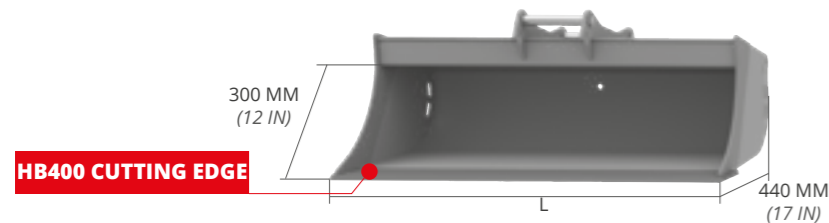
STANDARD TECHNICAL FEATURES

- ELONGATED PROFILE**
- REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- HB400 CUTTING EDGE**
- 8° CONE SHAPE**

OPTIONAL

- BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

SPS30 8°GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



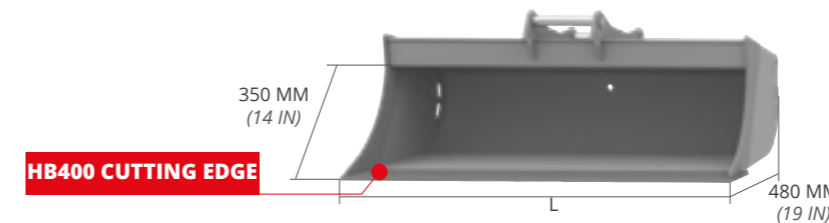
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
600 (24)	29 (64)	42 (11,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
700 (28)	34 (75)	50 (13,2)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	38 (84)	58 (22,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

6	7
REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS35 8°GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



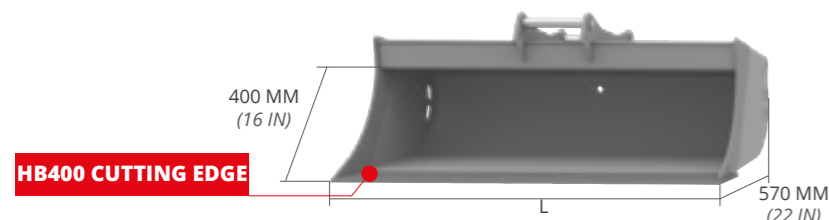
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	47 (104)	75 (19,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
900 (35)	52 (115)	85 (22,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1000 (39)	58 (128)	95 (25,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	70 (154)	115 (30,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

6	7
REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS40 8°GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



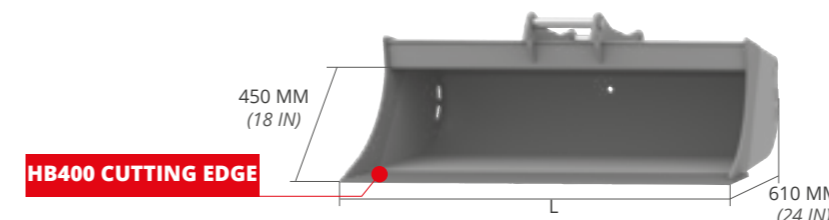
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	78 (172)	115 (30,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1100 (43)	86 (189)	129 (34,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	93 (205)	143 (37,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	109 (240)	157 (41,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

6	7
REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS45 8°GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	95 (209)	132 (34,9)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1100 (43)	104 (229)	150 (39,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	110 (242)	168 (44,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	131 (289)	204 (53,9)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	142 (313)	222 (58,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

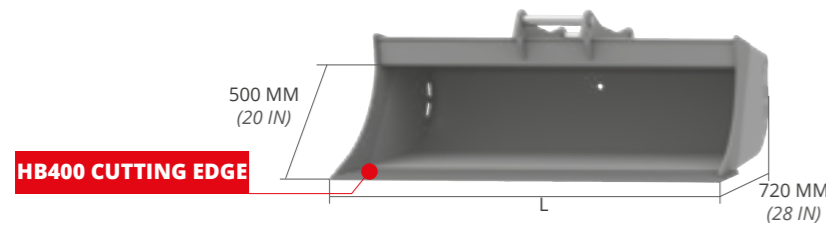
OPTIONAL

6	7
REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS50 8°GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



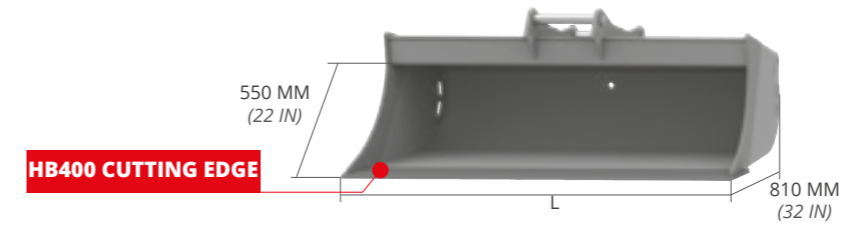
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	141 (311)	210 (55,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1300 (51)	152 (335)	230 (60,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	163 (359)	250 (66,0)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	185 (408)	290 (76,7)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5	6	7
BEZEL	REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS55 8°GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



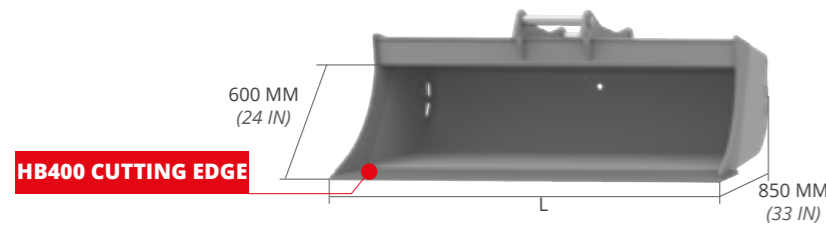
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1300 (51)	184 (406)	300 (79,2)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	198 (437)	325 (85,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	212 (467)	350 (92,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	225 (496)	375 (99,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	252 (556)	425 (112,3)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5	6	7
BEZEL	REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS60 8°GD MIDI MACHINE WEIGHT 7,5 - 12,0 (16535 - 26456 lb)



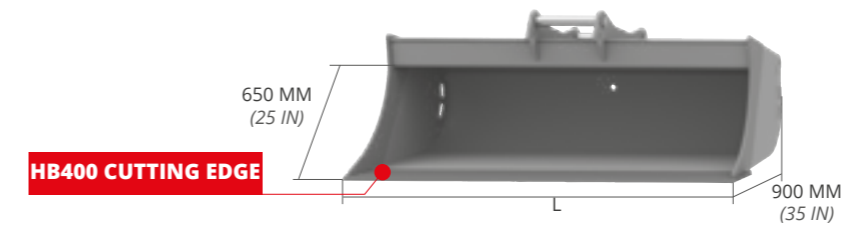
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	224 (494)	360 (95,1)	AF - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	239 (527)	400 (105,7)	AF - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	254 (560)	430 (113,6)	AF - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	282 (622)	490 (129,4)	AF - CS CR - S - CM CW - CS JANUS PRO
2000 (79)	317 (699)	550 (145,3)	AF - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5	6	7
BEZEL	REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS65 8°GD EXCAVATOR MACHINE WEIGHT 12,0 - 18,0 t (26456 - 39683 lb)



HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	291 (642)	466 (123,1)	AF - S - CM CS - CW CS JANUS PRO
1500 (59)	312 (688)	500 (132,1)	AF - S - CM CS - CW CS JANUS PRO
1600 (63)	332 (732)	534 (141,1)	AF - S - CM CS - CW CS JANUS PRO
1800 (71)	373 (822)	602 (159,1)	AF - S - CM CS - CW CS JANUS PRO
2000 (79)	413 (911)	670 (176,1)	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

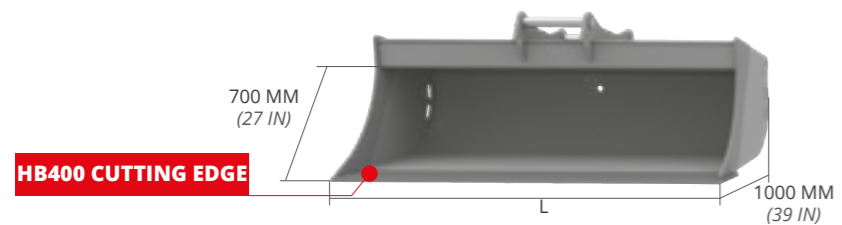
5	6	7
BEZEL	REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS70 8°GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)

ADAPTERS	CS100	CS100 JANUS PRO	CM180	S60	CW30
					
	KG 45 (LB 99)	KG 93 (LB 205)	KG 66 (LB 145)	KG 57 (LB 125)	KG 66 (LB 145)



HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1500 (59)	385 (849)	600 (158,5)	AF - S - CM
			CS - CW
1600 (63)	410 (904)	640 (169,1)	CS JANUS PRO
			AF - S - CM
1800 (71)	460 (1014)	720 (190,2)	CS - CW
			CS JANUS PRO
2000 (79)	508 (1120)	800 (211,3)	AF - S - CM
			CS - CW
2200 (87)	554 (1221)	880 (232,5)	CS JANUS PRO
			AF - S - CM
			CS - CW
			CS JANUS PRO

OPTIONAL

5	6	7
BEZEL	REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE



* weight of the tank excluding attachment



HB400



STANDARD TECHNICAL FEATURES

- 1 **ELONGATED PROFILE**
- 2 **REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 **HB400 CUTTING EDGE**
- 4 **8° CONE SHAPE AND 25° HOLLOW PROFILE**

OPTIONAL

- 5 **BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 6 **HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

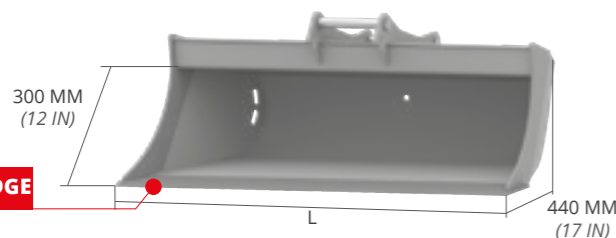
THE SPECIAL 25° HOLLOW PROFILE MAKES IT SUITABLE FOR A COMBINED USAGE WITH THE ROTOTWIST SYSTEM. THE 8° CONE-SHAPE REAR FORM ENABLES THE BUCKET TO ROTATE INSIDE THE EXCAVATION AREA WITHOUT SPOILING IT. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1600 MM: NR. 2 BEZELS
- WIDTH FROM 1800 TO 2200 MM: NR. 3 BEZELS

MOD.	MIDI EXCAVATOR						EXCAVATOR		
	SPS 30 25°GD	SPS 35 25°GD	SPS 40 25°GD	SPS 45 25°GD	SPS 50 25°GD	SPS 55 25°GD	SPS 60 25°GD	SPS 65 25°GD	SPS 70 25°GD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26456)	12,0 - 18,0 (26456 - 39683)	18,0 - 22,0 (39683 - 48502)

SPS30 25°GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



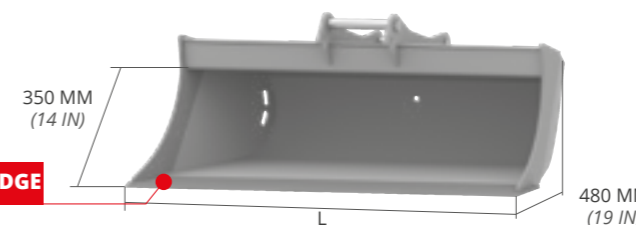
HB400 CUTTING EDGE

OPTIONAL

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
600 (24)	27 (59)	41 (10,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
700 (28)	32 (70)	49 (12,9)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	36 (79)	57 (15,0)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS35 25°GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



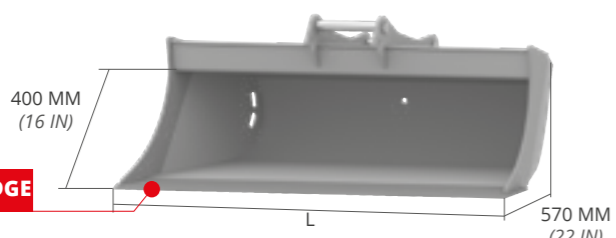
HB400 CUTTING EDGE

OPTIONAL

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	45 (99)	74 (19,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
900 (35)	50 (110)	84 (22,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1000 (39)	56 (123)	94 (24,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	68 (150)	114 (30,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS40 25°GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



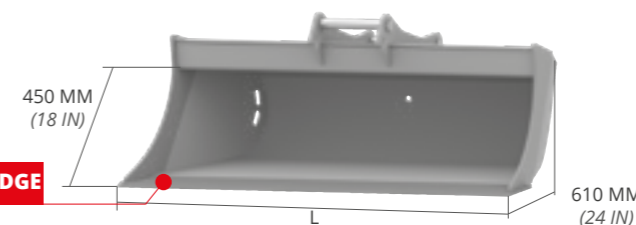
HB400 CUTTING EDGE

OPTIONAL

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	75 (165)	113 (29,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1100 (43)	83 (183)	127 (33,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	90 (198)	141 (37,2)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	106 (352)	155 (40,9)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS45 25°GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



HB400 CUTTING EDGE

OPTIONAL

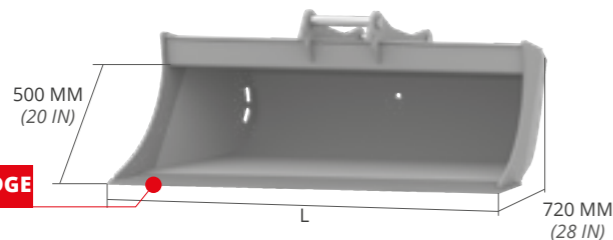
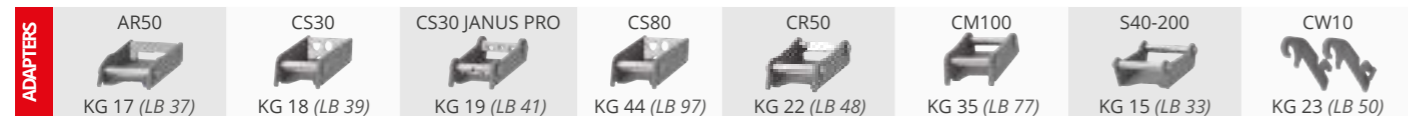
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	91 (201)	129 (34,0)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1100 (43)	100 (220)	147 (38,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	106 (234)	165 (43,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	127 (280)	201 (53,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	138 (304)	219 (57,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

6
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS50 25°GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



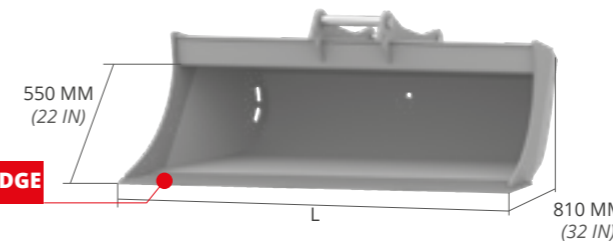
HB400 CUTTING EDGE

OPTIONAL

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	136 (300)	204 (53,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1300 (51)	147 (324)	224 (59,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	158 (348)	244 (64,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	180 (397)	284 (75,0)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

5 BEZEL	6 HB500 WELDED ADDITIONAL CUTTING EDGE
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SPS55 25°GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



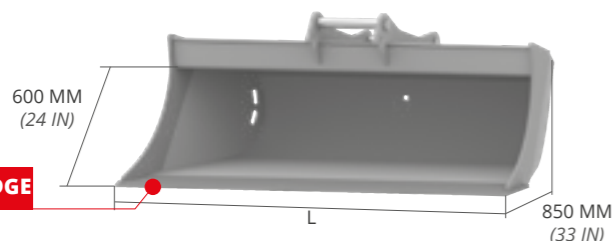
HB400 CUTTING EDGE

OPTIONAL

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1300 (51)	177 (390)	290 (76,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	191 (421)	315 (83,2)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	205 (452)	340 (89,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	218 (480)	365 (96,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	245 (540)	415 (109,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

5 BEZEL	6 HB500 WELDED ADDITIONAL CUTTING EDGE
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SPS60 25°GD MIDI MACHINE WEIGHT 7,5 - 12,0 (16535 - 26456 lb)



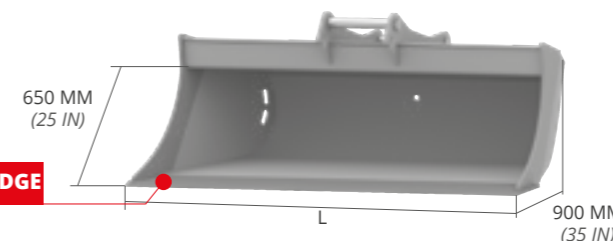
HB400 CUTTING EDGE

OPTIONAL

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	216 (476)	345 (91,1)	AF - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	231 (509)	385 (101,7)	AF - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	246 (542)	415 (109,6)	AF - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	274 (605)	445 (117,5)	AF - CS CR - S - CM CW - CS JANUS PRO
2000 (79)	309 (681)	505 (133,4)	AF - CS CR - S - CM CW - CS JANUS PRO

5 BEZEL	6 HB500 WELDED ADDITIONAL CUTTING EDGE
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SPS65 25°GD EXCAVATOR MACHINE WEIGHT 12,0 - 18,0 t (26456 - 39683 lb)



HB400 CUTTING EDGE

OPTIONAL

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	295 (650)	448 (118,3)	AF - S - CM CS - CW CS JANUS PRO
1500 (59)	316 (697)	482 (127,3)	AF - S - CM CS - CW CS JANUS PRO
1600 (63)	334 (736)	516 (136,3)	AF - S - CM CS - CW CS JANUS PRO
1800 (71)	376 (828)	584 (154,3)	AF - S - CM CS - CW CS JANUS PRO
2000 (79)	395 (870)	652 (172)	AF - S - CM CS - CW CS JANUS PRO

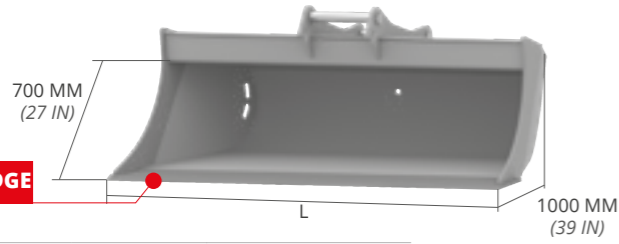
5 BEZEL	6 HB500 WELDED ADDITIONAL CUTTING EDGE
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* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS70 25°GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)

ADAPTERS	CS100 KG 45 (LB 99)	CS100 JANUS PRO KG 93 (LB 205)	CM180 KG 66 (LB 145)	S60 KG 57 (LB 125)	CW30 KG 66 (LB 145)
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HB400 CUTTING EDGE

OPTIONAL

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1500 (59)	360 (793)	580 (153,2)	AF - S - CM CS - CW CS JANUS PRO
1600 (63)	385 (848)	620 (163,8)	AF - S - CM CS - CW CS JANUS PRO
1800 (71)	435 (959)	700 (184,9)	AF - S - CM CS - CW CS JANUS PRO
2000 (79)	483 (1064)	780 (206,1)	AF - S - CM CS - CW CS JANUS PRO
2200 (87)	529 (1166)	860 (227,2)	AF - S - CM CS - CW CS JANUS PRO

5
BEZEL

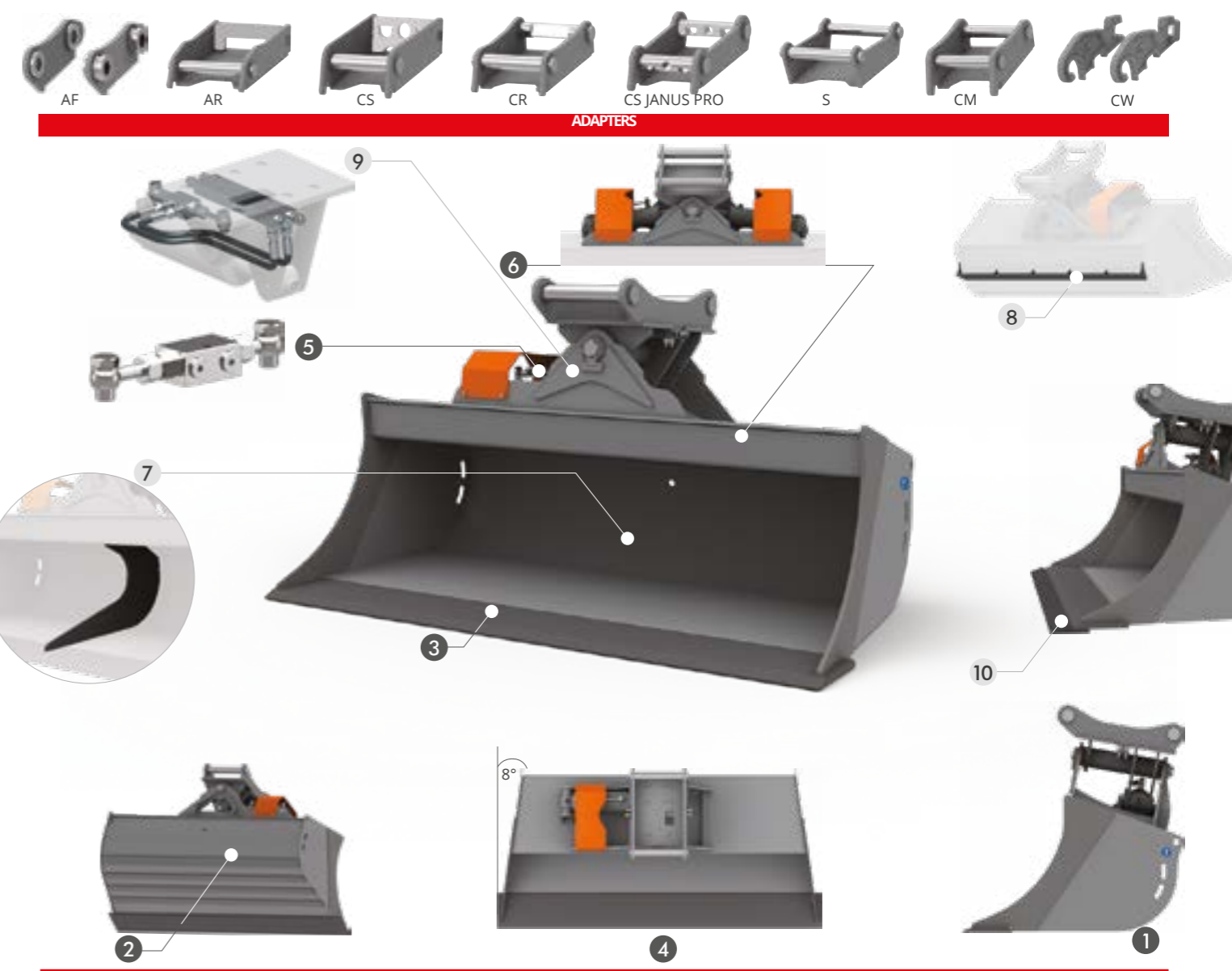
6
HB500 WELDED ADDITIONAL
CUTTING EDGE



* weight of the tank excluding attachment



HB400



STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 8° CONE SHAPE**
- 5 BLOCK VALVE**
IT ALLOWS TO KEEP THE BUCKET POSITIONING DURING THE WORKING PHASE.
- 6 DOUBLE CYLINDER FOR SQS 65 8° HD AND SQS 70 8° HD MODELS**

OPTIONAL

- 7 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 8 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 9 PIPE KIT**
OPTIONAL KIT INSTALLED ON THE BUCKET FOR THE FEEDING OF THE HYDRAULIC CYLINDER. IT ALLOWS THE USE OF TWO OUTLETS ON THE RIGHT AND TWO OUTLETS ON THE LEFT FOR THE HYDRAULIC CONNECTION TO THE MACHINE REDUCING THE INSTALLATION TIMES. THE CONNECTING PIPES ARE NOT SUPPLIED.
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

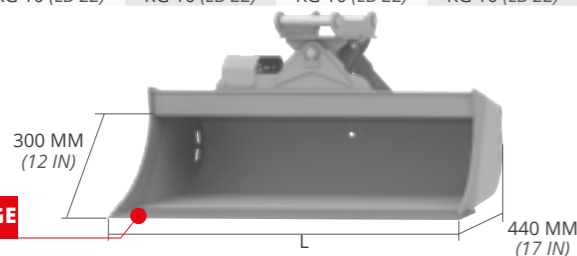
ITS TILTING SYSTEM ENABLES TO TILT IT BY 45° ON BOTH SIDES. ITS ELONGATED SHAPE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. USED MAINLY TO CLEAN AND LEVEL STREETS, DITCHES AND DIKES. HB400 ANTI-WEAR ELEMENTS REINFORCE THE MOST STRESSED PARTS. THE BLADE IS MADE OF HB400 FOR A HIGHER RESISTANCE TO WEAR.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1600 MM: NR. 2 BEZELS
- WIDTH FROM 1800 TO 2200 MM: NR. 3 BEZELS

MOD.	SQS 30 8°GD	SQS 35 8°GD	SQS 40 8°GD	SQS 45 8°GD	SQS 50 8°GD	SQS 55 8°GD	SQS 60 8°GD	SQS 65 8°GD	SQS 70 8°GD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26456)	12,0 - 18,0 (26456 - 39683)	18,0 - 22,0 (39683 - 48502)

SQS30 8°GD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



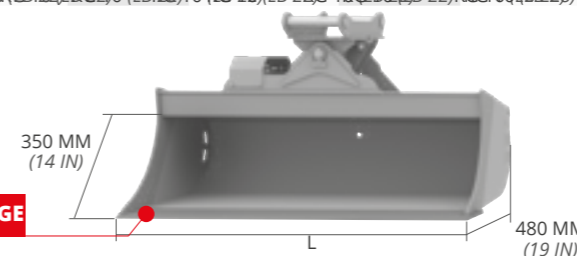
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	54 (119)	58 (22,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

8	9	10
REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

SQS35 8°GD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



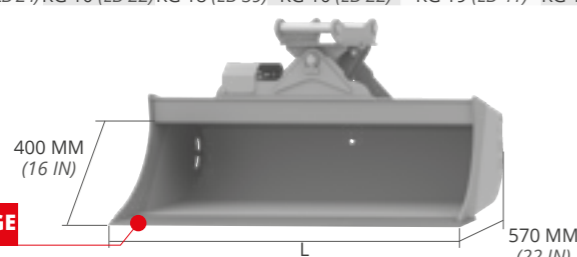
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
900 (35)	74 (163)	85 (22,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1000 (39)	80 (176)	95 (25,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	92 (203)	115 (30,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

8	9	10
REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

SQS40 8°GD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



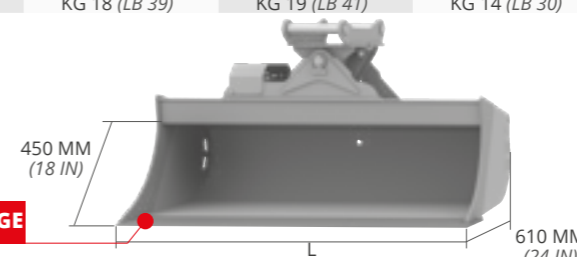
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1100 (43)	131 (289)	129 (34,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	138 (304)	143 (37,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	154 (340)	157 (41,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

8	9	10
REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

SQS45 8°GD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1100 (43)	149 (329)	150 (39,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	155 (342)	168 (44,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	176 (389)	204 (53,9)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	187 (413)	222 (58,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

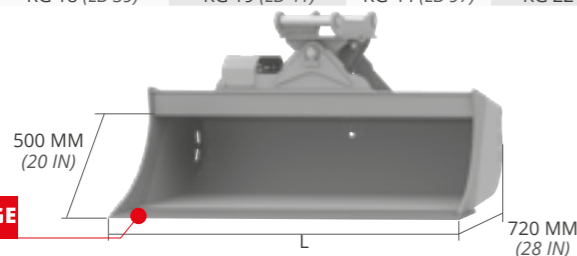
OPTIONAL

8	9	10
REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQS50 8°GD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



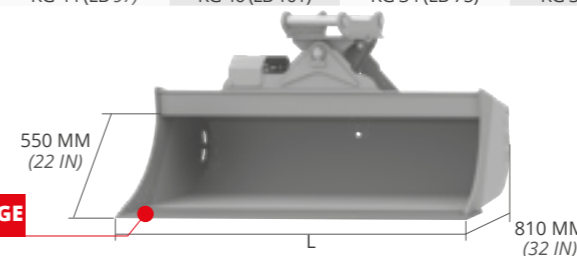
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	201 (444)	210 (55,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1300 (51)	212 (468)	230 (60,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	223 (492)	250 (66,0)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	245 (541)	290 (76,7)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE

SQS55 8°GD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



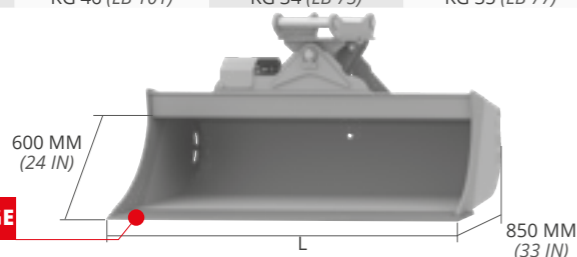
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1300 (51)	274 (605)	300 (79,2)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	288 (635)	325 (85,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	302 (666)	350 (92,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	315 (695)	375 (99,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	342 (754)	425 (112,3)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE

SQS60 8°GD MIDI MACHINE WEIGHT 7,5 - 12,0 (16535 - 26456 lb)



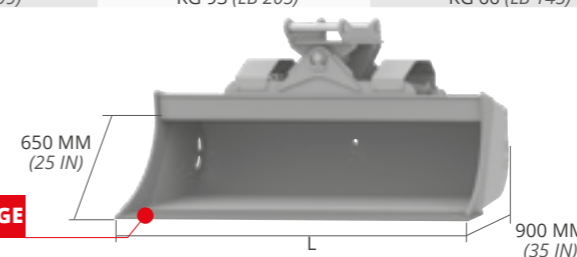
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	314 (699)	360 (95,1)	AF - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	329 (725)	400 (105,7)	AF - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	344 (759)	430 (113,6)	AF - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	372 (820)	490 (129,4)	AF - CS CR - S - CM CW - CS JANUS PRO
2000 (79)	407 (897)	550 (145,3)	AF - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE

SQS65 8°GD EXCAVATOR MACHINE WEIGHT 12,0 - 18,0 t (26456 - 39683 lb)



HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	421 (928)	466 (123,1)	AF - S - CM CS - CW CS JANUS PRO
1500 (59)	442 (974)	500 (132,1)	AF - S - CM CS - CW CS JANUS PRO
1600 (63)	462 (1019)	534 (141,1)	AF - S - CM CS - CW CS JANUS PRO
1800 (71)	503 (1109)	602 (159,1)	AF - S - CM CS - CW CS JANUS PRO
2000 (79)	543 (1197)	670 (176,1)	AF - S - CM CS - CW CS JANUS PRO

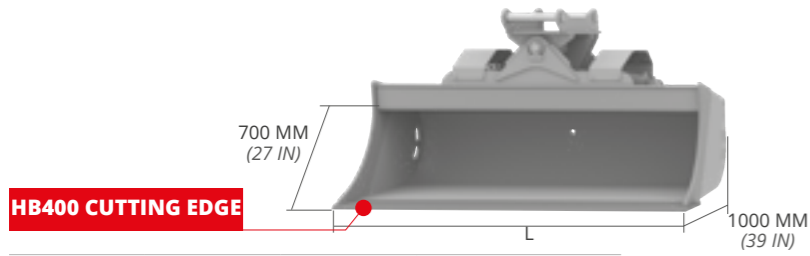
OPTIONAL

- 7 BEZEL
- 8 REAR RAZOR
- 9 PIPE KIT
- 10 HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQS70 8°GD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1500 (59)	515 (1136)	600 (158,5)	AF - S - CM CS - CW CS JANUS PRO
1600 (63)	540 (1191)	640 (169,1)	AF - S - CM CS - CW CS JANUS PRO
1800 (71)	590 (1301)	720 (190,2)	AF - S - CM CS - CW CS JANUS PRO
2000 (79)	638 (1406)	800 (211,3)	AF - S - CM CS - CW CS JANUS PRO
2200 (87)	684 (1508)	880 (232,5)	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

7	8	9	10
BEZEL	REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE



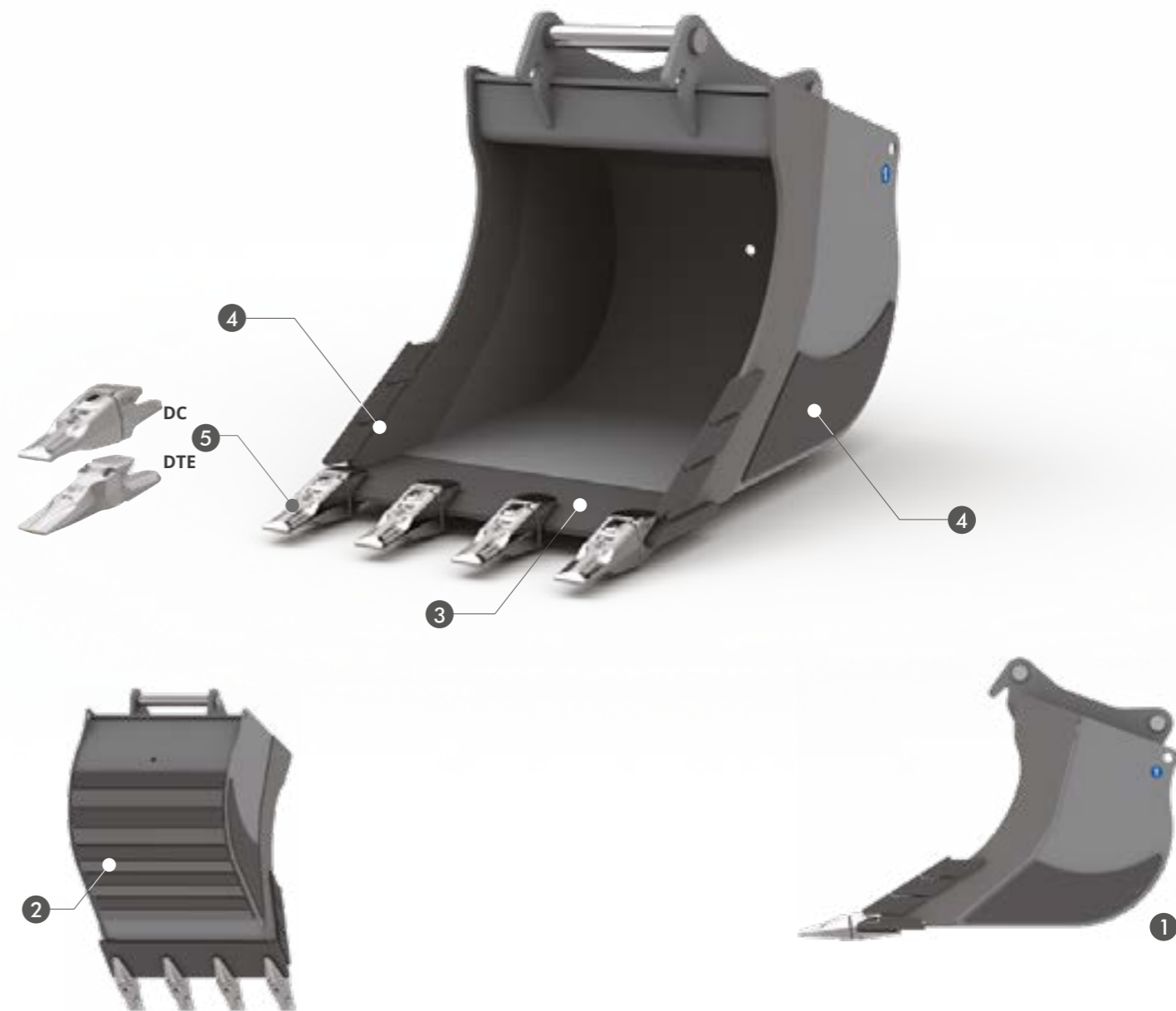
* weight of the tank excluding attachment



HB400



ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. THE BLADE, THE SIDE CAST CUTTERS AND SIDE REINFORCEMENTS AND THE REAR STRIPS ARE MADE OF HB400.

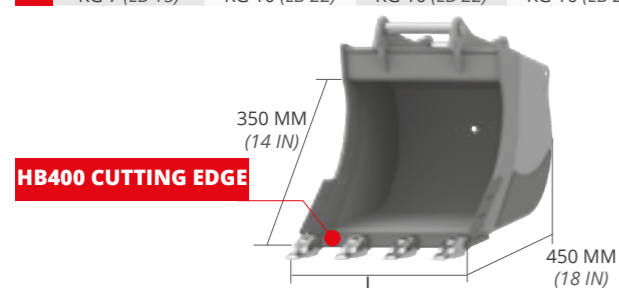


STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 HB400 SIDE CAST CUTTERS AND SIDE REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 5 DC TEETH DTE TEETH**

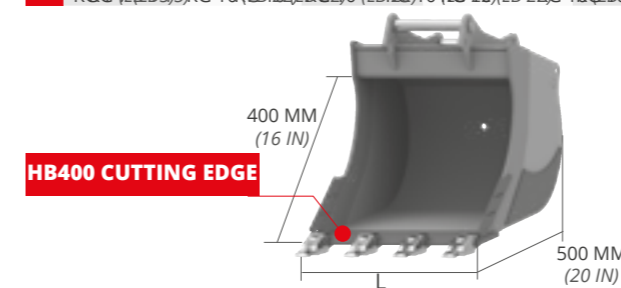
	MIDI EXCAVATOR											
MOD.	SCS 35HD	SCS 40HD	SCS 48HD	SCS 60HD	SCS 67HD	SCS 71HD	SCS 75HD	SCS 80HD	SCS 85HD	SCS 92HD	SCS 100HD	SCS 110HD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 9,0 (16535 - 19842)	9,0 - 12,0 (19842 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 14,0 (26455 - 30865)	14,0 - 18,0 (30865 - 39683)	18,0 - 22,0 (39683 - 48502)

SCS35 HD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



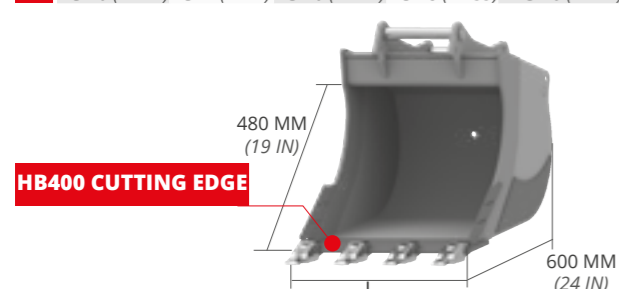
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
250 (10)	20 (44)	25 (6,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
300 (12)	24 (53)	30 (7,9)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	30 (66)	42 (11,1)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	35 (77)	54 (14,3)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO

SCS40 HD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



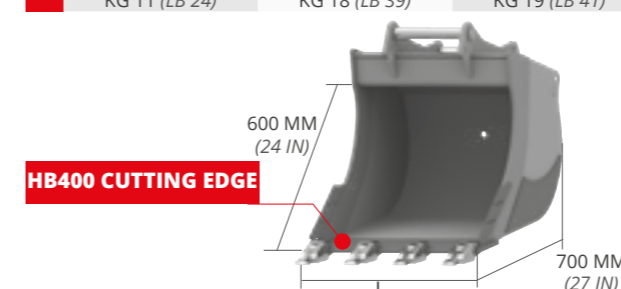
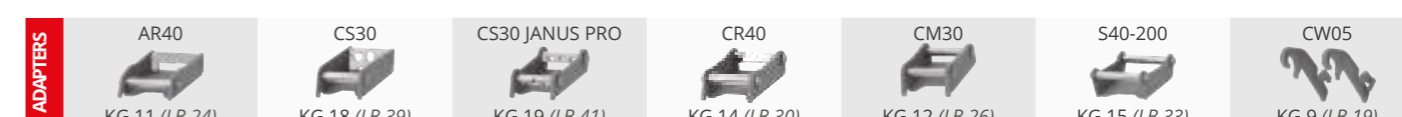
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
300 (12)	26 (57)	35 (9,2)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	34 (75)	45 (11,8)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	42 (92)	60 (16,8)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	49 (108)	85 (22,4)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO

SCS48 HD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
300 (12)	38 (83)	48 (12,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	48 (105)	68 (17,9)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	61 (134)	85 (22,4)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	72 (158)	110 (29,0)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	98 (216)	160 (42,2)	5	AF - AR - CS CR - S - CM CW - CS JANUS PRO

SCS60 HD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)

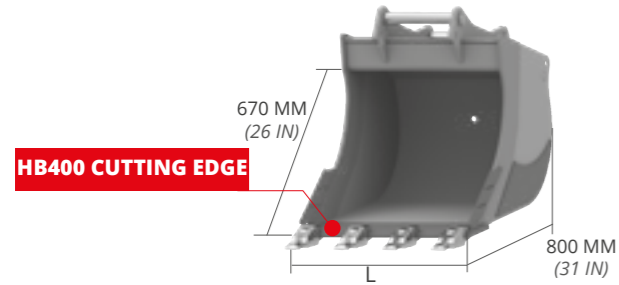


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
300 (12)	52 (114)	78 (20,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	63 (138)	105 (27,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	76 (167)	140 (36,9)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	91 (200)	165 (43,5)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	112 (246)	225 (59,4)	5	AF - AR - CS CR - S - CM CW - CS JANUS PRO

* weight of the tank excluding attachment

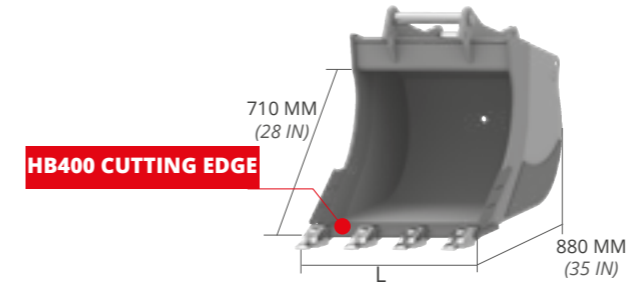
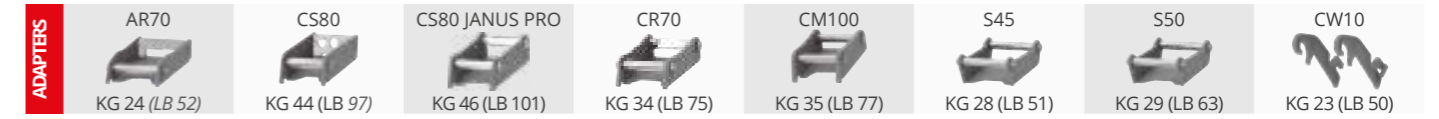
* weight of the tank excluding attachment

SCS67 HD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



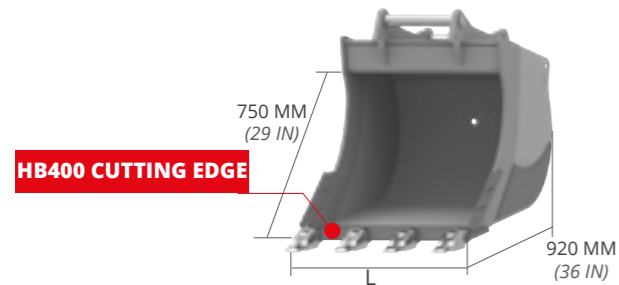
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
300 (12)	75 (165)	90 (23,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	85 (187)	130 (34,3)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	105 (231)	170 (44,9)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	122 (269)	200 (52,8)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	160 (353)	280 (73,9)	5	AF - AR - CS CR - S - CM CW - CS JANUS PRO

SCS71 HD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



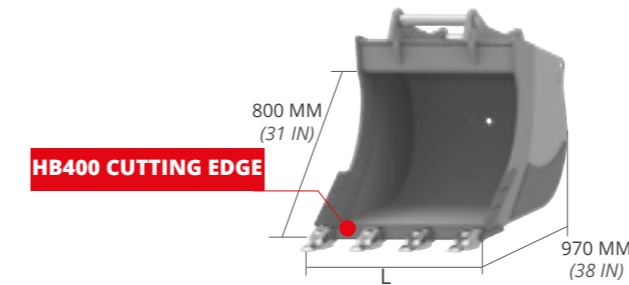
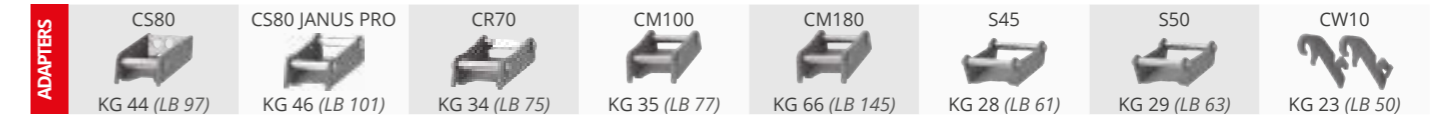
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	108 (238)	150 (39,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	130 (287)	190 (50,2)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
600 (24)	154 (340)	230 (60,7)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO
700 (28)	176 (388)	260 (68,7)	5	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	197 (434)	315 (83,2)	5	AF - AR - CS CR - S - CM CW - CS JANUS PRO

SCS75 HD MACHINE WEIGHT 7,5 - 9,0 (16535 - 1982 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	123 (271)	165 (43,6)	3	AF - CS CR - S - CM CW - CS JANUS PRO
500 (20)	282 (320)	210 (55,4)	4	AF - CS CR - S - CM CW - CS JANUS PRO
600 (24)	170 (375)	260 (68,7)	4	AF - CS CR - S - CM CW - CS JANUS PRO
700 (28)	198 (437)	300 (79,2)	5	AF - CS CR - S - CM CW - CS JANUS PRO
800 (31)	220 (485)	350 (94,2)	5	AF - CS CR - S - CM CW - CS JANUS PRO
1000 (39)	263 (580)	450 (118,9)	5	AF - CS CR - S - CM CW - CS JANUS PRO

SCS80 HD MACHINE WEIGHT 9,0 - 12,0 (1982 - 26455 lb)

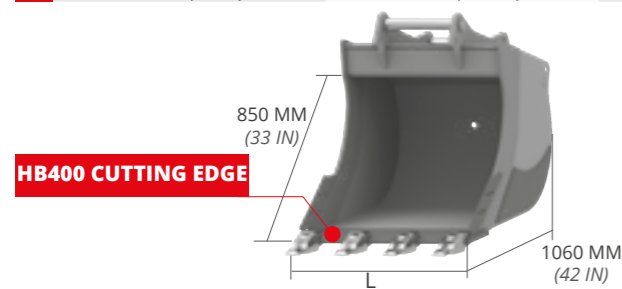


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	133 (293)	190 (50,2)	3	AF - CS CR - S - CM CW - CS JANUS PRO
500 (20)	153 (337)	245 (64,7)	3	AF - CS CR - S - CM CW - CS JANUS PRO
600 (24)	178 (392)	300 (79,2)	4	AF - CS CR - S - CM CW - CS JANUS PRO
700 (28)	209 (460)	350 (92,4)	4	AF - CS CR - S - CM CW - CS JANUS PRO
800 (31)	234 (515)	400 (105,7)	5	AF - CS CR - S - CM CW - CS JANUS PRO
1000 (39)	283 (623)	500 (132,1)	5	AF - CS CR - S - CM CW - CS JANUS PRO

* weight of the tank excluding attachment

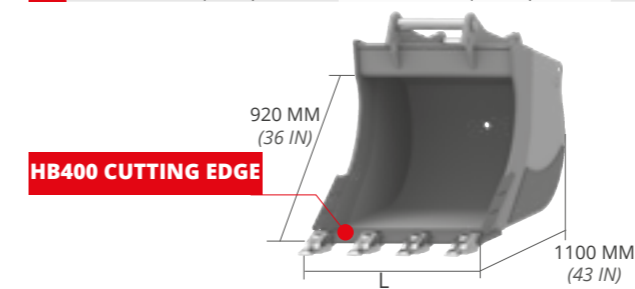
* weight of the tank excluding attachment

SCS85 HD MIDI MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



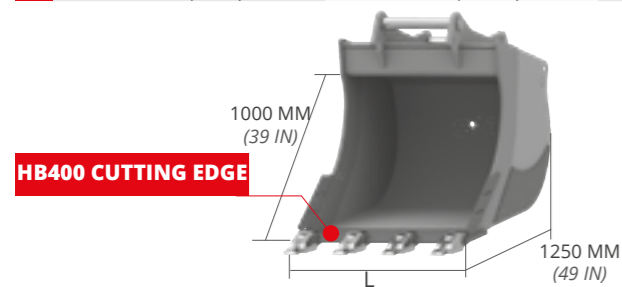
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
500 (20)	197 (434)	265 (70,0)	3	AF - S - CM CS - CW CS JANUS PRO
600 (24)	225 (496)	330 (87,1)	4	AF - S - CM CS - CW CS JANUS PRO
700 (28)	256 (564)	400 (105,7)	4	AF - S - CM CS - CW CS JANUS PRO
800 (31)	284 (626)	450 (118,8)	5	AF - S - CM CS - CW CS JANUS PRO
900 (39)	312 (687)	500 (132,1)	5	AF - S - CM CS - CW CS JANUS PRO
1000 (39)	342 (754)	580 (153,2)	5	AF - S - CM CS - CW CS JANUS PRO
1200 (47)	383 (844)	740 (195,5)	6	AF - S - CM CS - CW CS JANUS PRO

SCS92 HD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	261 (575)	380 (100,4)	4	AF - S - CM CS - CW CS JANUS PRO
700 (28)	287 (633)	450 (118,9)	4	AF - S - CM CS - CW CS JANUS PRO
800 (31)	320 (705)	560 (147,9)	5	AF - S - CM CS - CW CS JANUS PRO
900 (35)	352 (776)	620 (163,8)	5	AF - S - CM CS - CW CS JANUS PRO
1000 (39)	395 (871)	700 (184,9)	5	AF - S - CM CS - CW CS JANUS PRO
1200 (47)	454 (1001)	900 (237,7)	6	AF - S - CM CS - CW CS JANUS PRO

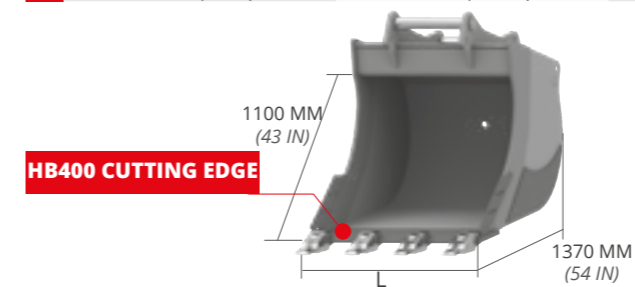
SCS100 HD MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	353 (778)	450 (118,9)	3	AF - S - CM CS - CW CS JANUS PRO
700 (28)	397 (875)	535 (141,3)	4	AF - S - CM CS - CW CS JANUS PRO
800 (31)	441 (972)	620 (163,7)	4	AF - S - CM CS - CW CS JANUS PRO
900 (35)	485 (1069)	710 (187,5)	4	AF - S - CM CS - CW CS JANUS PRO
1000 (39)	529 (1166)	800 (211,3)	5	AF - S - CM CS - CW CS JANUS PRO
1200 (47)	617 (1360)	980 (258,8)	5	AF - S - CM CS - CW CS JANUS PRO

* weight of the tank excluding attachment

SCS110 HD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)

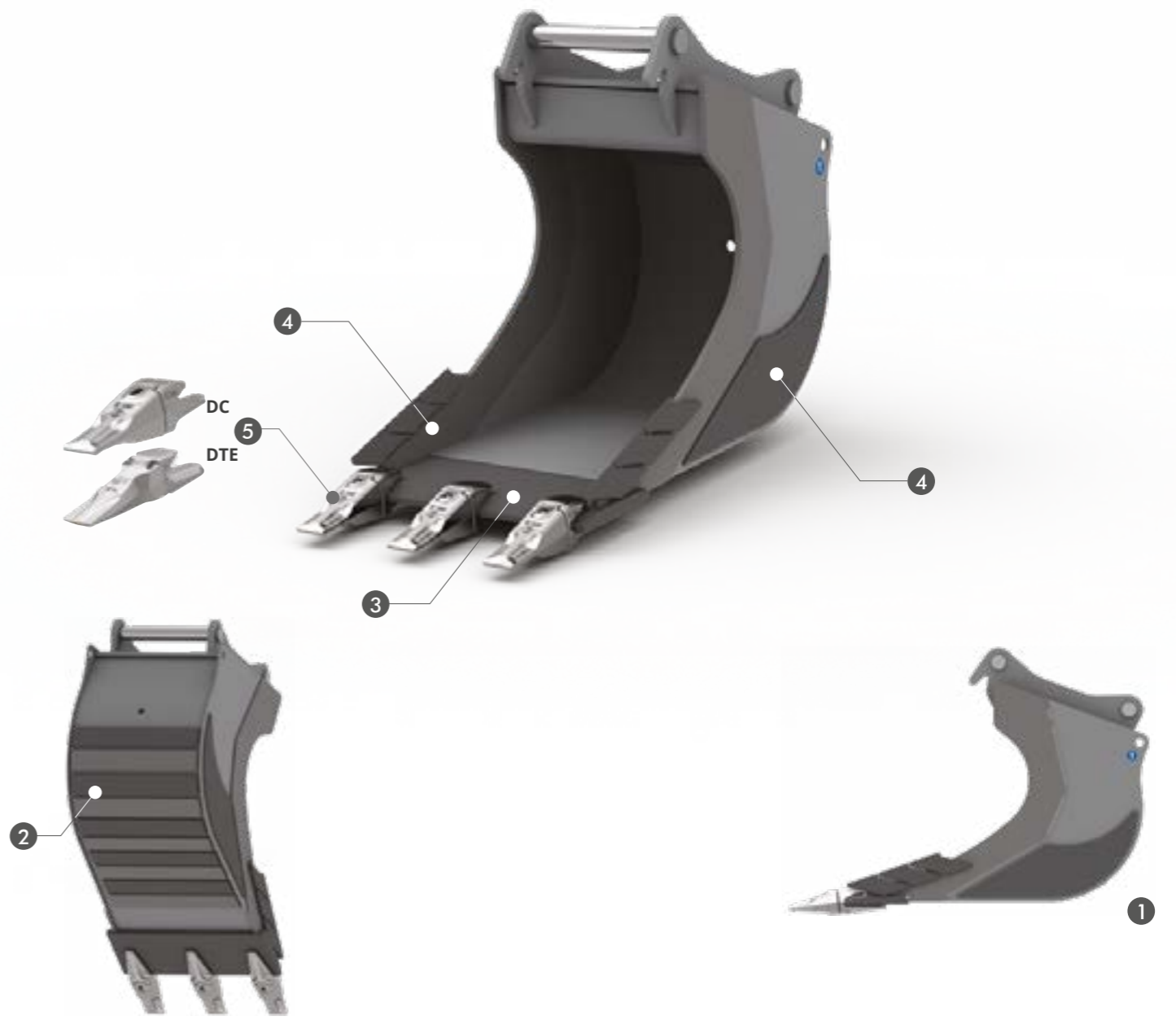


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N.	ADAPTERS
600 (24)	457 (1008)	480 (126,8)	3	AF - S - CM CS - CW CS JANUS PRO
800 (31)	559 (1232)	690 (182,3)	4	AF - S - CM CS - CW CS JANUS PRO
1000 (39)	671 (1479)	900 (237,7)	5	AF - S - CM CS - CW CS JANUS PRO
1200 (47)	773 (1704)	1110 (293,2)	5	AF - S - CM CS - CW CS JANUS PRO
1300 (52)	824 (1817)	1220 (322,2)	6	AF - S - CM CS - CW CS JANUS PRO
1400 (55)	875 (1929)	1330 (351,3)	6	AF - S - CM CS - CW CS JANUS PRO

* weight of the tank excluding attachment



HB400



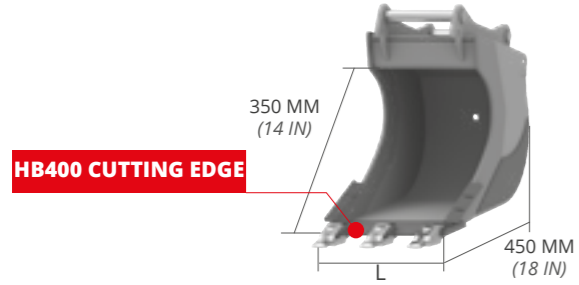
ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. ITS HOLLOW SIDE WALLS HELP THE CROSSING OF GAS AND HYDRAULIC PIPES OR PLANTS, ETC. THE BLADE, THE SIDE CAST CUTTERS AND SIDE REINFORCEMENTS AND THE REAR STRIPS ARE MADE OF HB400.

STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 HB400 SIDE CAST CUTTERS AND SIDE REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 5 DC TEETH DTE TEETH**

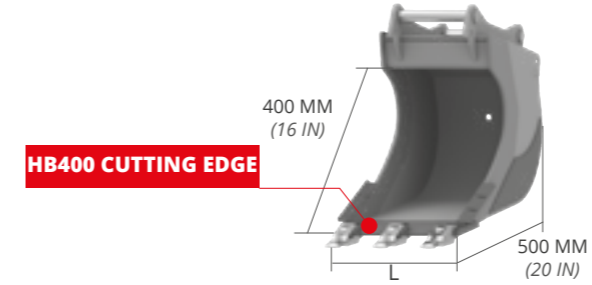
MOD.	MIDI EXCAVATOR											
	BS 35HD	BS 40HD	BS 48HD	BS 60HD	BS 67HD	BS 71HD	BS 75HD	BS 80HD	BS 85HD	BS 92HD	BS 100HD	BS 110HD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 9,0 (16535 - 19842)	9,0 - 12,0 (19842 - 26455)	12,0 - 14,0 (26455 - 30865)	12,0 - 14,0 (26455 - 30865)	14,0 - 18,0 (30865 - 39683)	18,0 - 22,0 (39683 - 48502)

BS35 HD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)



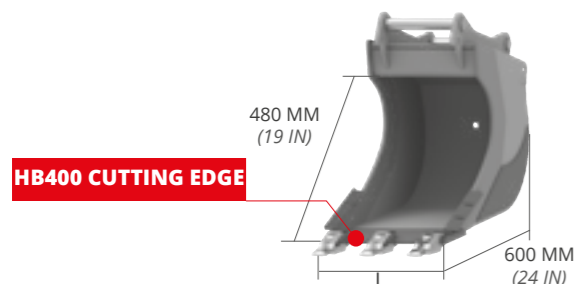
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
250 (10)	22 (49)	24 (6,3)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
300 (12)	24 (53)	29 (7,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
350 (14)	27 (60)	35 (9,2)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	31 (68)	41 (10,1)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO

BS40 HD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)



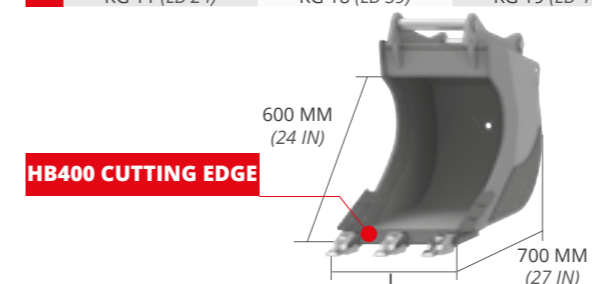
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
250 (10)	25 (55)	24 (6,3)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
300 (12)	27 (60)	30 (7,9)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
350 (14)	30 (66)	37 (9,7)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	34 (75)	44 (11,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO

BS48 HD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
250 (10)	37 (81)	36 (9,5)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
300 (12)	42 (92)	45 (,)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
350 (14)	47 (103)	54 (11,8)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	53 (116)	63 (16,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	64 (141)	83 (21,9)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO

BS60 HD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)

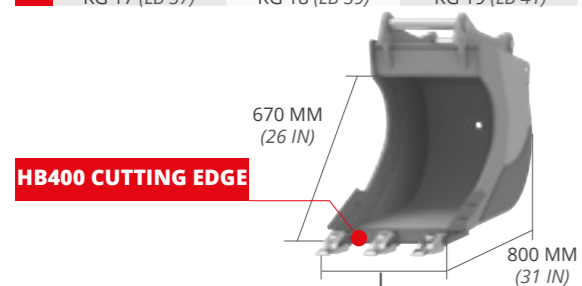


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
250 (10)	48 (105)	54 (14,3)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
300 (12)	53 (116)	66 (17,4)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
350 (14)	60 (132)	79 (20,9)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
400 (16)	66 (145)	93 (24,6)	3	AF - AR - CS CR - S - CM CW - CS JANUS PRO
500 (20)	78 (172)	121 (31,9)	4	AF - AR - CS CR - S - CM CW - CS JANUS PRO

* weight of the tank excluding attachment

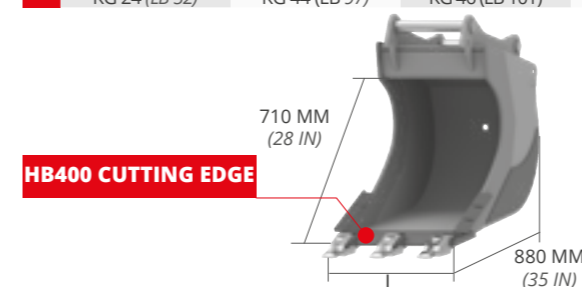
* weight of the tank excluding attachment

BS67 HD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



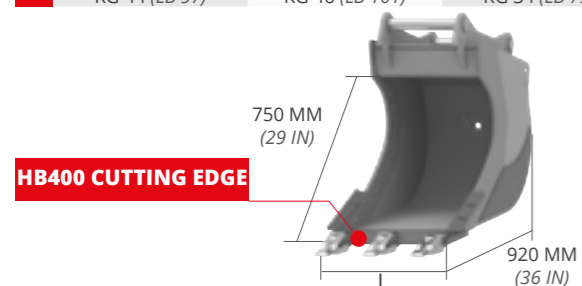
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
300 (12)	70 (154)	78 (20,6)	3	AF - AR - CS
				CR - S - CM
				CW - CS JANUS PRO
350 (14)	80 (176)	95 (25,1)	3	AF - AR - CS
				CR - S - CM
				CW - CS JANUS PRO
400 (16)	90 (198)	111 (29,3)	3	AF - AR - CS
				CR - S - CM
				CW - CS JANUS PRO
500 (20)	109 (240)	146 (38,5)	4	AF - AR - CS
				CR - S - CM
				CW - CS JANUS PRO

BS71 HD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



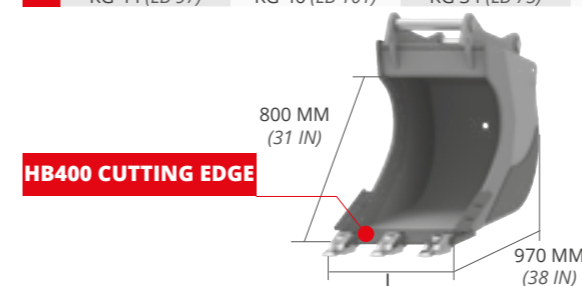
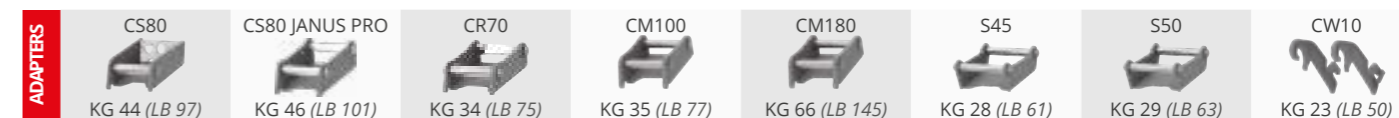
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
350 (14)	101 (223)	112 (29,6)	3	AF - AR - CS
				CR - S - CM
				CW - CS JANUS PRO
400 (16)	111 (245)	132 (34,9)	3	AF - AR - CS
				CR - S - CM
				CW - CS JANUS PRO
500 (20)	133 (293)	172 (45,4)	4	AF - AR - CS
				CR - S - CM
				CW - CS JANUS PRO
600 (24)	152 (335)	215 (56,7)	4	AF - AR - CS
				CR - S - CM
				CW - CS JANUS PRO

BS75 HD MACHINE WEIGHT 7,5 - 9,0 (16535 - 1982 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
350 (14)	106 (234)	117 (30,9)	3	AF - CS
				CR - S - CM
				CW - CS JANUS PRO
400 (16)	118 (260)	138 (36,5)	3	AF - CS
				CR - S - CM
				CW - CS JANUS PRO
500 (20)	138 (304)	181 (47,8)	4	AF - CS
				CR - S - CM
				CW - CS JANUS PRO
600 (24)	160 (353)	226 (59,7)	4	AF - CS
				CR - S - CM
				CW - CS JANUS PRO

BS80 HD MACHINE WEIGHT 9,0 - 12,0 (1982 - 26455 lb)

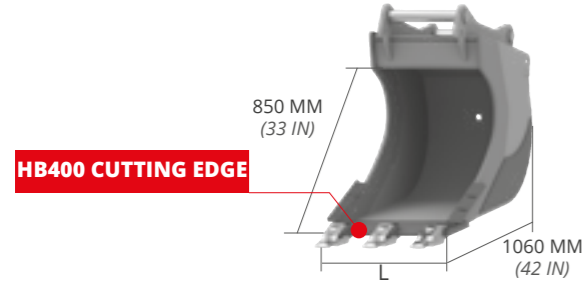


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	130 (286)	161 (42,5)	3	AF - CS
				CR - S - CM
				CW - CS JANUS PRO
500 (20)	157 (346)	210 (55,4)	3	AF - CS
				CR - S - CM
				CW - CS JANUS PRO
600 (24)	186 (410)	261 (68,9)	4	AF - CS
				CR - S - CM
				CW - CS JANUS PRO

* weight of the tank excluding attachment

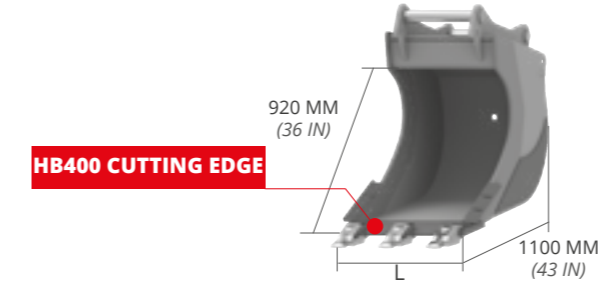
* weight of the tank excluding attachment

BS85 HD MIDI MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



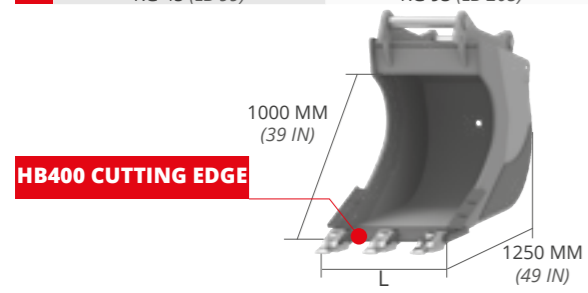
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	164 (361)	184 (48,6)	3	AF - S - CM
				CS - CW
				CS JANUS PRO
500 (20)	192 (423)	242 (63,9)	3	AF - S - CM
				CS - CW
				CS JANUS PRO
600 (24)	220 (485)	301 (79,5)	4	AF - S - CM
				CS - CW
				CS JANUS PRO

BS92 HD EXCAVATOR MACHINE WEIGHT 12,0 - 14,0 (26455 - 30865 lb)



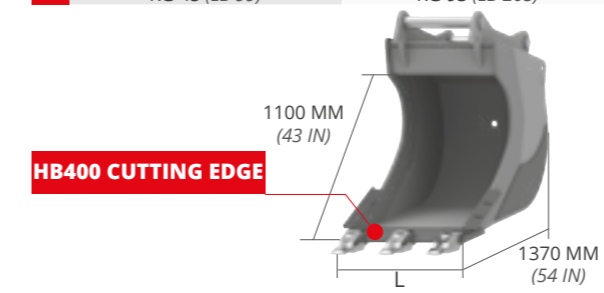
L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	188 (414)	206 (54,4)	3	AF - S - CM
				CS - CW
				CS JANUS PRO
500 (20)	225 (496)	270 (71,3)	3	AF - S - CM
				CS - CW
				CS JANUS PRO
600 (24)	256 (564)	337 (89,0)	4	AF - S - CM
				CS - CW
				CS JANUS PRO

BS100 HD MACHINE WEIGHT 14,0 - 18,0 t (30865 - 39683 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	259 (571)	245 (64,7)	3	AF - S - CM
				CS - CW
				CS JANUS PRO
500 (20)	301 (664)	320 (84,5)	3	AF - S - CM
				CS - CW
				CS JANUS PRO
600 (24)	343 (756)	398 (105,1)	3	AF - S - CM
				CS - CW
				CS JANUS PRO

BS110 HD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	TEETH N°	ADAPTERS
400 (16)	335 (739)	283 (74,8)	3	AF - S - CM
				CS - CW
				CS JANUS PRO
500 (20)	385 (761)	372 (98,3)	3	AF - S - CM
				CS - CW
				CS JANUS PRO
600 (24)	435 (860)	464 (122,6)	3	AF - S - CM
				CS - CW
				CS JANUS PRO

* weight of the tank excluding attachment

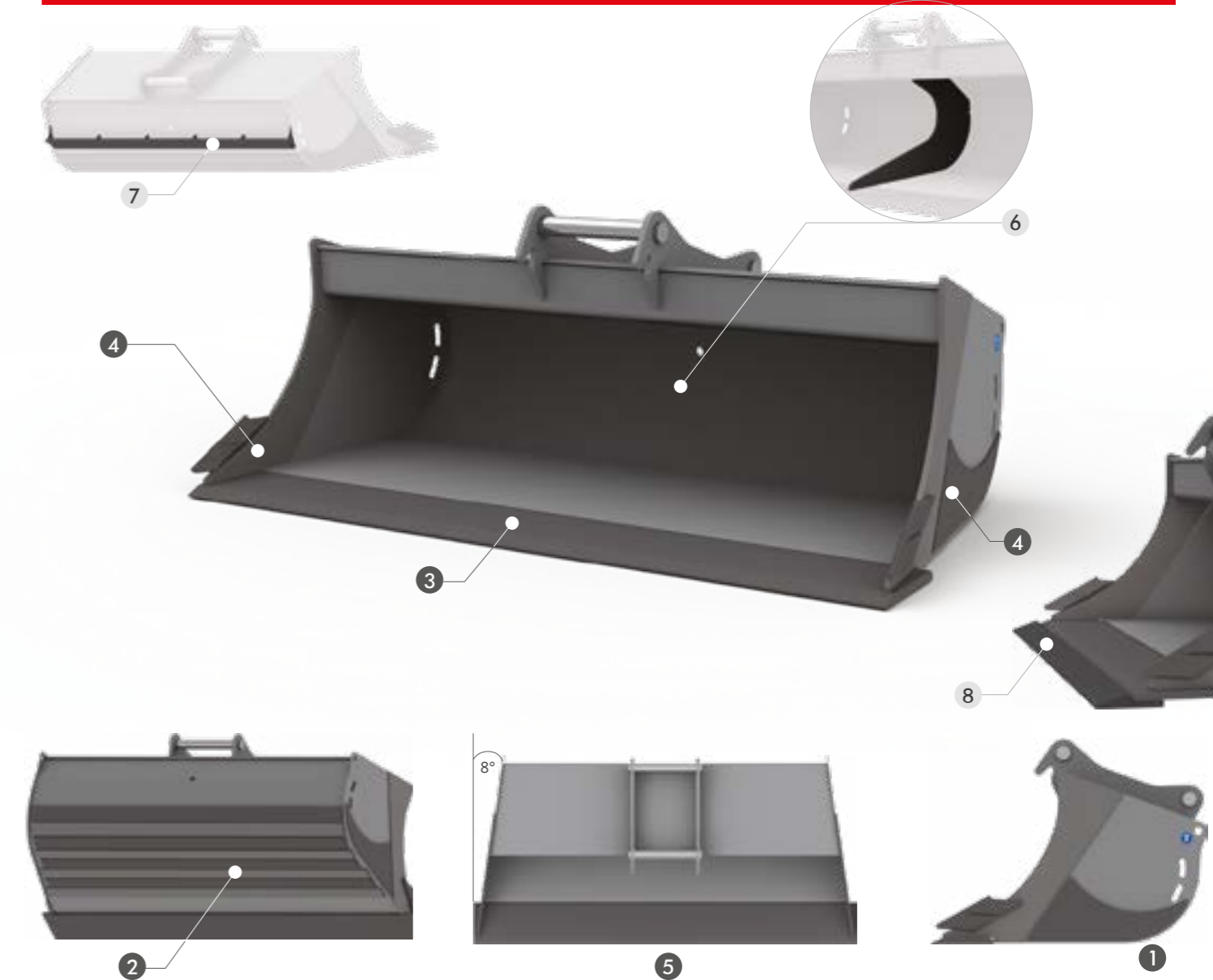
* weight of the tank excluding attachment



HB400



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 HB400 SIDE CAST CUTTERS AND SIDE REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 5 8° CONE SHAPE**

OPTIONAL

- 6 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 7 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 8 HB500 WELDED ADDITIONAL CUTTING EDGE**
Recommended to work on particularly abrasive soils.

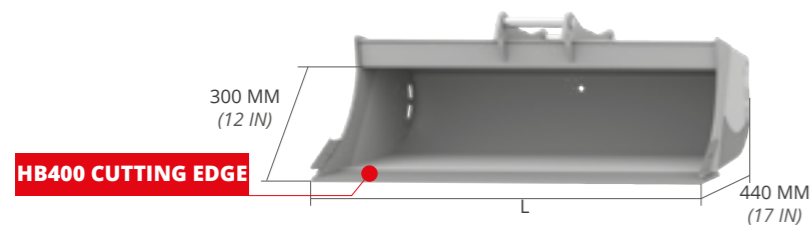
THE SPECIAL HOLLOW PROFILE MAKES IT SUITABLE FOR A COMBINED USAGE WITH THE ROTOTWIST SYSTEM. THE 8° CONE-SHAPE REAR FORM ENABLES THE BUCKET TO ROTATE INSIDE THE EXCAVATION AREA WITHOUT SPOILING IT. IT HAS BEEN REINFORCED IN ALL THE MOST STRESSED AREAS. THE BLADE, THE SIDE CAST CUTTERS AND SIDE REINFORCEMENTS AND THE REAR STRIPS ARE MADE OF HB400.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1600 MM: NR. 2 BEZELS
- WIDTH FROM 1800 TO 2200 MM: NR. 3 BEZELS

MOD.	MIDI						EXCAVATOR		
	SPS 30 8°HD	SPS 35 8°HD	SPS 40 8°HD	SPS 45 8°HD	SPS 50 8°HD	SPS 55 8°HD	SPS 60 8°HD	SPS 65 8°HD	SPS 70 8°HD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26456)	12,0 - 18,0 (26456 - 39683)	18,0 - 22,0 (39683 - 48502)

SPS30 8°HD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)

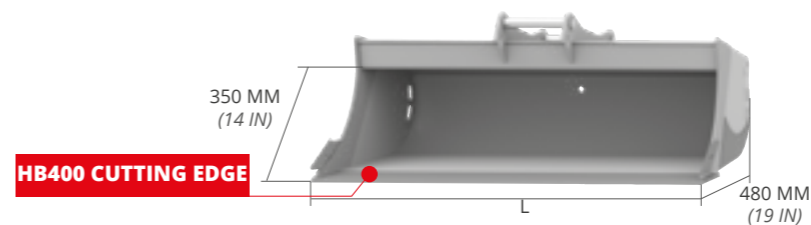


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
600 (24)	32 (70)	42 (11,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
700 (28)	38 (83)	50 (13,2)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	43 (94)	58 (22,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

- 6 REAR RAZOR
- 7 HB500 WELDED ADDITIONAL CUTTING EDGE

SPS35 8°HD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)

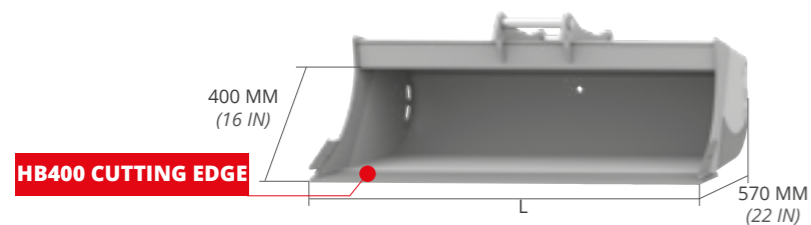


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	51 (112)	75 (19,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
900 (35)	57 (125)	85 (22,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1000 (39)	63 (138)	95 (25,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	76 (167)	115 (30,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

- 6 REAR RAZOR
- 7 HB500 WELDED ADDITIONAL CUTTING EDGE

SPS40 8°HD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)

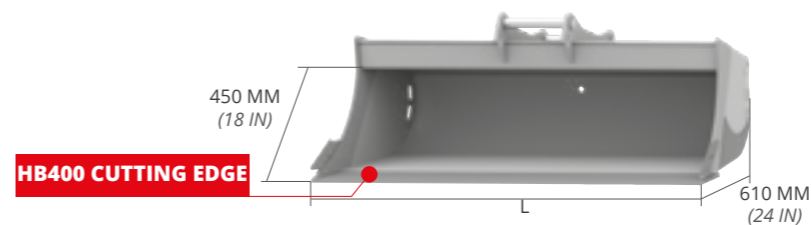


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	84 (185)	115 (30,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1100 (43)	93 (205)	129 (34,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	101 (222)	143 (37,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	118 (260)	157 (41,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

- 6 REAR RAZOR
- 7 HB500 WELDED ADDITIONAL CUTTING EDGE

SPS45 8°HD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	108 (238)	132 (34,9)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1100 (43)	118 (260)	150 (39,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	125 (275)	168 (44,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	147 (324)	204 (53,9)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	159 (350)	222 (58,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

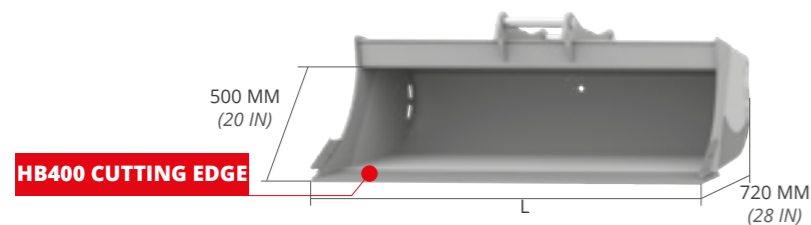
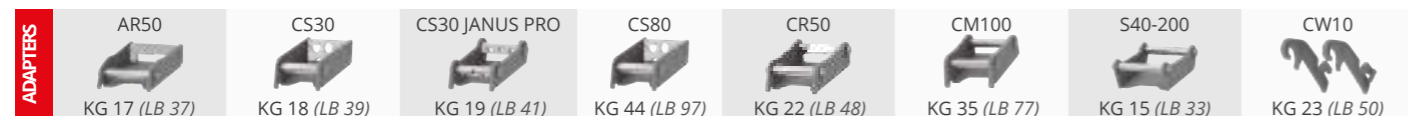
OPTIONAL

- 6 REAR RAZOR
- 7 HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS50 8°HD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)

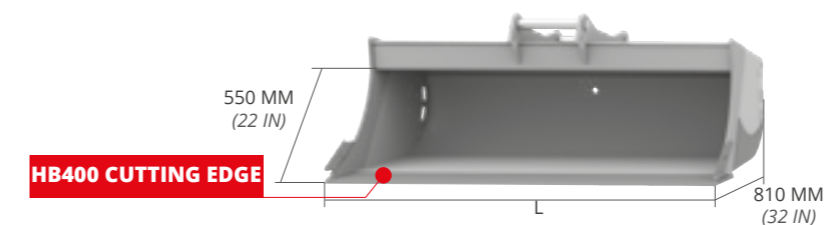


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	158 (348)	210 (55,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1300 (51)	170 (374)	230 (60,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	182 (401)	250 (66,0)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	206 (454)	290 (76,7)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5	6	7
BEZEL	REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS55 8°HD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)

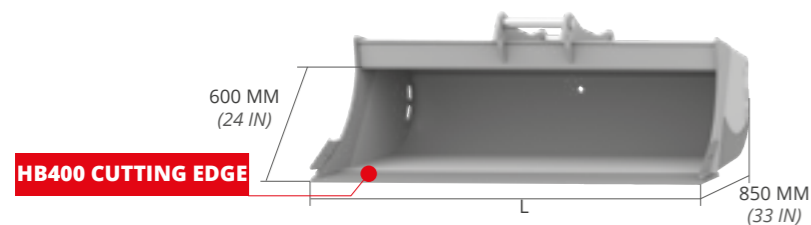


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1300 (51)	204 (449)	300 (79,2)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	219 (482)	325 (85,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	234 (515)	350 (92,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	248 (546)	375 (99,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	277 (610)	425 (112,3)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5	6	7
BEZEL	REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS60 8°HD MIDI MACHINE WEIGHT 7,5 - 12,0 (16535 - 26456 lb)

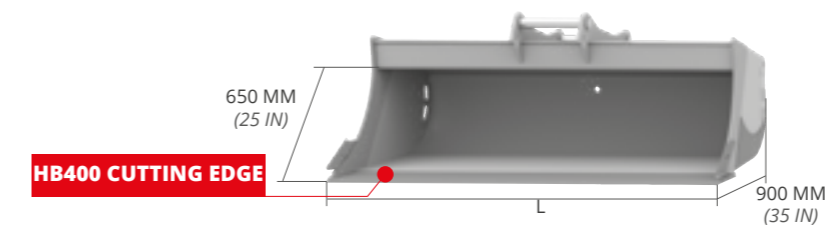


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	247 (544)	360 (95,1)	AF - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	263 (579)	400 (105,7)	AF - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	279 (615)	430 (113,6)	AF - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	309 (681)	490 (129,4)	AF - CS CR - S - CM CW - CS JANUS PRO
2000 (79)	346 (762)	550 (145,3)	AF - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5	6	7
BEZEL	REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS65 8°HD EXCAVATOR MACHINE WEIGHT 12,0 - 18,0 t (26456 - 39683 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	322 (710)	466 (123,1)	AF - S - CM CS - CW CS JANUS PRO
1500 (59)	344 (758)	500 (132,1)	AF - S - CM CS - CW CS JANUS PRO
1600 (63)	368(811)	534 (141,1)	AF - S - CM CS - CW CS JANUS PRO
1800 (71)	412 (908)	602 (159,1)	AF - S - CM CS - CW CS JANUS PRO
2000 (79)	455 (1003)	670 (176,1)	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

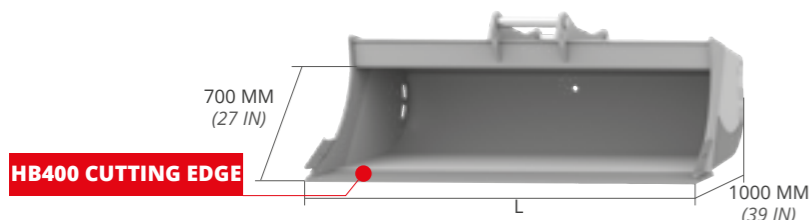
5	6	7
BEZEL	REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS70 8°HD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)

ADAPTERS	CS100 KG 45 (LB 99)	CS100 JANUS PRO KG 93 (LB 205)	CM180 KG 66 (LB 145)	S60 KG 57 (LB 125)	CW30 KG 66 (LB 145)
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L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1500 (59)	422 (930)	600 (158,5)	AF - S - CM CS - CW CS JANUS PRO
1600 (63)	449 (989)	640 (169,1)	AF - S - CM CS - CW CS JANUS PRO
1800 (71)	503 (1108)	720 (190,2)	AF - S - CM CS - CW CS JANUS PRO
2000 (79)	555 (1223)	800 (211,3)	AF - S - CM CS - CW CS JANUS PRO
2200 (87)	605 (1333)	880 (232,5)	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

5	6	7
BEZEL	REAR RAZOR	HB500 WELDED ADDITIONAL CUTTING EDGE



* weight of the tank excluding attachment



HB400



THE SPECIAL 25° HOLLOW PROFILE MAKES IT SUITABLE FOR A COMBINED USAGE WITH THE ROTOTWIST SYSTEM. THE 8° CONE-SHAPE REAR FORM ENABLES THE BUCKET TO ROTATE INSIDE THE EXCAVATION AREA WITHOUT SPOILING IT. IT HAS BEEN REINFORCED IN ALL THE MOST STRESSED AREAS. THE BLADE, THE SIDE CAST CUTTERS AND SIDE REINFORCEMENTS AND THE REAR STRIPS ARE MADE OF HB400.

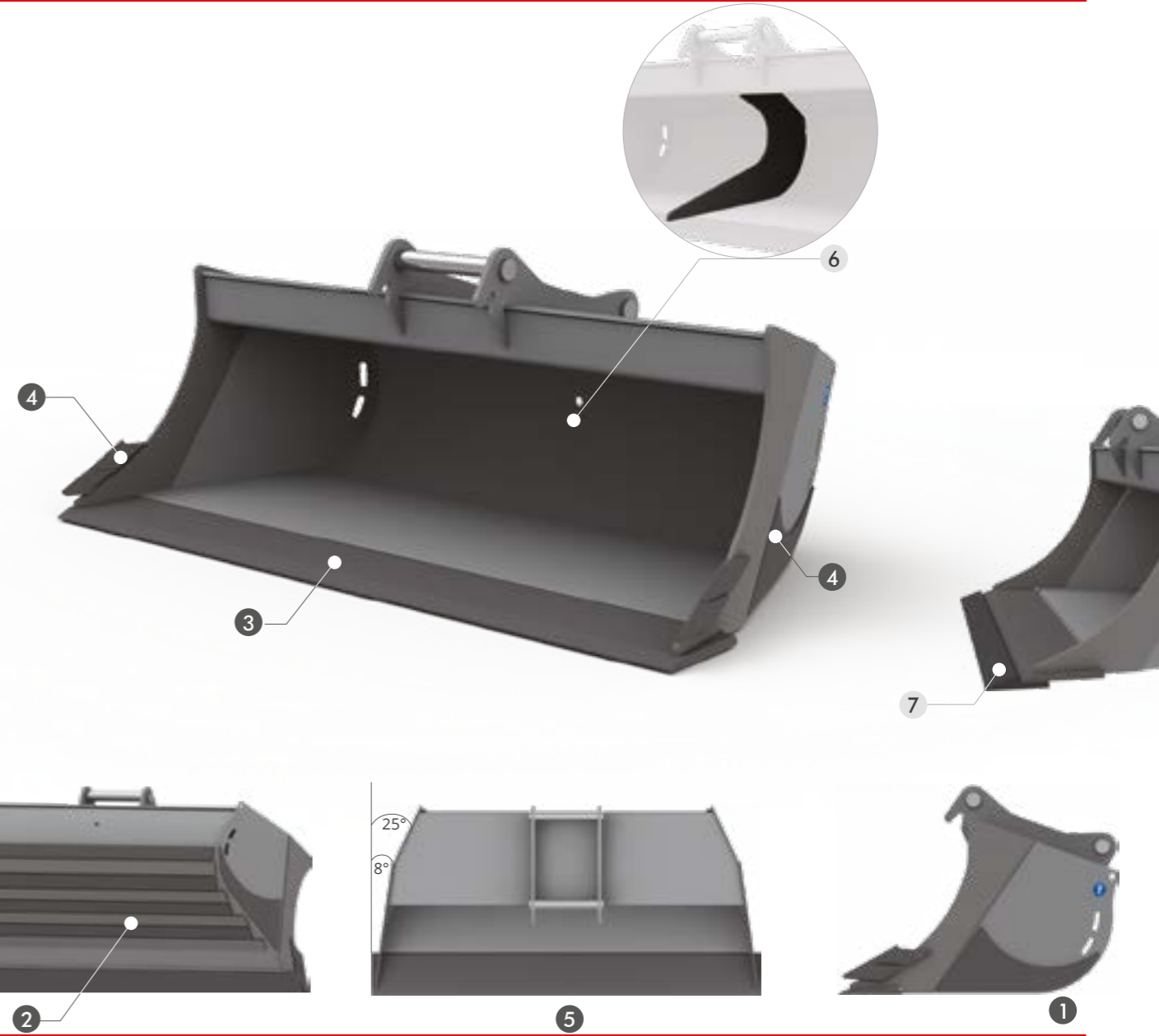
THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1600 MM: NR. 2 BEZELS
- WIDTH FROM 1800 TO 2200 MM: NR. 3 BEZELS

MOD.	MIDI						EXCAVATOR		
	SPS 30 25°HD	SPS 35 25°HD	SPS 40 25°HD	SPS 45 25°HD	SPS 50 25°HD	SPS 55 25°HD	SPS 60 25°HD	SPS 65 25°HD	SPS 70 25°HD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26456)	12,0 - 18,0 (26456 - 39683)	18,0 - 22,0 (39683 - 48502)



ADAPTERS



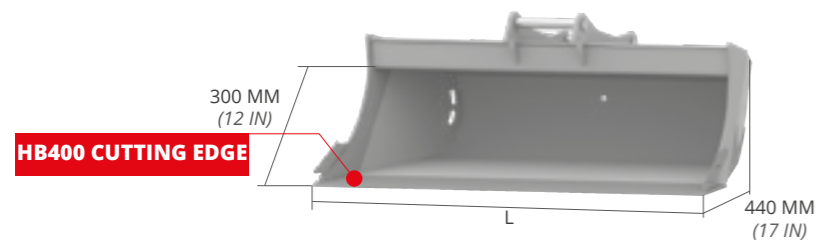
STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 HB400 SIDE CAST CUTTERS AND SIDE REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 5 8° CONE SHAPE AND 25° HOLLOW PROFILE**

OPTIONAL

- 6 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 7 HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

SPS30 25°HD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)

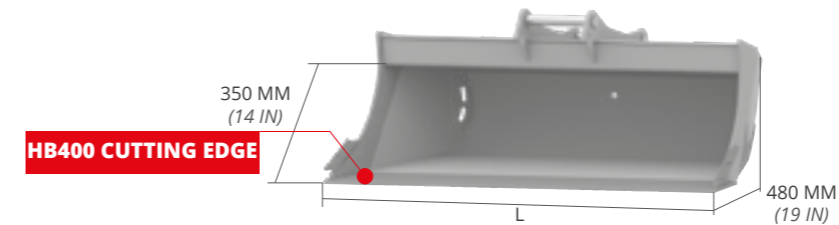


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
600 (24)	30 (66)	41 (10,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
700 (28)	36 (79)	49 (12,9)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
800 (31)	41 (90)	57 (15,0)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS35 25°HD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)

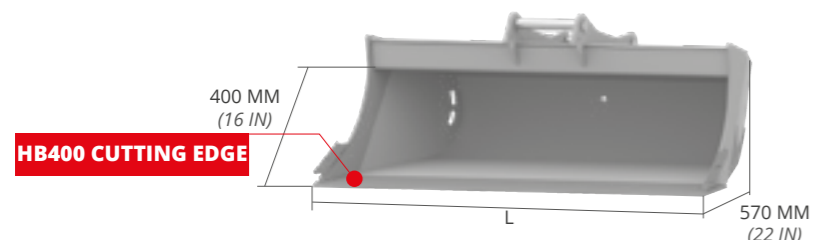


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	49 (108)	74 (19,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
900 (35)	55 (121)	84 (22,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1000 (39)	61 (134)	94 (24,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	74 (163)	114 (30,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS40 25°HD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)

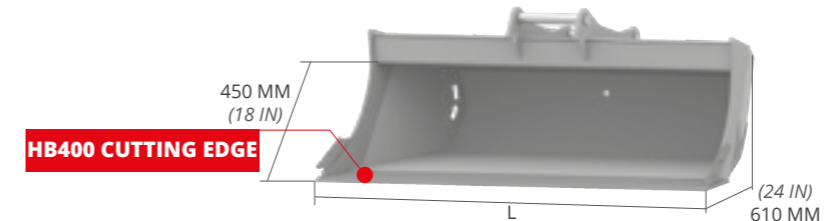


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	81 (178)	113 (29,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1100 (43)	90 (198)	127 (33,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	98 (216)	141 (37,2)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	115 (253)	155 (40,9)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

SPS45 25°HD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1000 (39)	104 (229)	129 (34,0)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1100 (43)	114 (251)	147 (38,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	121 (266)	165 (43,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	143 (315)	201 (53,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	155 (341)	219 (57,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

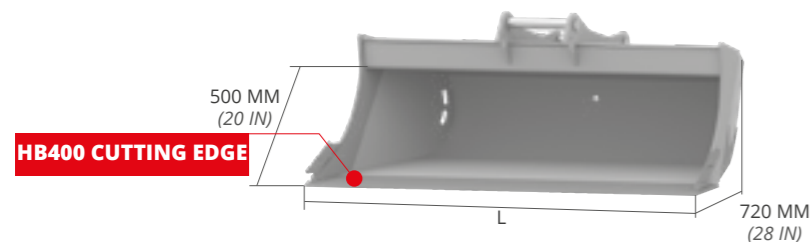
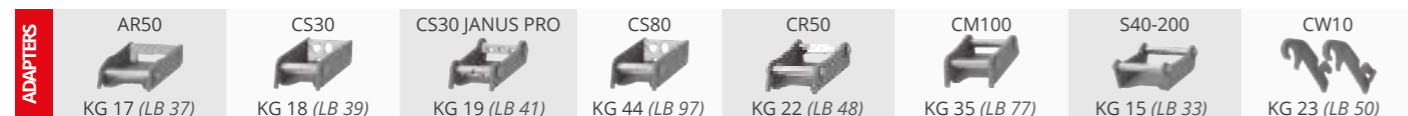
OPTIONAL

6
HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS50 25°HD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)

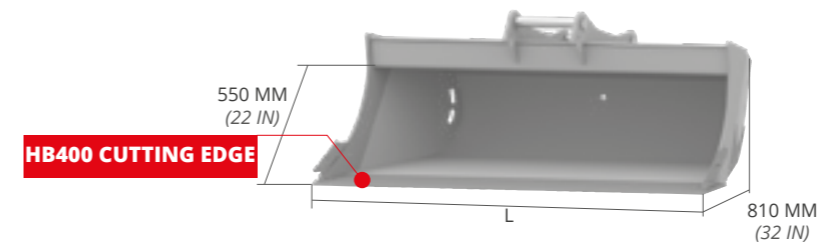


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	153 (337)	204 (53,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1300 (51)	165 (363)	224 (59,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	177 (390)	244 (64,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	201 (443)	284 (75,0)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5	6
BEZEL	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS55 25°HD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)

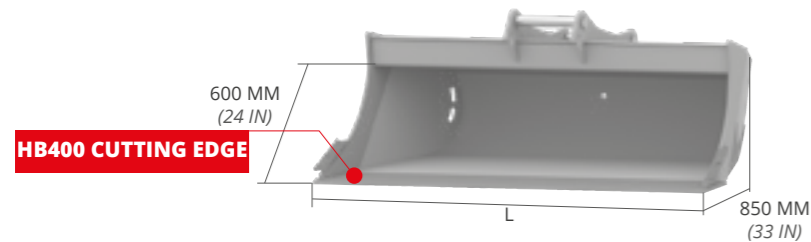


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1300 (51)	197 (434)	290 (76,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	219 (482)	315 (83,2)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	227 (500)	340 (89,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	241 (531)	365 (96,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	270 (595)	415 (109,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5	6
BEZEL	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS60 25°HD MIDI MACHINE WEIGHT 7,5 - 12,0 (16535 - 26456 lb)

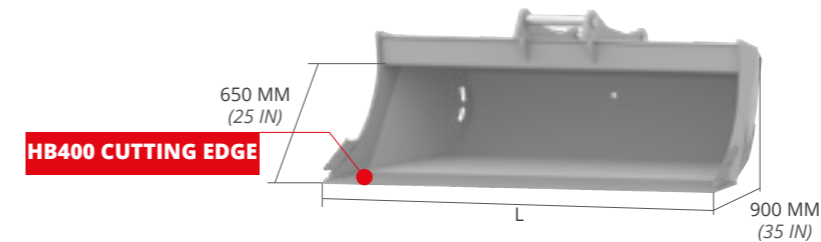


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	239 (526)	345 (91,1)	AF - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	255 (562)	385 (101,7)	AF - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	271 (597)	415 (109,6)	AF - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	301 (663)	445 (117,5)	AF - CS CR - S - CM CW - CS JANUS PRO
2000 (79)	338 (745)	505 (133,4)	AF - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

5	6
BEZEL	HB500 WELDED ADDITIONAL CUTTING EDGE

SPS65 25°HD EXCAVATOR MACHINE WEIGHT 12,0 - 18,0 t (26456 - 39683 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	322 (709)	448 (118,3)	AF - S - CM CS - CW CS JANUS PRO
1500 (59)	346 (762)	482 (127,3)	AF - S - CM CS - CW CS JANUS PRO
1600 (63)	367 (809)	516 (136,3)	AF - S - CM CS - CW CS JANUS PRO
1800 (71)	414 (912)	584 (154,3)	AF - S - CM CS - CW CS JANUS PRO
2000 (79)	438 (965)	652 (172)	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

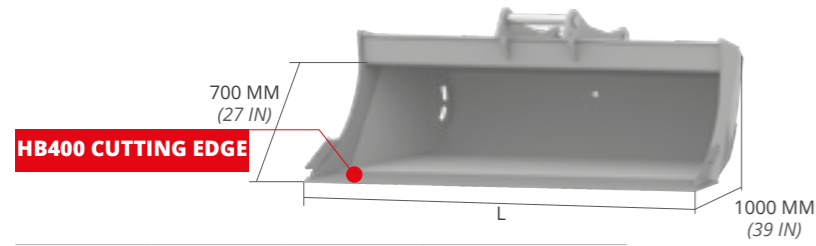
5	6
BEZEL	HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SPS70 25°HD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)

ADAPTERS	CS100 KG 45 (LB 99)	CS100 JANUS PRO KG 93 (LB 205)	CM180 KG 66 (LB 145)	S60 KG 57 (LB 125)	CW30 KG 66 (LB 145)
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L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1500 (59)	397 (875)	580 (153,2)	AF - S - CM CS - CW CS JANUS PRO
1600 (63)	424 (934)	620 (163,8)	AF - S - CM CS - CW CS JANUS PRO
1800 (71)	478 (1053)	700 (184,9)	AF - S - CM CS - CW CS JANUS PRO
2000 (79)	530 (1168)	780 (206,1)	AF - S - CM CS - CW CS JANUS PRO
2200 (87)	580 (1278)	860 (227,2)	AF - S - CM CS - CW CS JANUS PRO

OPTIONAL

5 BEZEL	6 HB500 WELDED ADDITIONAL CUTTING EDGE
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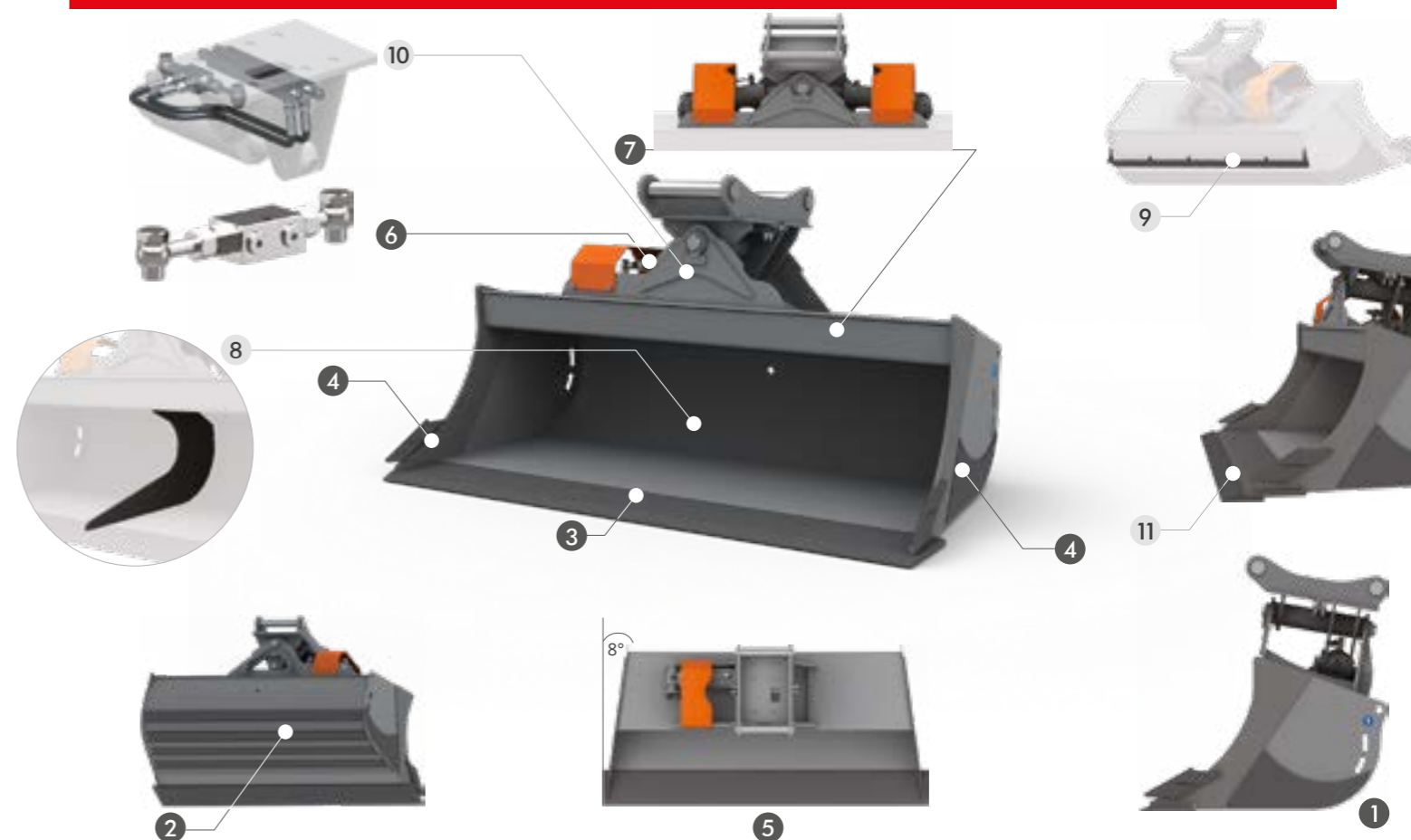
* weight of the tank excluding attachment



HB400



ADAPTERS



STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 CUTTING EDGE**
- 4 HB400 SIDE CAST CUTTERS AND SIDE REINFORCEMENTS**
THESE HB400 CAST CUTTERS ARE POSITIONED ON THE SURFACES MOSTLY SUBJECT TO WEAR GRANTING A HIGHER RESISTANCE.
- 5 8° CONE SHAPE**
- 6 BLOCK VALVE**
IT ALLOWS TO KEEP THE BUCKET POSITIONING DURING THE WORKING PHASE.
- 7 DOUBLE CYLINDER FOR SQS 65 8 ° HD AND SQS 70 8 ° HD MODELS**

OPTIONAL

- 8 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE. **HIGHLY RECOMMENDED WITH BUCKETS 1400MM WIDE OR MORE.**
- 9 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 10 PIPE KIT**
OPTIONAL KIT INSTALLED ON THE BUCKET FOR THE FEEDING OF THE HYDRAULIC CYLINDER. IT ALLOWS THE USE OF TWO OUTLETS ON THE RIGHT AND TWO OUTLETS ON THE LEFT FOR THE HYDRAULIC CONNECTION TO THE MACHINE REDUCING THE INSTALLATION TIMES. THE CONNECTING PIPES ARE NOT SUPPLIED.
- 11 HB500 WELDED ADDITIONAL CUTTING EDGE**
RECOMMENDED TO WORK ON PARTICULARLY ABRASIVE SOILS.

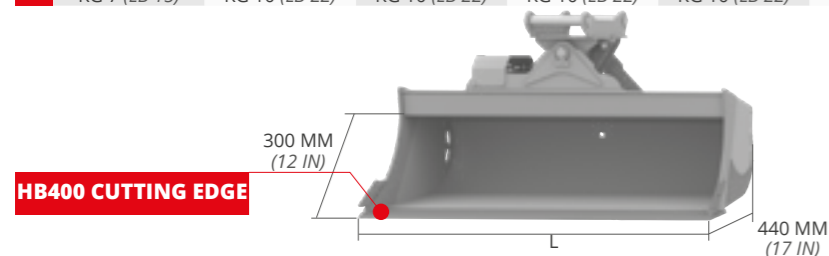
ITS TILTING SYSTEM ENABLES TO TILT IT BY 45° ON BOTH SIDES. ITS ELONGATED SHAPE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. USED MAINLY TO CLEAN AND LEVEL STREETS, DITCHES AND DIKES. IT HAS BEEN REINFORCED IN ALL THE MOST STRESSED AREAS. THE BLADE, THE SIDE CAST CUTTERS AND SIDE REINFORCEMENTS AND THE REAR STRIPS ARE MADE OF HB400.

THE INSTALLATION OF BEZELS IS HIGHLY RECOMMENDED FOR BUCKETS WIDER THAN 1400 MM, IN ORDER TO AVOID DAMAGES TO THE BUCKET IN CASE OF HEAVY DUTY JOBS OR WITH PARTICULARLY HARD TERRAINS:

- WIDTH FROM 1400 TO 1500 MM: NR. 1 BEZEL
- WIDTH FROM 1600 TO 1600 MM: NR. 2 BEZELS
- WIDTH FROM 1800 TO 2200 MM: NR. 3 BEZELS

MOD.	SQS 30 8°HD	SQS 35 8°HD	SQS 40 8°HD	SQS 45 8°HD	SQS 50 8°HD	SQS 55 8°HD	SQS 60 8°HD	SQS 65 8°HD	SQS 70 8°HD
TONS (LB)	0,8 - 1,5 (1764 - 3307)	1,5 - 2,0 (3307 - 4409)	2,0 - 3,0 (4409 - 6614)	3,0 - 4,0 (6614 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26456)	12,0 - 18,0 (26456 - 39683)	18,0 - 22,0 (39683 - 48502)

SQS30 8°HD MACHINE WEIGHT 0,8 - 1,5 (1764 - 3307 lb)

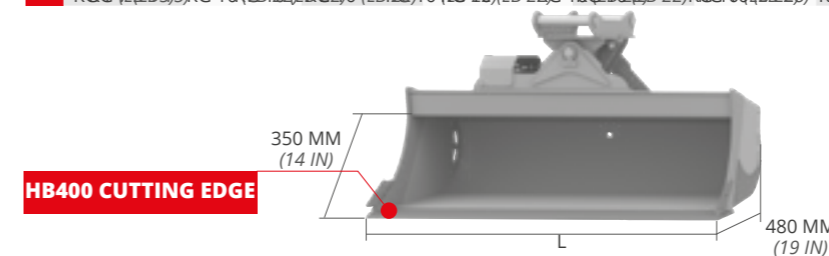


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
800 (31)	59 (130)	58 (22,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

8	9	10
REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

SQS35 8°HD MACHINE WEIGHT 1,5 - 2,0 (3307 - 4409 lb)

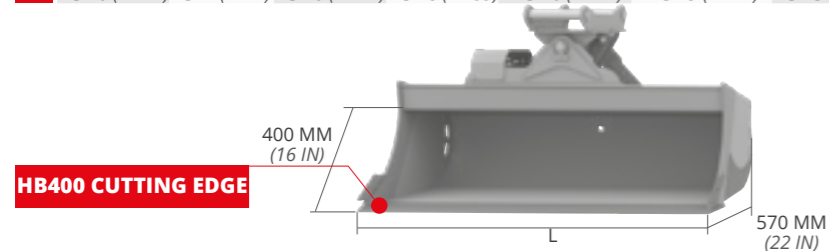


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
900 (35)	79 (174)	85 (22,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1000 (39)	85 (187)	95 (25,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	98 (216)	115 (30,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

8	9	10
REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

SQS40 8°HD MACHINE WEIGHT 2,0 - 3,0 (4409 - 6614 lb)

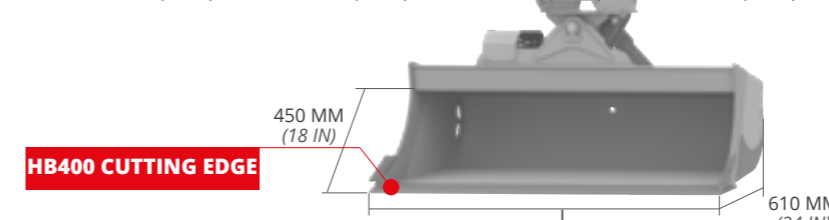


L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1100 (43)	138 (304)	129 (34,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	146 (321)	143 (37,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	163 (359)	157 (41,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

8	9	10
REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

SQS45 8°HD MACHINE WEIGHT 3,0 - 4,0 (6614 - 8818 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1100 (43)	163 (359)	150 (39,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1200 (47)	170 (374)	168 (44,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	192 (423)	204 (53,9)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	204 (449)	222 (58,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

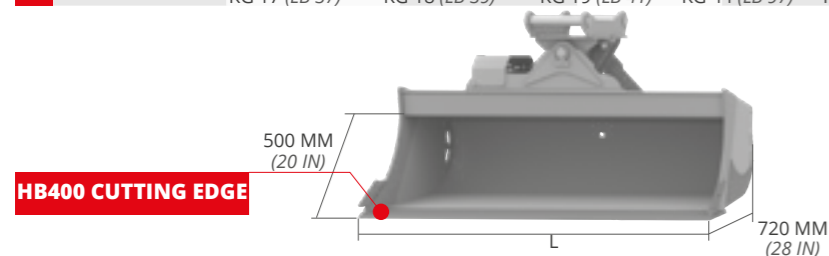
OPTIONAL

8	9	10
REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQS50 8°HD MACHINE WEIGHT 4,0 - 6,0 (8818 - 13228 lb)



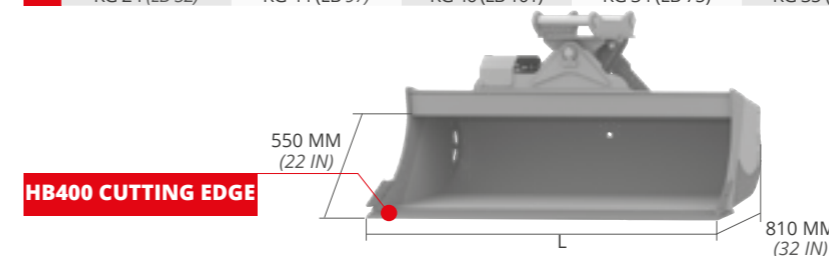
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1200 (47)	218 (480)	210 (55,5)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1300 (51)	230 (507)	230 (60,8)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	242 (533)	250 (66,0)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	266 (586)	290 (76,7)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

7	8	9	10
BEZEL	REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

SQS55 8°HD MACHINE WEIGHT 6,0 - 7,5 (13228 - 16535 lb)



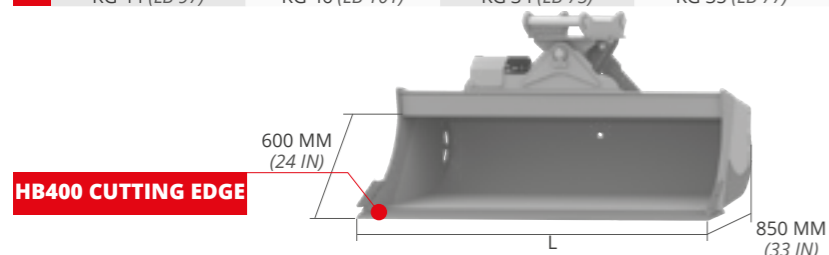
HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1300 (51)	294 (648)	300 (79,2)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1400 (55)	309 (681)	325 (85,6)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	324 (714)	350 (92,4)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	338 (745)	375 (99,1)	AF - AR - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	367 (809)	425 (112,3)	AF - AR - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

7	8	9	10
BEZEL	REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

SQS60 8°HD MIDI MACHINE WEIGHT 7,5 - 12,0 (16535 - 26456 lb)



HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	337 (743)	360 (95,1)	AF - CS CR - S - CM CW - CS JANUS PRO
1500 (59)	353 (778)	400 (105,7)	AF - CS CR - S - CM CW - CS JANUS PRO
1600 (63)	369 (813)	430 (113,6)	AF - CS CR - S - CM CW - CS JANUS PRO
1800 (71)	399 (879)	490 (129,4)	AF - CS CR - S - CM CW - CS JANUS PRO
2000 (79)	436 (961)	550 (145,3)	AF - CS CR - S - CM CW - CS JANUS PRO

OPTIONAL

7	8	9	10
BEZEL	REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

SQS65 8°HD EXCAVATOR MACHINE WEIGHT 12,0 - 18,0 t (26456 - 39683 lb)



HB400 CUTTING EDGE

L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1400 (55)	552 (996)	466 (123,1)	AF - S - CM CS - CW CS JANUS PRO
1500 (59)	474 (1045)	500 (132,1)	AF - S - CM CS - CW CS JANUS PRO
1600 (63)	498 (1098)	534 (141,1)	AF - S - CM CS - CW CS JANUS PRO
1800 (71)	542 (1195)	602 (159,1)	AF - S - CM CS - CW CS JANUS PRO
2000 (79)	585 (1290)	670 (176,1)	AF - S - CM CS - CW CS JANUS PRO

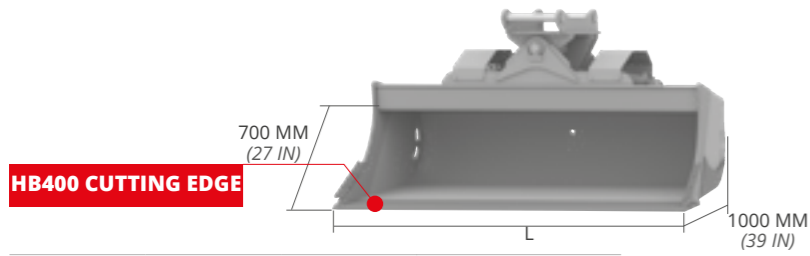
OPTIONAL

7	8	9	10
BEZEL	REAR RAZOR	PIPE KIT	HB500 WELDED ADDITIONAL CUTTING EDGE

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQS70 8°HD MACHINE WEIGHT 18,0 - 22,0 t (39683 - 48502 lb)



L MM (IN)	WEIGHT KG* (LB*)	CAP. SAE L (GAL)	ADAPTERS
1500 (59)	552 (1217)	600 (158,5)	AF - S - CM
			CS - CW
			CS JANUS PRO
1600 (63)	579 (1276)	640 (169,1)	AF - S - CM
			CS - CW
			CS JANUS PRO
1800 (71)	633 (1395)	720 (190,2)	AF - S - CM
			CS - CW
			CS JANUS PRO
2000 (79)	685 (1510)	800 (211,3)	AF - S - CM
			CS - CW
			CS JANUS PRO
2200 (87)	735 (1620)	880 (232,5)	AF - S - CM
			CS - CW
			CS JANUS PRO

OPTIONAL

7 BEZEL	8 REAR RAZOR	9 PIPE KIT	10 HB500 WELDED ADDITIONAL CUTTING EDGE
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* weight of the tank excluding attachment



DIGGING BUCKET

318

SCN



DITCH CLEANING BUCKET

336

SPN



STONE BUCKET

324

BN



TILTING DITCH CLEANING BUCKET

342

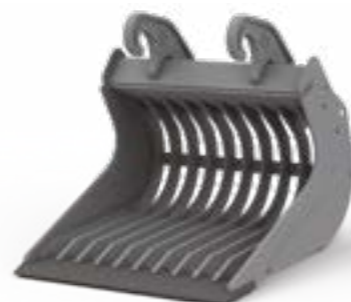
SQN



SKELETON BUCKET

330

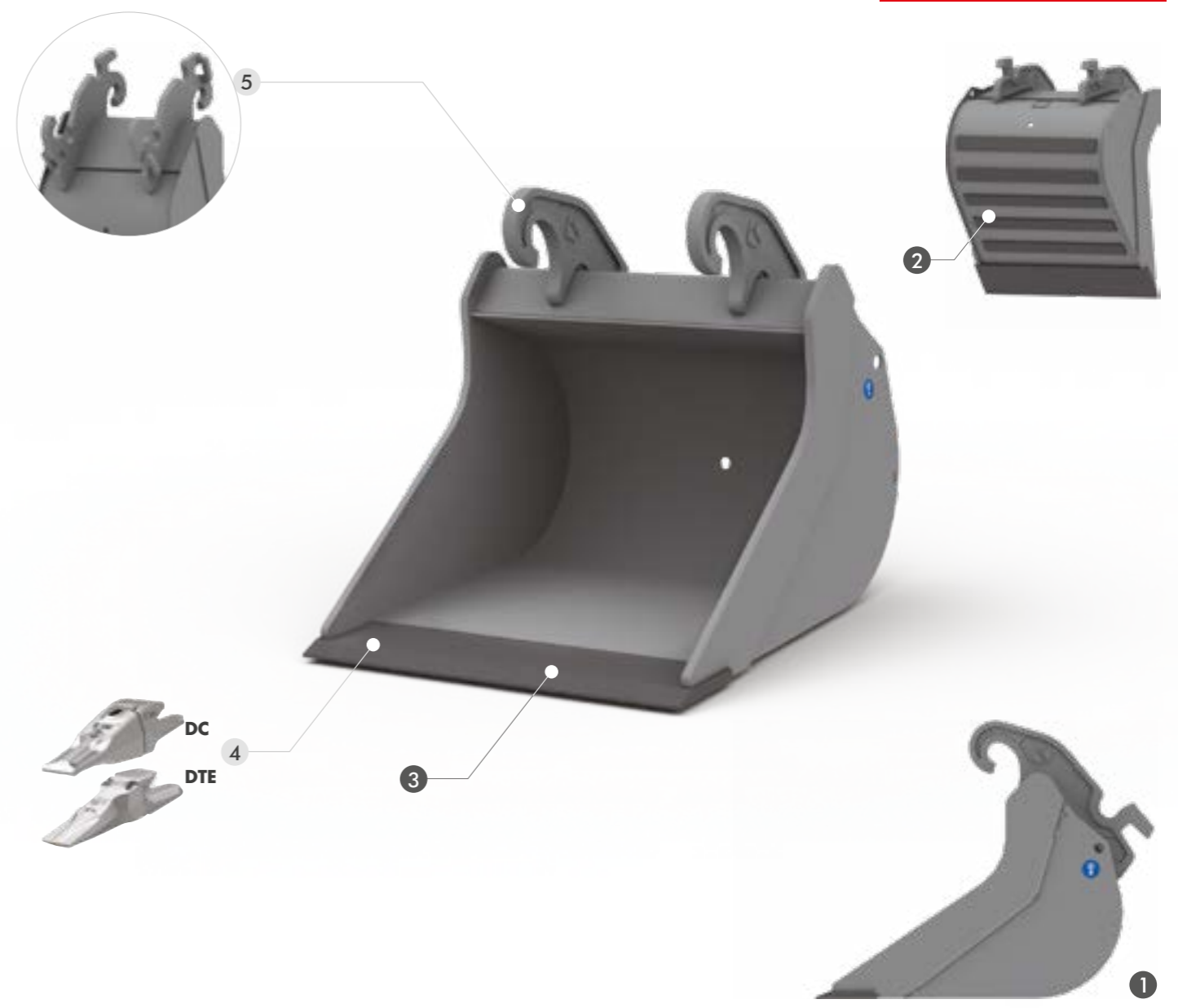
VN



HB400



ITS ELONGATED PROFILE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. IT IS EQUIPPED WITH HB400 BLADE.



STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 BLADE**

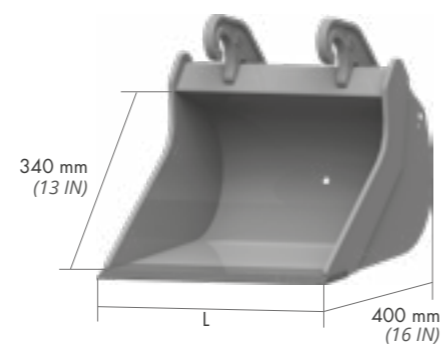
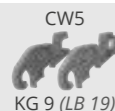
OPTIONAL

- 4 DC TEETH OR DTE TEETH**
- 5 CW REVERSIBLE VERSION**
THIS ADAPTER MAKES THE BUCKET REVERSIBLE.

MOD.	SCN35	SCN41	SCN52	SCN60	SCN66	SCN75	SCN85
Tons (lb)	0,6 - 1,2 (1323 - 2646)	1,2 - 1,8 (2646 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26455)

SCN35 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

ADAPTERS



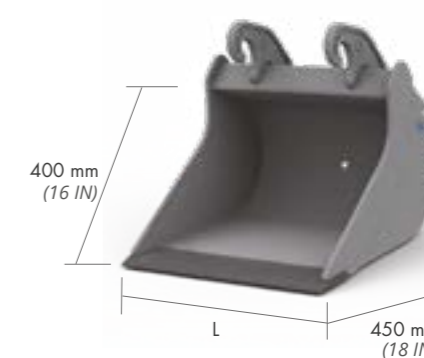
OPTIONAL

4	4	5
DC teeth	DTE teeth	CW reversible version

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
300 (12)	19 (42)	21 (5,5)	AF
300 (12)	19 (42)	21 (5,5)	CW
400 (16)	23 (51)	31 (8,2)	AF
400 (16)	23 (51)	31 (8,2)	CW
500 (20)	28 (62)	47 (12,4)	AF
500 (20)	28 (62)	47 (12,4)	CW

SCN41 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)

ADAPTERS



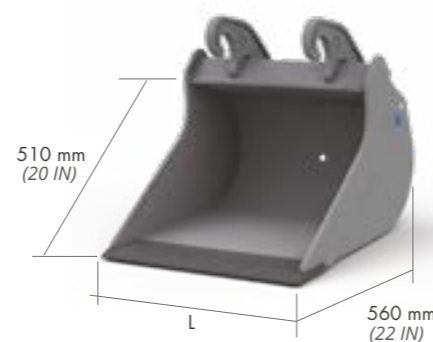
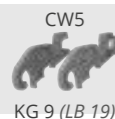
OPTIONAL

4	4	5
DC teeth	DTE teeth	CW reversible version

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
300 (12)	22 (48)	26 (6,9)	AF
300 (12)	22 (48)	26 (6,9)	CW
400 (16)	27 (59)	38 (10,0)	AF
400 (16)	27 (59)	38 (10,0)	CW
500 (20)	32 (70)	52 (13,7)	AF
500 (20)	32 (70)	52 (13,7)	CW
600 (24)	37 (82)	75 (19,8)	AF
600 (24)	37 (82)	75 (19,8)	CW

SCN52 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

ADAPTERS



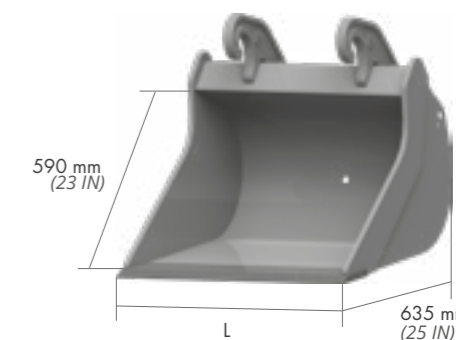
OPTIONAL

4	4	5
DC teeth	DTE teeth	CW reversible version

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
300 (12)	32 (71)	34 (9,0)	AF
300 (12)	32 (71)	34 (9,0)	CW
400 (16)	40 (88)	51 (13,5)	AF
400 (16)	40 (88)	51 (13,5)	CW
500 (20)	47 (104)	69 (18,2)	AF
500 (20)	47 (104)	69 (18,2)	CW
600 (24)	54 (119)	87 (23,0)	AF
600 (24)	54 (119)	87 (23,0)	CW

SCN60 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)

ADAPTERS



OPTIONAL

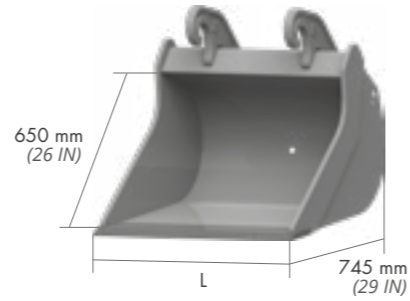
4	4	5
DC teeth	DTE teeth	CW reversible version


L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
300 (12)	41 (90)	121 (12,2)	AF
300 (12)	41 (90)	121 (12,2)	CW
400 (16)	49 (108)	69 (18,2)	AF
400 (16)	49 (108)	69 (18,2)	CW
500 (20)	57 (126)	93 (24,6)	AF
500 (20)	57 (126)	93 (24,6)	CW
600 (24)	65 (143)	118 (31,2)	AF
600 (24)	65 (143)	118 (31,2)	CW

* weight of the tank excluding attachment


* weight of the tank excluding attachment

SCN66 MACHINE WEIGHT 4,0 - 6,0 t (8818 - 13228 lb)

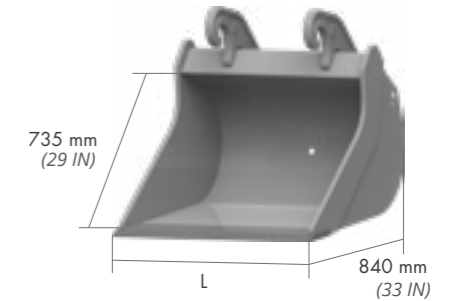



L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
400 (16)	65 (143)	79 (20,9)	AF
400 (16)	65 (143)	79 (20,9)	CW
500 (20)	75 (165)	107 (28,3)	AF
500 (20)	75 (165)	107 (28,3)	CW
600 (24)	86 (190)	137 (36,2)	AF
600 (24)	86 (190)	137 (36,2)	CW
700 (28)	97 (214)	168 (44,4)	AF
700 (28)	97 (214)	168 (44,4)	CW

OPTIONAL




		
DC teeth	DTE teeth	CW reversible version

SCN75 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

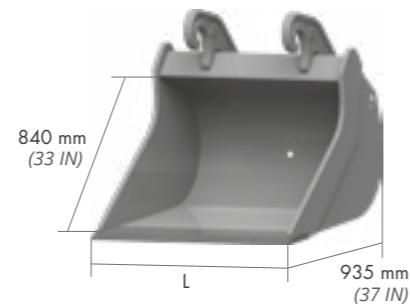
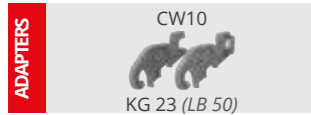



L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
400 (16)	85 (187)	94 (24,8)	AF
400 (16)	85 (187)	94 (24,8)	CW
500 (20)	100 (220)	128 (33,8)	AF
500 (20)	100 (220)	128 (33,8)	CW
600 (24)	114 (251)	165 (43,6)	AF
600 (24)	114 (251)	165 (43,6)	CW
700 (28)	128 (282)	203 (53,6)	AF
700 (28)	128 (282)	203 (53,6)	CW
800 (31)	142 (313)	243 (64,2)	AF
800 (31)	142 (313)	243 (64,2)	CW

OPTIONAL




		
DC teeth	DTE teeth	CW reversible version

SCN85 MACHINE WEIGHT 7,5 - 12,0 t (16535 - 26455 lb)



L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
400 (16)	98 (216)	121 (32,0)	AF
400 (16)	98 (216)	121 (32,0)	CW
500 (20)	112 (247)	160 (42,3)	AF
500 (20)	112 (247)	160 (42,3)	CW
600 (24)	127 (280)	205 (54,2)	AF
600 (24)	127 (280)	205 (54,2)	CW
700 (28)	142 (313)	252 (66,6)	AF
700 (28)	142 (313)	252 (66,6)	CW
800 (31)	157 (346)	301 (79,5)	AF
800 (31)	157 (346)	301 (79,5)	CW
900 (35)	172 (379)	352 (93,0)	AF
900 (35)	172 (379)	352 (93,0)	CW

OPTIONAL

		
DC teeth	DTE teeth	CW reversible version

* weight of the tank excluding attachment

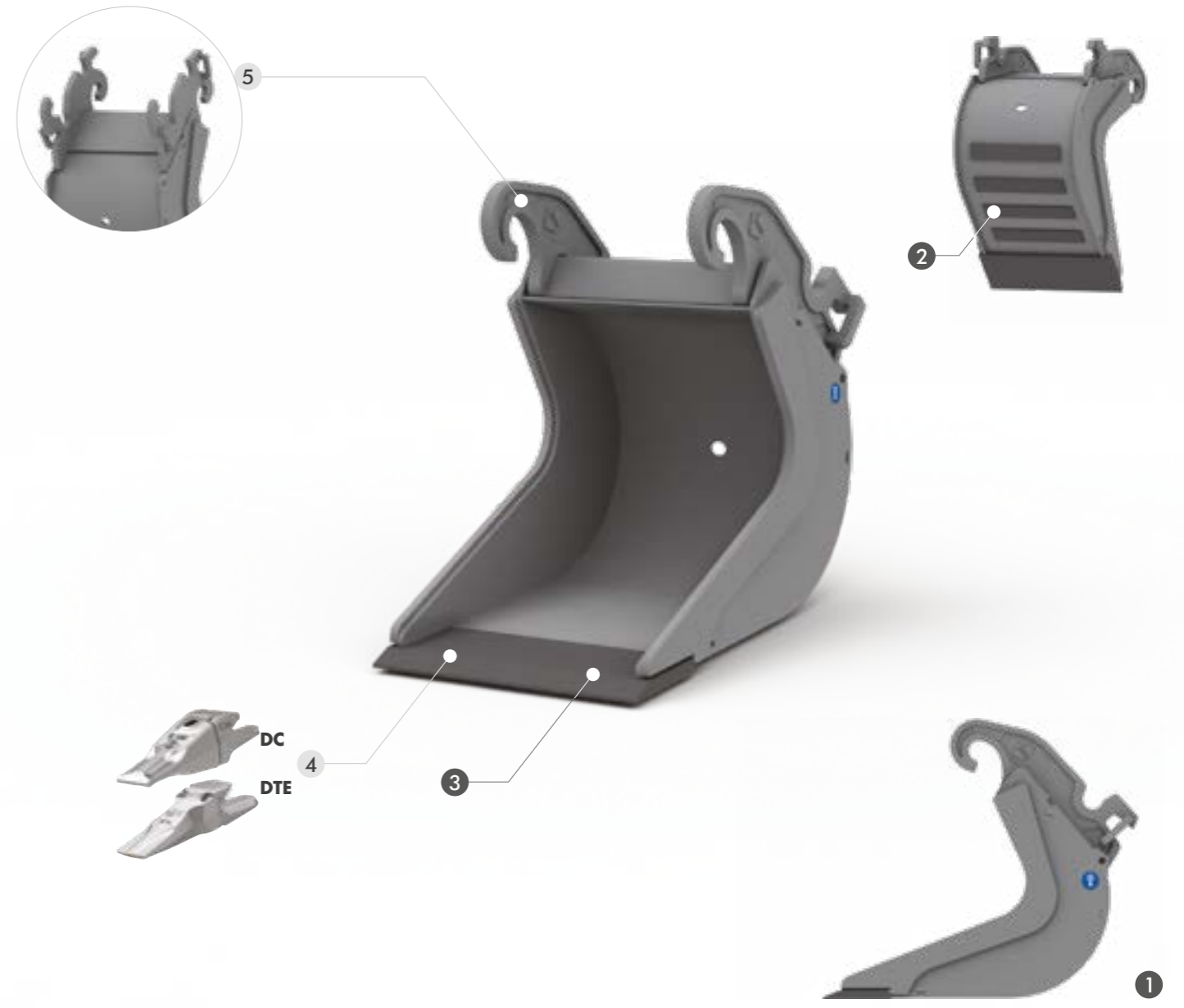
* weight of the tank excluding attachment



ADAPTERS



HB400



STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 BLADE**

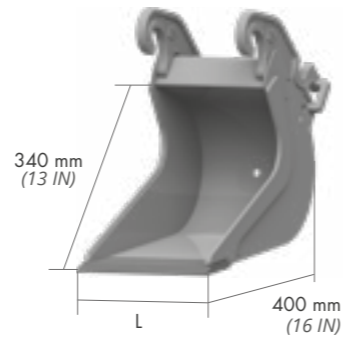
OPTIONAL



- 4 DC TEETH OR DTE TEETH**
- 5 CW REVERSIBLE VERSION**
THIS ADAPTER MAKES THE BUCKET REVERSIBLE.

ITS ELONGATED SHAPE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. ITS HOLLOW SIDE WALLS HELP THE CROSSING OF GAS AND HYDRAULIC PIPES OR PLANTS, ETC. IT IS EQUIPPED WITH HB400 BLADE.




MOD.	BN35	BN41	BN52	BN60	BN66	BN75	BN90
Tons (lb)	0,6 - 1,2 (1323 - 2646)	1,2 - 1,8 (2646 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26455)

BN35 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

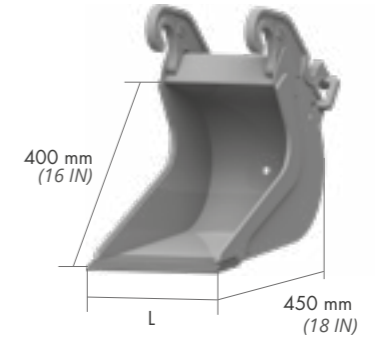




L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	 
220 (9)	17 (37)	16 (4,2)	AF
220 (9)	17 (37)	16 (4,2)	CW
250 (10)	18 (40)	18 (4,8)	AF
250 (10)	18 (40)	18 (4,8)	CW
300 (12)	20 (44)	22 (5,8)	AF
300 (12)	20 (44)	22 (5,8)	CW

OPTIONAL




		
DC teeth	DTE teeth	CW reversible version

BN41 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)

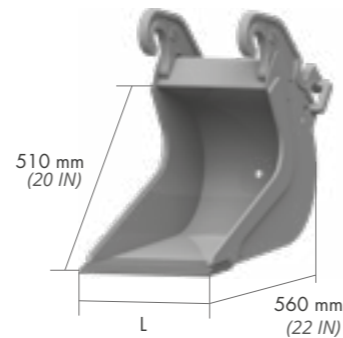




L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	 
220 (9)	19 (42)	20 (5,3)	AF
220 (9)	19 (42)	20 (5,3)	CW
250 (10)	20 (44)	23 (6,1)	AF
250 (10)	20 (44)	23 (6,1)	CW
300 (12)	22 (49)	28 (7,4)	AF
300 (12)	22 (49)	28 (7,4)	CW
350 (14)	24 (53)	34 (9,0)	AF
350 (14)	24 (53)	34 (9,0)	CW

OPTIONAL




		
DC teeth	DTE teeth	CW reversible version

BN52 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

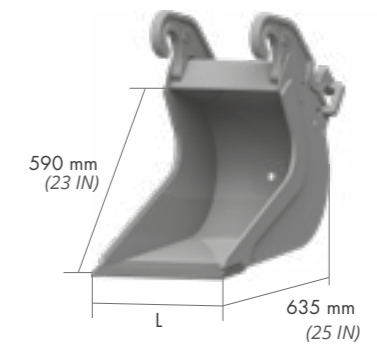




L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	 
220 (9)	25 (55)	27 (7,1)	AF
220 (9)	25 (55)	27 (7,1)	CW
250 (10)	27 (60)	32 (8,5)	AF
250 (10)	27 (60)	32 (8,5)	CW
300 (12)	29 (64)	38 (10,0)	AF
300 (12)	29 (64)	38 (10,0)	CW
350 (14)	33 (73)	46 (12,2)	AF
350 (14)	33 (73)	46 (12,2)	CW

OPTIONAL




		
DC teeth	DTE teeth	CW reversible version

BN60 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	 
220 (9)	31 (68)	38 (10,0)	AF
220 (9)	31 (68)	38 (10,0)	CW
250 (10)	33 (73)	45 (11,9)	AF
250 (10)	33 (73)	45 (11,9)	CW
300 (12)	36 (79)	53 (14,0)	AF
300 (12)	36 (79)	53 (14,0)	CW
350 (14)	40 (88)	65 (17,2)	AF
350 (14)	40 (88)	65 (17,2)	CW
400 (16)	44 (97)	77 (20,3)	AF
400 (16)	44 (97)	77 (20,3)	CW

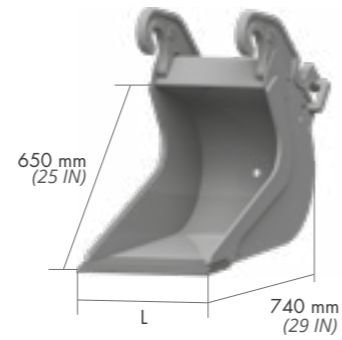
OPTIONAL

		
DC teeth	DTE teeth	CW reversible version

* weight of the tank excluding attachment

* weight of the tank excluding attachment

BN66 MACHINE WEIGHT 4,0 - 6,0 t (8818 - 13228 lb)

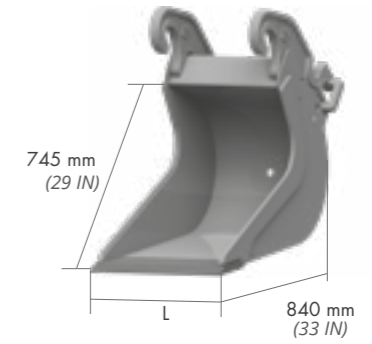
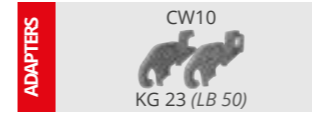


L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
220 (9)	39 (86)	42 (11,1)	AF
220 (9)	39 (86)	42 (11,1)	CW
250 (10)	42 (93)	50 (13,2)	AF
250 (10)	42 (93)	50 (13,2)	CW
300 (12)	48 (106)	77 (20,3)	AF
300 (12)	48 (106)	77 (20,3)	CW
350 (14)	51 (112)	83 (21,9)	AF
350 (14)	51 (112)	83 (21,9)	CW
400 (16)	56 (123)	92 (24,3)	AF
400 (16)	56 (123)	92 (24,3)	CW

OPTIONAL

4	4	5
DC teeth	DTE teeth	CW reversible version

BN75 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

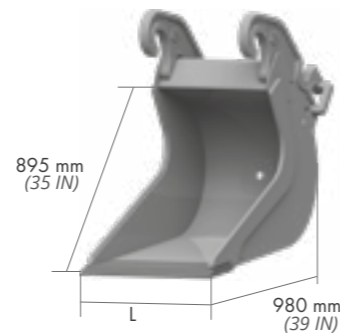


L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
250 (10)	67 (148)	59 (15,6)	AF
250 (10)	67 (148)	59 (15,6)	CW
300 (12)	71 (157)	74 (19,5)	AF
300 (12)	71 (157)	74 (19,5)	CW
350 (14)	73 (161)	91 (24,0)	AF
350 (14)	73 (161)	91 (24,0)	CW
400 (16)	74 (163)	106 (28,0)	AF
400 (16)	74 (163)	106 (28,0)	CW

OPTIONAL

4	4	5
DC teeth	DTE teeth	CW reversible version

BN90 MACHINE WEIGHT 7,5 - 12,0 t (16535 - 26455 lb)



L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
300 (12)	90 (198)	78 (20,6)	AF
300 (12)	90 (198)	78 (20,6)	CW
350 (14)	96 (212)	100 (26,4)	AF
350 (14)	96 (212)	100 (26,4)	CW
400 (16)	100 (220)	123 (32,5)	AF
400 (16)	100 (220)	123 (32,5)	CW
450 (18)	106 (234)	146 (38,6)	AF
450 (18)	106 (234)	146 (38,6)	CW
500 (20)	115 (254)	171 (45,2)	AF
500 (20)	115 (254)	171 (45,2)	CW

OPTIONAL

4	4	5
DC teeth	DTE teeth	CW reversible version

* weight of the tank excluding attachment

* weight of the tank excluding attachment

** no AR for 10-12 tons



HB400



ITS ELONGATED SHAPE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY MATERIALS. THE GRID BOTTOM IS THE IDEAL DEVICE BOTH TO WORK ON PARTICULARLY WET GROUNDS AND TO SORT AND RECYCLE AGGREGATE MATERIALS. THE HOLLAND BUCKET IS EQUIPPED WITH HB400 BLADE.

STANDARD TECHNICAL FEATURES

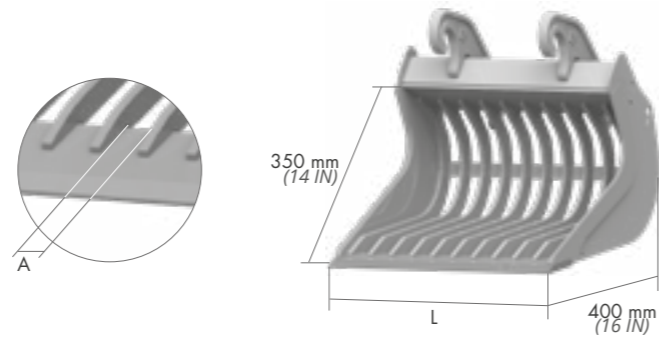
- 1 **ELONGATED PROFILE**
- 2 **HB400 BLADE**

OPTIONAL

- 3 **DC TEETH OR DTE TEETH**
- 4 **CW REVERSIBLE VERSION**
THIS ADAPTER MAKES THE BUCKET REVERSIBLE.

MOD.	VN35	VN41	VN52	VN60	VN66	VN75	VN85
Tons (lb)	0,6 - 1,2 (1323 - 2646)	1,2 - 1,8 (2646 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26455)

VN35 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

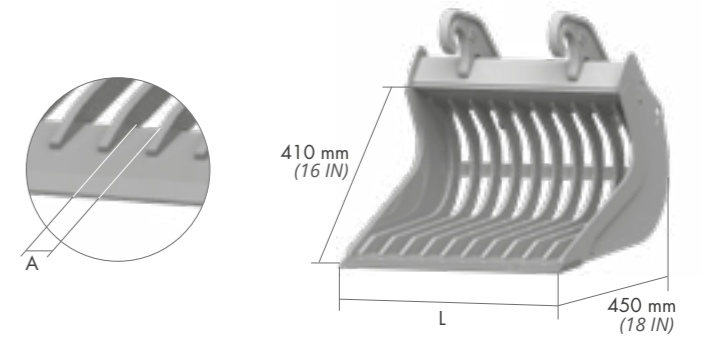


L mm (in)	A mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
400 (16)	53 (2,1)	24 (53)	32 (8,5)	AF
400 (16)	53 (2,1)	24 (53)	32 (8,5)	CW
500 (20)	50 (2,0)	29 (64)	42 (11,1)	AF
500 (20)	50 (2,0)	29 (64)	42 (11,1)	CW
600 (24)	49 (1,9)	33 (73)	52 (13,7)	AF
600 (24)	49 (1,9)	33 (73)	52 (13,7)	CW

OPTIONAL

4	4	5
DC teeth	DTE teeth	CW reversible version

VN41 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)

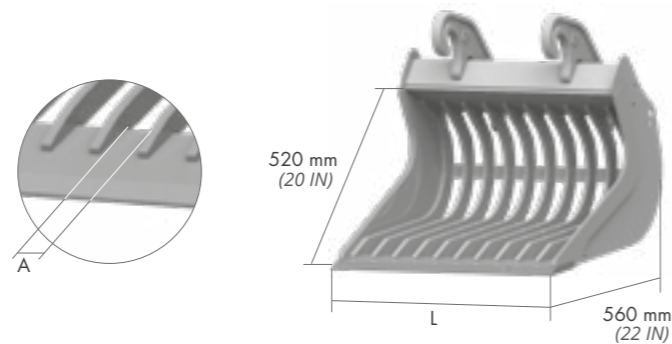


L mm (in)	A mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
400 (16)	53 (2,1)	29 (64)	42 (11,1)	AF
400 (16)	53 (2,1)	29 (64)	42 (11,1)	CW
500 (20)	50 (2,0)	34 (75)	55 (14,5)	AF
500 (20)	50 (2,0)	34 (75)	55 (14,5)	CW
600 (24)	49 (1,9)	39 (86)	67 (17,7)	AF
600 (24)	49 (1,9)	39 (86)	67 (17,7)	CW
700 (28)	52 (2,0)	44 (97)	80 (21,1)	AF
700 (28)	52 (2,0)	44 (97)	80 (21,1)	CW

OPTIONAL

4	4	5
DC teeth	DTE teeth	CW reversible version

VN52 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

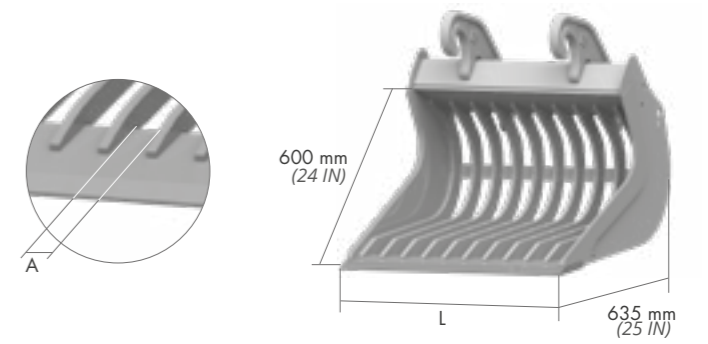


L mm (in)	A mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
500 (20)	56 (2,2)	44 (97)	77 (20,3)	AF
500 (20)	56 (2,2)	44 (97)	77 (20,3)	CW
600 (24)	52 (2,0)	50 (110)	96 (25,4)	AF
600 (24)	52 (2,0)	50 (110)	96 (25,4)	CW
700 (28)	56 (2,2)	58 (128)	115 (30,4)	AF
700 (28)	56 (2,2)	58 (128)	115 (30,4)	CW
800 (31)	53 (2,1)	64 (141)	135 (35,7)	AF
800 (31)	53 (2,1)	64 (141)	135 (35,7)	CW

OPTIONAL

4	4	5
DC teeth	DTE teeth	CW reversible version

VN60 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



L mm (in)	A mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
500 (20)	56 (2,2)	61 (134)	106 (28,0)	AF
500 (20)	56 (2,2)	61 (134)	106 (28,0)	CW
600 (24)	52 (2,0)	70 (154)	132 (34,9)	AF
600 (24)	52 (2,0)	70 (154)	132 (34,9)	CW
700 (28)	50 (2,0)	81 (179)	159 (42,0)	AF
700 (28)	50 (2,0)	81 (179)	159 (42,0)	CW
800 (31)	53 (2,1)	89 (196)	186 (49,1)	AF
800 (31)	53 (2,1)	89 (196)	186 (49,1)	CW
900 (35)	56 (2,2)	98 (216)	212 (56,0)	AF
900 (35)	56 (2,2)	98 (216)	212 (56,0)	CW
1000 (39)	59 (2,3)	109 (240)	239 (63,1)	AF
1000 (39)	59 (2,3)	109 (240)	239 (63,1)	CW

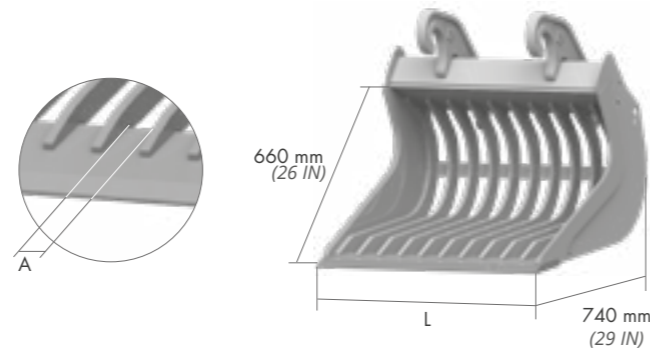
OPTIONAL

4	4	5
DC teeth	DTE teeth	CW reversible version

* weight of the tank excluding attachment

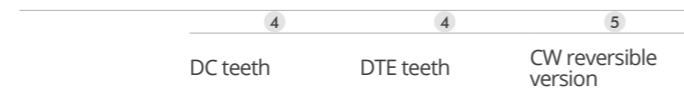
* weight of the tank excluding attachment

VN66 MACHINE WEIGHT 4,0 - 6,0 t (8818 - 13228 lb)

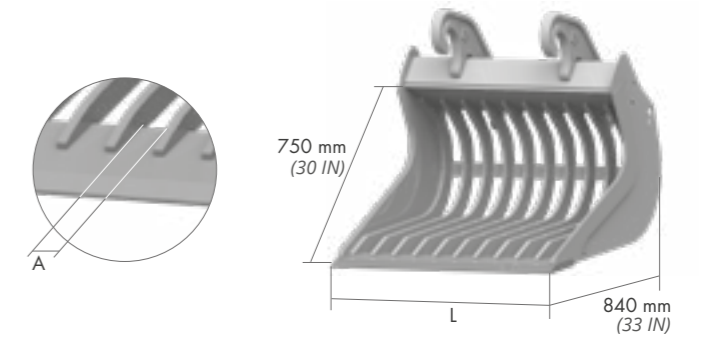


L mm (in)	A mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
600 (24)	49 (1,9)	87 (192)	87 (192)	AF
600 (24)	49 (1,9)	87 (192)	87 (192)	CW
700 (28)	53 (2,1)	97 (214)	185 (48,9)	AF
700 (28)	53 (2,1)	97 (214)	185 (48,9)	CW
800 (31)	56 (2,2)	107 (236)	217 (57,3)	AF
800 (31)	56 (2,2)	107 (236)	217 (57,3)	CW
900 (35)	59 (2,3)	116 (256)	250 (66,0)	AF
900 (35)	59 (2,3)	116 (256)	250 (66,0)	CW
1000 (39)	61 (2,4)	129 (284)	282 (74,5)	AF
1000 (39)	61 (2,4)	129 (284)	282 (74,5)	CW

OPTIONAL



VN75 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

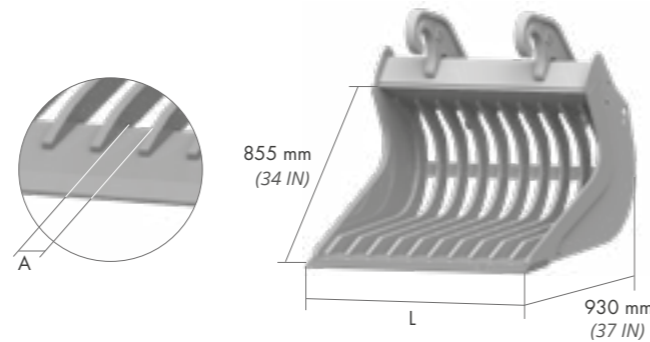


L mm (in)	A mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
600 (24)	55 (2,2)	110 (243)	183 (48,3)	AF
600 (24)	55 (2,2)	110 (243)	183 (48,3)	CW
700 (28)	59 (2,3)	123 (271)	222 (58,6)	AF
700 (28)	59 (2,3)	123 (271)	222 (58,6)	CW
800 (31)	55 (2,2)	140 (309)	262 (69,2)	AF
800 (31)	55 (2,2)	140 (309)	262 (69,2)	CW
900 (35)	52 (2,0)	153 (337)	302 (79,8)	AF
900 (35)	52 (2,0)	153 (337)	302 (79,8)	CW
1000 (39)	55 (2,2)	166 (366)	343 (90,6)	AF
1000 (39)	55 (2,2)	166 (366)	343 (90,6)	CW
1100 (43)	57 (2,2)	183 (403)	383 (101,2)	AF
1100 (43)	57 (2,2)	183 (403)	383 (101,2)	CW

OPTIONAL

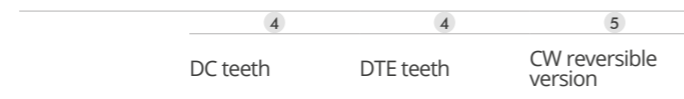


VN85 MACHINE WEIGHT 7,5 - 12,0 t (16535 - 26455 lb)



L mm (in)	A mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
800 (31)	55 (2,2)	159 (351)	331 (87,4)	AF
800 (31)	55 (2,2)	159 (351)	331 (87,4)	CW
900 (35)	53 (2,1)	172 (379)	384 (101,4)	AF
900 (35)	53 (2,1)	172 (379)	384 (101,4)	CW
1000 (39)	55 (2,2)	186 (410)	437 (115,4)	AF
1000 (39)	55 (2,2)	186 (410)	437 (115,4)	CW
1100 (43)	57 (2,2)	204 (450)	490 (129,4)	AF
1100 (43)	57 (2,2)	204 (450)	490 (129,4)	CW
1200 (47)	55 (2,2)	217 (478)	542 (143,2)	AF
1200 (47)	55 (2,2)	217 (478)	542 (143,2)	CW
1300 (51)	57 (2,2)	231 (509)	595 (157,2)	AF
1300 (51)	57 (2,2)	231 (509)	595 (157,2)	CW

OPTIONAL

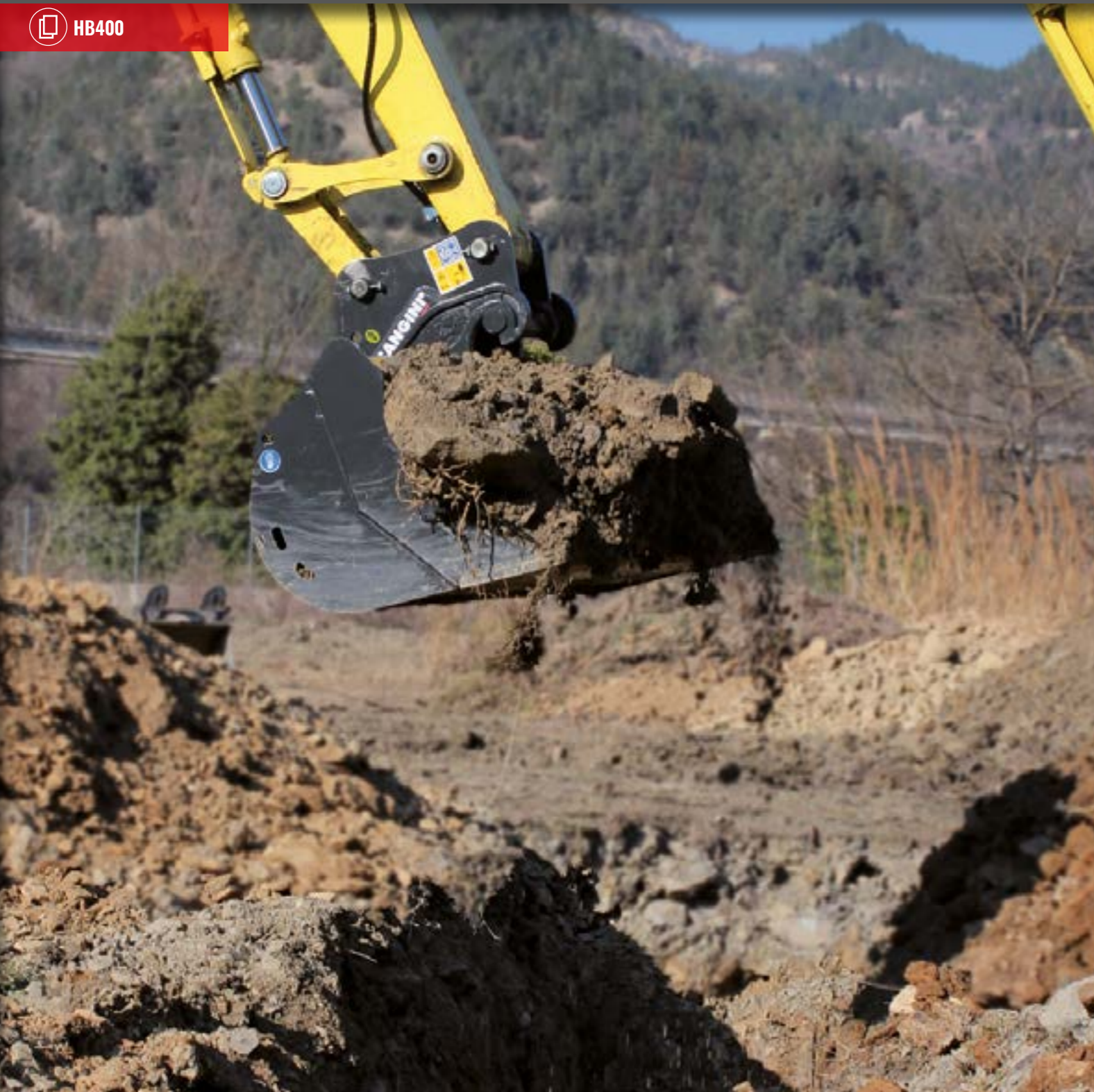


* weight of the tank excluding attachment

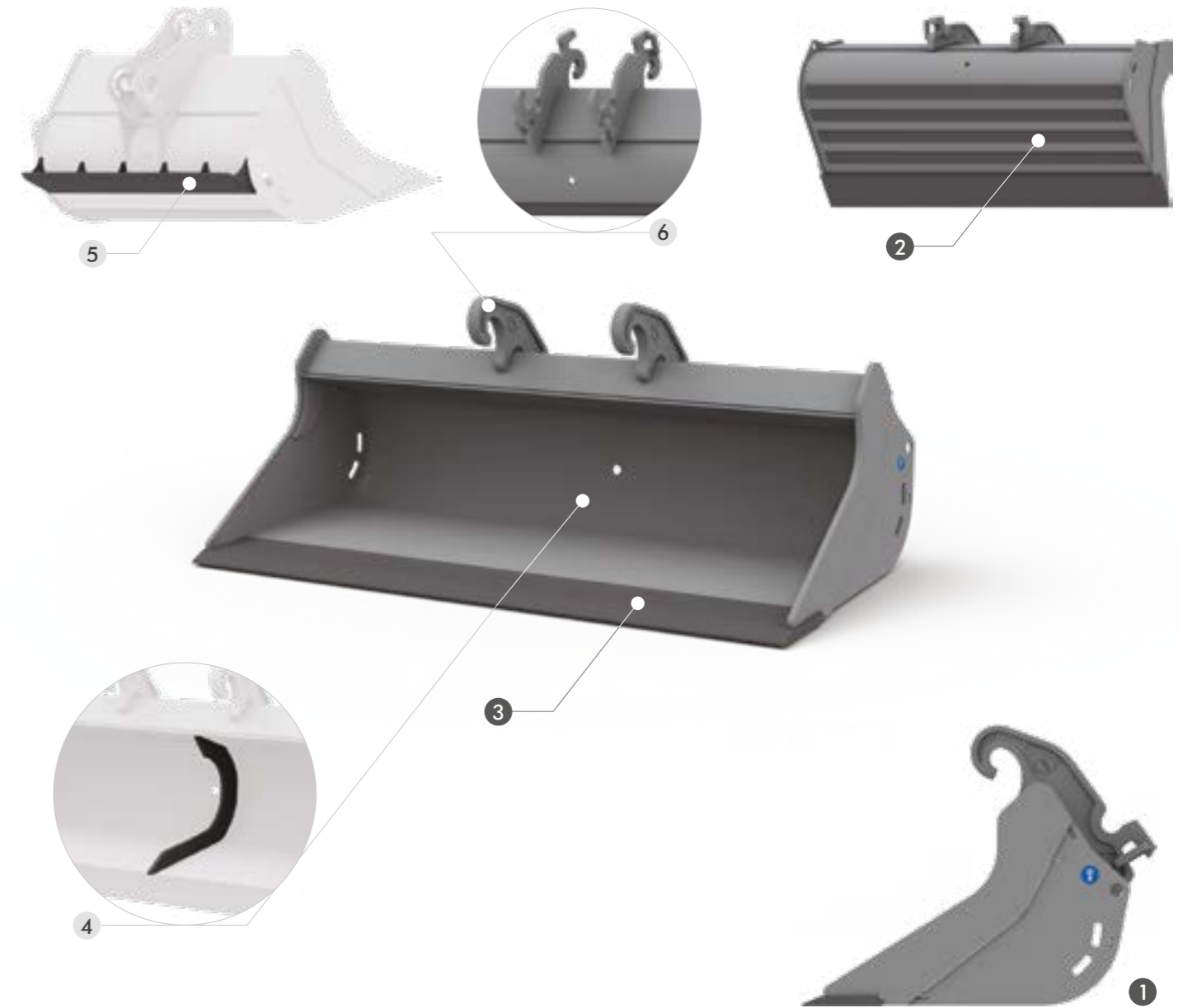
* weight of the tank excluding attachment



HB400



ITS ELONGATED PROFILE SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. USED TO CLEAN AND LEVEL STREETS, DITCHES AND DIKES. THE HOLLAND BUCKET IS EQUIPPED WITH HB400 BLADE.



STANDARD TECHNICAL FEATURES

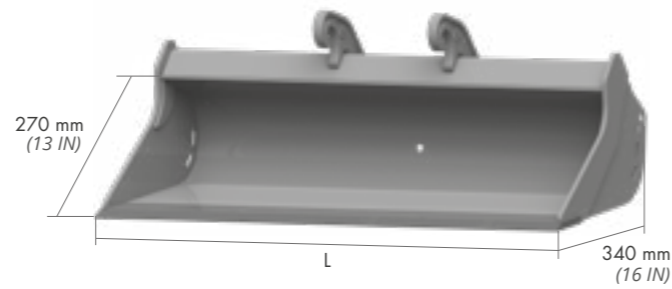
- 1 ELONGATED PROFILE**
- 2 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 BLADE**

OPTIONAL

- 4 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE TO BUCKETS WHOSE FRAME IS 1400 MM (55 IN) WIDE OR MORE.
- 5 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 6 CW REVERSIBLE VERSION**
THIS ADAPTER MAKES THE BUCKET REVERSIBLE.

MOD.	SPN28	SPN35	SPN41	SPN44	SPN50	SPN55	SPN66
Tons (lb)	0,6 - 1,2 (1323 - 2646)	1,2 - 1,8 (2646 - 3968)	1,8 - 2,5 (3968 - 5512)	2,5 - 4,0 (5512 - 8818)	4,0 - 6,0 (8818 - 13228)	6,0 - 7,5 (13228 - 16535)	7,5 - 12,0 (16535 - 26455)

SPN28 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)

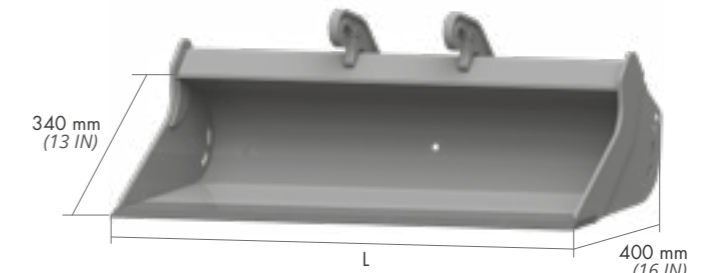


OPTIONAL

5	6
Rear razor	CW reversible

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
600 (24)	27 (60)	35 (9,2)	AF
600 (24)	27 (60)	35 (9,2)	CW
700 (28)	31 (68)	41 (10,8)	AF
700 (28)	31 (68)	41 (10,8)	CW
800 (31)	35 (77)	47 (12,4)	AF
800 (31)	35 (77)	47 (12,4)	CW

SPN35 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)

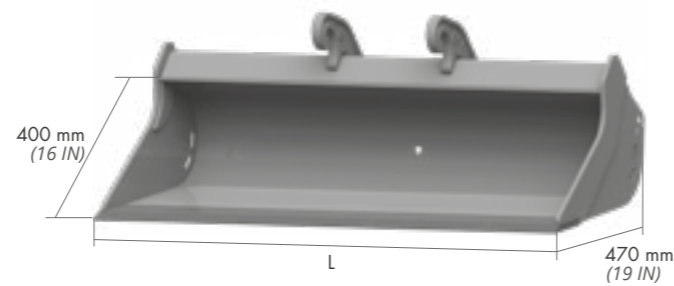
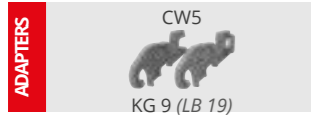


OPTIONAL

5	6
Rear razor	CW reversible

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
800 (31)	43 (95)	77 (20,3)	AF
800 (31)	43 (95)	77 (20,3)	CW
900 (35)	48 (106)	89 (23,5)	AF
900 (35)	48 (106)	89 (23,5)	CW
1000 (39)	53 (117)	99 (26,2)	AF
1000 (39)	53 (117)	99 (26,2)	CW

SPN41 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)

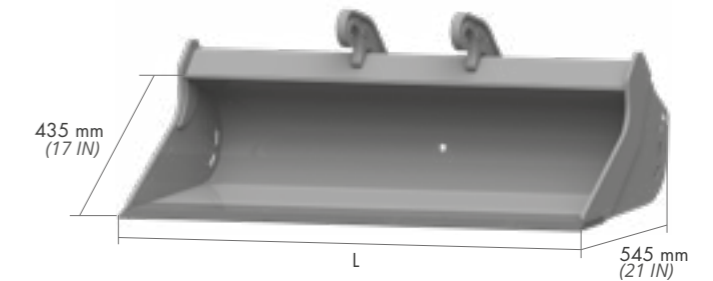


OPTIONAL

5	6
Rear razor	CW reversible

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
900 (35)	65 (143)	95 (25,1)	AF
900 (35)	65 (143)	95 (25,1)	CW
1000 (39)	72 (159)	107 (28,3)	AF
1000 (39)	72 (159)	107 (28,3)	CW
1100 (43)	78 (172)	119 (31,4)	AF
1100 (43)	78 (172)	119 (31,4)	CW
1200 (47)	85 (187)	131 (34,6)	AF
1200 (47)	85 (187)	131 (34,6)	CW

SPN44 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)



OPTIONAL

5	6
Rear razor	CW reversible

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
1000 (39)	93 (205)	149 (39,4)	AF
1000 (39)	93 (205)	149 (39,4)	CW
1100 (43)	101 (223)	166 (43,9)	AF
1100 (43)	101 (223)	166 (43,9)	CW
1200 (47)	109 (240)	184 (48,6)	AF
1200 (47)	109 (240)	184 (48,6)	CW

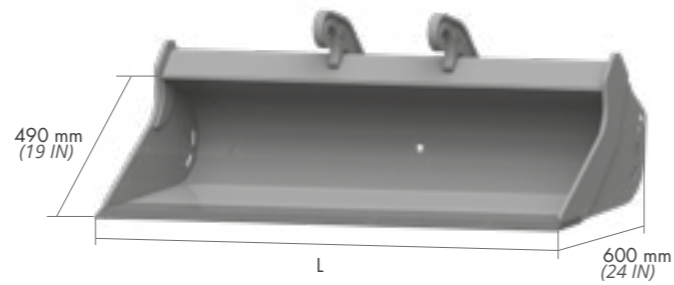
* weight of the tank excluding attachment



* weight of the tank excluding attachment

SPN50 MACHINE WEIGHT 4,0 - 6,0 t (8818 - 13228 lb)

ADAPTERS

CW10
KG 23 (LB 50)



L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	 
1000 (39)	105 (231)	192 (50,7)	AF
1000 (39)	105 (231)	192 (50,7)	CW
1100 (43)	115 (254)	215 (56,8)	AF
1100 (43)	115 (254)	215 (56,8)	CW
1200 (47)	124 (273)	238 (62,9)	AF
1200 (47)	124 (273)	238 (62,9)	CW
1300 (51)	134 (295)	261 (68,9)	AF
1300 (51)	134 (295)	261 (68,9)	CW
1400 (55)	143 (315)	284 (75,0)	AF
1400 (55)	143 (315)	284 (75,0)	CW

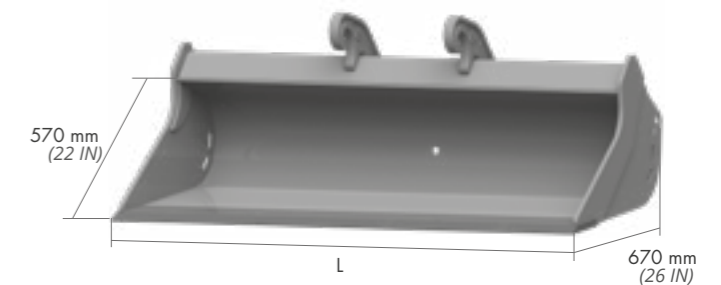
OPTIONAL



4	5	6
Bezel	Rear razor	CW reversible

SPN55 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

ADAPTERS

CW10
KG 23 (LB 50)



L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	 
1200 (47)	164 (362)	283 (78,4)	AF
1200 (47)	164 (362)	283 (78,4)	CW
1300 (51)	177 (390)	311 (82,2)	AF
1300 (51)	177 (390)	311 (82,2)	CW
1400 (55)	189 (417)	341 (90,1)	AF
1400 (55)	189 (417)	341 (90,1)	CW
1500 (59)	202 (445)	368 (97,2)	AF
1500 (59)	202 (445)	368 (97,2)	CW
1600 (63)	214 (472)	396 (104,6)	AF
1600 (63)	214 (472)	396 (104,6)	CW

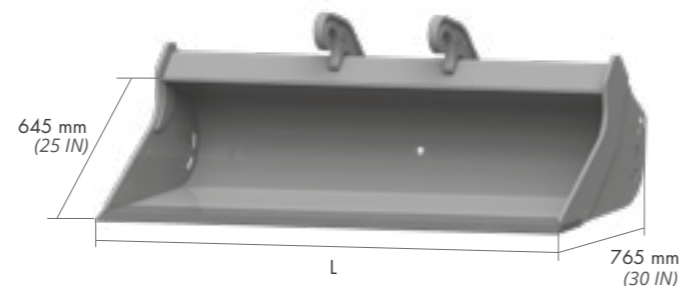
OPTIONAL



4	5	6
Bezel	Rear razor	CW reversible

SPN66 MACHINE WEIGHT 7,5 - 12,0 t (16535 - 26455 lb)

ADAPTERS

CW10
KG 23 (LB 50)



L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	 
1400 (55)	231 (509)	459 (121,3)	AF
1400 (55)	231 (509)	459 (121,3)	CW
1500 (59)	246 (542)	498 (131,6)	AF
1500 (59)	246 (542)	498 (131,6)	CW
1600 (63)	261 (575)	537 (141,9)	AF
1600 (63)	261 (575)	537 (141,9)	CW
1700 (67)	276 (608)	575 (151,9)	AF
1700 (67)	276 (608)	575 (151,9)	CW
1800 (71)	291 (642)	614 (162,2)	AF
1800 (71)	291 (642)	614 (162,2)	CW

OPTIONAL

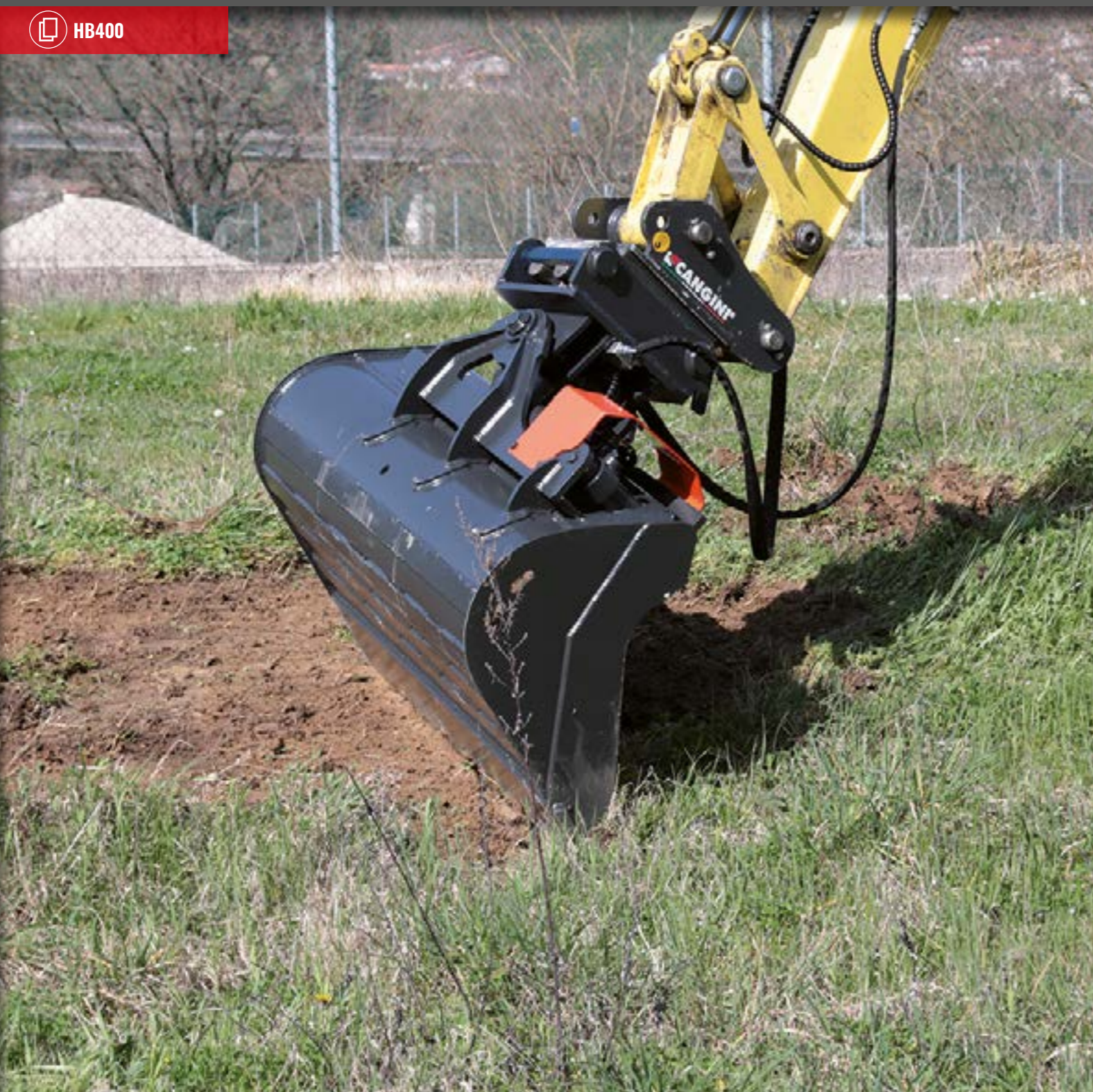
4	5	6
Bezel	Rear razor	CW reversible

* weight of the tank excluding attachment

* weight of the tank excluding attachment



HB400



STANDARD TECHNICAL FEATURES

- 1 ELONGATED PROFILE**
- 2 HB400 REINFORCING STRIPS**
THE HORIZONTAL REINFORCING STRIPS ON THE BUCKET'S REAR AND BOTTOM PROTECT THE BUCKET FROM WEAR AND INCREASE ITS RESISTANCE.
- 3 HB400 BLADE**
- 4 BLOCK VALVE**
IT ALLOWS TO KEEP THE BUCKET POSITIONING DURING THE WORKING PHASE.

OPTIONAL

- 5 BEZEL**
IT ENSURES A HIGHER STRUCTURAL RESISTANCE TO BUCKETS WHOSE FRAME IS 1400 MM (55 IN) WIDE OR MORE.
- 6 REAR RAZOR**
WHEN THE MACHINE'S ARM IS KEPT CLOSED, IT ALLOWS TO FINISH SURFACES EVENLY.
- 7 CW REVERSIBLE VERSION**
THIS ADAPTER MAKES THE BUCKET REVERSIBLE.
- 8 PIPE KIT**
OPTIONAL KIT INSTALLED ON THE BUCKET FOR THE FEEDING OF THE HYDRAULIC CYLINDER. IT ALLOWS THE USE OF TWO OUTLETS ON THE RIGHT AND TWO OUTLETS ON THE LEFT FOR THE HYDRAULIC CONNECTION TO THE MACHINE REDUCING THE INSTALLATION TIMES. THE CONNECTING PIPES ARE NOT SUPPLIED.

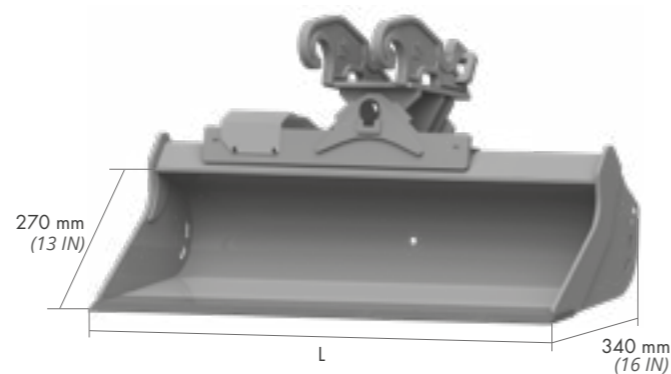
PARTICULARLY SUITABLE FOR FINISHING AND LEVELLING WORKS. ITS TILTING SYSTEM ENABLES TO TILT IT BY 45° ON BOTH SIDES. THE STANDARD SAFETY BLOCK VALVE ENABLES TO KEEP THE ANGLE. ITS ELONGATED SHAPE AVOIDS THAT THE GROUND STICKS TO THE BUCKET'S SIDE WALLS AND SIMPLIFIES THE DISCHARGE OF LOAMY AND WET MATERIALS. USED MAINLY TO CLEAN AND LEVEL STREETS, DITCHES AND DIKES. THE HOLLAND BUCKET IS EQUIPPED WITH HB400 BLADE.

MOD.	SQN28	SQN35	SQN41	SQN44	SQN50	VN55	VN66
Tons (lb)	1,0 - 1,8 (2204 - 3968)	1,5 - 2,5 (3306 - 5511)	2,2 - 3,5 (4850 - 7716)	3,2 - 4,5 (7054 - 9920)	4,2 - 6,0 (9259 - 13228)	6,2 - 7,5 (13668 - 16535)	7,5 - 12,0 (16535 - 26455)

SQN28 MACHINE WEIGHT 0,6 - 1,2 t (1323 - 2646 lb)


ADAPTERS

CW5
KG 9 (LB 19)



OPTIONAL

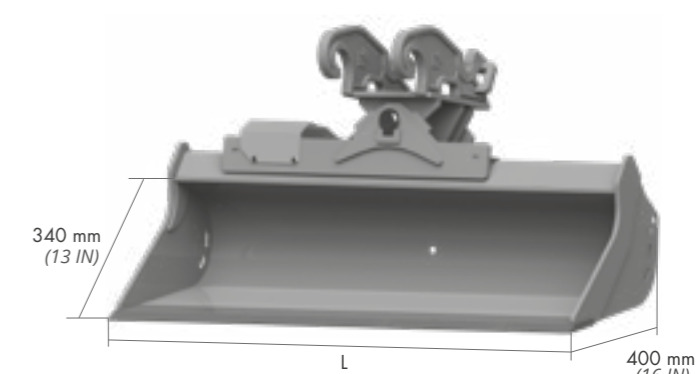
6	7	8
Rear razor	CW reversible	Pipe kit

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
800 (31)	67 (147)	47 (12,4)	AF
800 (31)	67 (147)	47 (12,4)	CW

SQN35 MACHINE WEIGHT 1,2 - 1,8 t (2646 - 3968 lb)


ADAPTERS

CW5
KG 9 (LB 19)



OPTIONAL

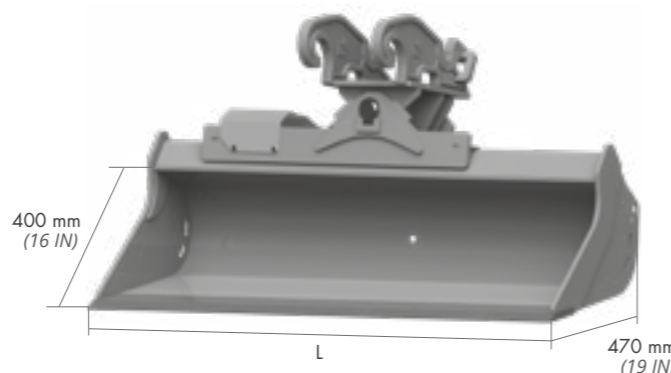
6	7	8
Rear razor	CW reversible	Pipe kit

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
800 (31)	71 (157)	77 (20,3)	AF
800 (31)	71 (157)	77 (20,3)	CW
900 (35)	76 (168)	89 (23,5)	AF
900 (35)	76 (168)	89 (23,5)	CW
1000 (39)	81 (179)	99 (26,2)	AF
1000 (39)	81 (179)	99 (26,2)	CW

SQN41 MACHINE WEIGHT 1,8 - 2,5 t (3968 - 5512 lb)


ADAPTERS

CW5
KG 9 (LB 19)



OPTIONAL

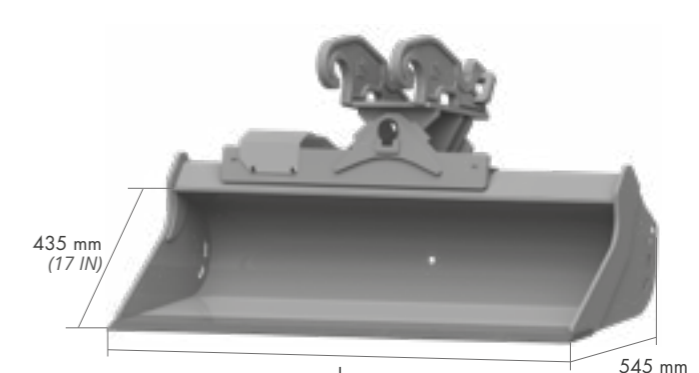
5	6	7	8
Bezel	Rear razor	CW reversible	Pipe kit

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
1000 (39)	132 (291)	107 (28,3)	AF
1000 (39)	132 (291)	107 (28,3)	CW
1100 (43)	139 (306)	119 (31,4)	AF
1100 (43)	139 (306)	119 (31,4)	CW
1200 (47)	145 (320)	131 (34,6)	AF
1200 (47)	145 (320)	131 (34,6)	CW

SQN44 MACHINE WEIGHT 2,5 - 4,0 t (5512 - 8818 lb)


ADAPTERS

CW5
KG 9 (LB 19)



OPTIONAL

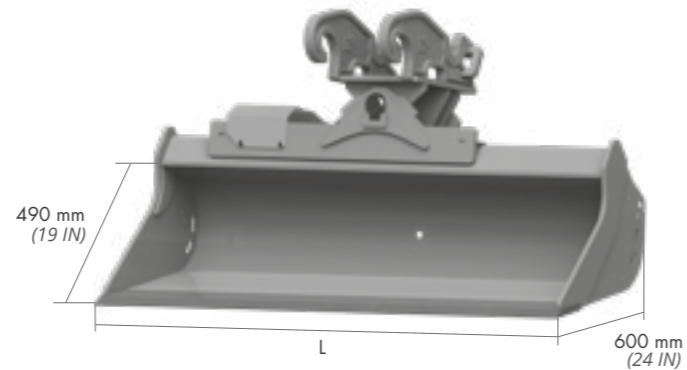
5	6	7	8
Bezel	Rear razor	CW reversible	Pipe kit

L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
1000 (39)	154 (340)	149 (39,4)	AF
1000 (39)	154 (340)	149 (39,4)	CW
1100 (43)	162 (357)	166 (43,9)	AF
1100 (43)	162 (357)	166 (43,9)	CW
1200 (47)	171 (377)	184 (48,6)	AF
1200 (47)	171 (377)	184 (48,6)	CW

* weight of the tank excluding attachment

* weight of the tank excluding attachment

SQN50 MACHINE WEIGHT 4,0 - 6,0 t (8818 - 13228 lb)

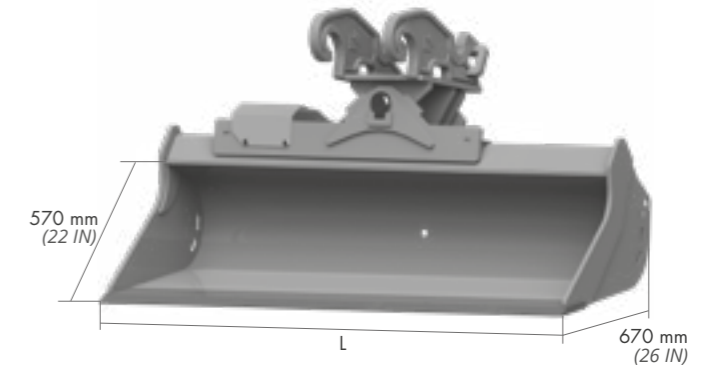


L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
1000 (39)	166 (366)	192 (50,7)	AF
1000 (39)	166 (366)	192 (50,7)	CW
1100 (43)	176 (388)	215 (56,8)	AF
1100 (43)	176 (388)	215 (56,8)	CW
1200 (47)	185 (408)	238 (62,9)	AF
1200 (47)	185 (408)	238 (62,9)	CW
1300 (51)	195 (430)	261 (68,9)	AF
1300 (51)	195 (430)	261 (68,9)	CW
1400 (55)	204 (450)	284 (75,0)	AF
1400 (55)	204 (450)	284 (75,0)	CW

OPTIONAL

5	6	7	8
Bezel	Rear razor	CW reversible	Pipe kit

SQN55 MACHINE WEIGHT 6,0 - 7,5 t (13228 - 16535 lb)

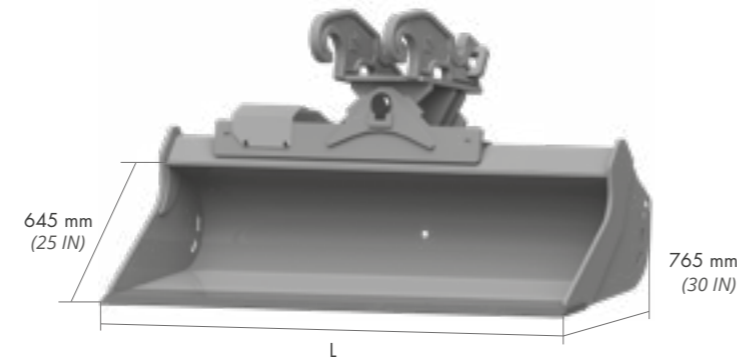


L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
1200 (47)	272 (600)	283 (78,4)	AF
1200 (47)	272 (600)	283 (78,4)	CW
1300 (51)	285 (628)	311 (82,2)	AF
1300 (51)	285 (628)	311 (82,2)	CW
1400 (55)	297 (655)	341 (90,1)	AF
1400 (55)	297 (655)	341 (90,1)	CW
1500 (59)	309 (681)	368 (97,2)	AF
1500 (59)	309 (681)	368 (97,2)	CW
1600 (63)	322 (710)	396 (104,6)	AF
1600 (63)	322 (710)	396 (104,6)	CW

OPTIONAL

5	6	7	8
Bezel	Rear razor	CW reversible	Pipe kit

SQN66 MACHINE WEIGHT 7,5 - 12,0 t (16535 - 26455 lb)



L mm (in)	WEIGHT Kg* (lb*)	CAP. SAE l (gal)	
1400 (55)	337 (743)	459 (121,3)	AF
1400 (55)	337 (743)	459 (121,3)	CW
1500 (59)	352 (776)	498 (131,6)	AF
1500 (59)	352 (776)	498 (131,6)	CW
1600 (63)	367 (809)	537 (141,9)	AF
1600 (63)	367 (809)	537 (141,9)	CW
1700 (67)	382 (842)	575 (151,9)	AF
1700 (67)	382 (842)	575 (151,9)	CW
1800 (71)	398 (877)	614 (162,2)	AF
1800 (71)	398 (877)	614 (162,2)	CW

OPTIONAL

5	6	7	8
Bezel	Rear razor	CW reversible	Pipe kit

* weight of the tank excluding attachment

* weight of the tank excluding attachment

GENERAL SALES CONDITIONS AND WARRANTY CONDITIONS

THESE GENERAL CONDITIONS OF SALE ARE BINDING AND CONSTITUTE AN INTEGRAL PART OF CONTRACTS SIGNED BY THE SELLER AND THE BUYER FOR THE SUPPLY OF THE SELLER'S PRODUCTS (THE "PRODUCTS").

THE CONDITIONS OF SALE APPLY TO ALL TRANSACTIONS CONCLUDED BETWEEN THE SELLER AND THE BUYER WITH NO NEED FOR SPECIFIC REFERENCE TO THEM OR A SPECIFIC AGREEMENT COVERING THEM ON THE FINALISATION OF EVERY SINGLE TRANSACTION; ANY CONDITION OR TERM AT VARIANCE WITH THEM WILL ONLY BE APPLIED IF CONFIRMED BY THE SELLER IN WRITING.

THE SELLER RESERVES THE RIGHT TO AMEND AND SUPPLEMENT OR VARY THE GENERAL TERMS AND CONDITIONS OF SALE BY ANNEXING ANY SUCH CHANGES TO ITS OFFERS OR ANY WRITTEN CORRESPONDENCE DISPATCHED TO THE BUYER.

OFFERS AND ORDERS

THE SELLER'S OFFERS ARE NOT BINDING, IN PARTICULAR WITH REGARD TO QUANTITY, PRICES AND DELIVERY TERMS.

ORDERS MADE BY THE BUYER ARE NOT CONSIDERED ACCEPTED UNTIL CONFIRMED IN WRITING BY THE SELLER; THE BUYER MAY AMEND AND/OR CANCEL THE ORDER WITHIN 24 HOURS AFTER ITS RECEIPT, AS SPECIFICALLY STATED IN THE ORDER CONFIRMATION.

ORDERS AND/OR REQUESTS FOR AMENDMENTS TO ORDERS MADE VERBALLY OR BY TELEPHONE MUST BE CONFIRMED BY THE BUYER IN WRITING; OTHERWISE, THE SELLER ACCEPTS NO LIABILITY WITH REGARDS TO ANY POSSIBLE ERRORS OR MISUNDERSTANDINGS.

PRICES AND PAYMENT TERMS

UNLESS OTHERWISE STATED IN THE ORDER CONFIRMATION, THE PRICE OF THE PRODUCTS IS THAT STATED IN THE 25.1.3 PRICE LIST IN FORCE AS OF THE DATE OF THE ORDER. PRICES OF THE PRODUCTS DO NOT INCLUDE VAT, WHICH SHALL BE PAYABLE ON DELIVERY OR IN ACCORDANCE WITH THE SPECIFIC INSTRUCTIONS PROVIDED IN THE INVOICE.

TAXES, DUTIES, SHIPPING, INSURANCE AND AFTER-SALES SERVICE ARE NOT INCLUDED IN PRICES UNLESS QUOTED SEPARATELY.

IN CASE OF LATE PAYMENT OR FAILURE TO PAY WITHIN THE AGREED TERMS, THE SELLER MAY CHARGE INTEREST FOR ARREARS, WHILE RETAINING THE RIGHT TO COMPENSATION FOR ANY OTHER DAMAGE INCURRED, AND MAY SUSPEND AND/OR CANCEL FURTHER DELIVERIES AND DEMAND IMMEDIATE PAYMENT OF THE SUMS DUE. THE PARTIES HEREBY AGREE THAT IN CASE OF DISPUTES BETWEEN THEM CONCERNING THIS CONTRACT, THE BUYER MAY NOT DELAY AND/OR SUSPEND PAYMENTS FOR THE ORDERS EXECUTED, ON ANY GROUNDS.

IN CASE OF CHANGES TO THE BUYER'S ECONOMIC STATUS, THE SELLER MAY DEMAND IMMEDIATE PAYMENT, IMPLEMENT THE ACCELERATION CLAUSE AND CHANGE THE PAYMENT TERMS, ALSO REQUIRING TOTAL OR PARTIAL PAYMENT IN ADVANCE BEFORE SHIPMENT.

IN ALL CASES THE BUYER SHALL NOT BE ENTITLED TO MAKE DEDUCTIONS OR WITHHOLD SUMS FROM, OR TO REDUCE, THE PRICE AND/OR THE SUMS DUE TO THE SELLER FOR ANY REASON, WITHOUT THE SELLER'S SPECIFIC WRITTEN CONSENT.

DELIVERY TERMS

UNLESS OTHERWISE AGREED IN WRITING, NO DELIVERY TERM IS BINDING ON THE SELLER; UNLESS OTHERWISE AGREED BETWEEN THE PARTIES, THE GUIDELINE DELIVERY TERM IS THAT STATED IN THE ORDER CONFIRMATION. THE DELIVERY TERMS AND PROCEDURES FOR PRODUCTS AND/OR SPARE PARTS ARE THOSE STATED BY THE SELLER IN THE ORDER CONFIRMATION; THE SELLER HAS NO RESPONSIBILITY FOR DELAYS DUE TO CHANCE CIRCUMSTANCES, FORCE MAJEURE OR THE ACTIONS OF THIRD PARTIES OR PUBLIC AUTHORITIES, OR DUE TO CAUSES LINKED TO THE BUYER, AS SPECIFICALLY SET FORTH BY ART. 1341 OF THE ITALIAN CIVIL CODE.

THE SELLER IS NOT OBLIGED TO ACCEPT RETURNS OF THE PRODUCTS UNLESS SPECIFICALLY AGREED IN WRITING. ANY COSTS INCURRED FOR THIS PURPOSE ARE PAYABLE BY THE BUYER.

WARRANTY CONDITIONS

A) THE SELLER GUARANTEES THAT THE PRODUCTS AND/OR SPARE PARTS ARE FREE FROM DEFECTS AND THAT THEY COMPLY WITH THE TECHNICAL SPECIFICATIONS DECLARED IN THE PRODUCT TECHNICAL MANUALS AND THE DOCUMENTATION SUPPLIED TO THE BUYER.

B) THE WARRANTY IS VALID FOR 12 MONTHS FROM THE TIME WHEN THE PRODUCT AND/OR SPARE PARTS AND/OR PRODUCT PARTS LEAVE THE SELLER'S PREMISES.

C) THE SELLER IS NOT LIABLE, EVEN WITH REGARD TO DAMAGE TO THIRD PARTIES, FOR MISUSE OF THE PRODUCTS AND/OR SPARE PARTS, OR THEIR USE IN BREACH OF THE PROVISIONS OF THE USE AND MAINTENANCE MANUALS, OR FOR THEIR USE BY UNSKILLED PERSONNEL.

D) IN CASE OF TAMPERING WITH THE PRODUCTS AND/OR SPARE PARTS OR ANY MAINTENANCE AND/OR REPAIR OF THE SAME, OR REPLACEMENT OF PARTS WITHOUT THE SELLER'S WRITTEN AUTHORISATION, THE WARRANTY SHALL BE VOIDED.

E) ON RECEIPT OF THE PRODUCTS AND/OR SPARE PARTS, THE BUYER SHALL INSPECT THEIR PACKAGING AND CHECK THEIR QUANTITY AND THAT THEY COMPLY WITH THE ORDER CONFIRMATION, ENTERING ANY DISCREPANCIES IN THE DELIVERY NOTE.

F) ALL DEFECTS OR NONCONFORMITIES IN PRODUCTS AND/OR SPARE PARTS MUST BE REPORTED TO THE SELLER, IN WRITING, WITHIN 8 DAYS AFTER RECEIPT, ENCLOSING A DETAILED REPORT AND PHOTOGRAPHIC DOCUMENTATION OF THE CLAIMED FAULTS AND A COPY OF THE DELIVERY NOTE CONTAINING THE COMPLAINTS ENTERED IN IT.

G) CATALOGUES, PRICE LISTS AND MARKETING MATERIAL SUPPLIED BY THE SELLER CONTAINING GUIDELINE IMAGES AND DESCRIPTIONS OF THE PRODUCT CANNOT BE USED AS PROOF OF THE PRODUCT'S NONCONFORMITY.

H) AFTER VERIFICATION THAT THE PRODUCT CLAIMED TO BE FAULTY IS ENTITLED TO WARRANTY COVER, CANGINI BENNE SHALL DECIDE NOW TO PROCEED, WHILE GUARANTEEING THAT THE PROBLEM WILL BE RESOLVED IN THE SHORTEST POSSIBLE TIMES.

I) ALL PRODUCTS AND/OR SPARE PARTS, INCLUDING THOSE SENT AS REPLACEMENTS OR PRIOR TO VERIFICATION OF THE WARRANTY COVER, SHALL BE DISPATCHED WITH SALES DELIVERY DOCUMENT AND BILLED TO THE BUYER. AFTER THE APPROPRIATE CHECKS, IF THE REPLACEMENT IS FOUND TO BE WITHIN THE TERMS OF THE WARRANTY, THE SELLER WILL PROCEED TO ISSUE A CREDIT NOTE.

L) THIS WARRANTY DOES NOT COVER ANY DIRECT OR INDIRECT DAMAGE TO THE CUSTOMER OR THIRD PARTIES, DAMAGE FROM LOSS OF EARNINGS, ACCIDENTAL DAMAGE, COMMERCIAL DAMAGE, DELAYS IN WORKS, REPUTATIONAL DAMAGE OR ANY OTHER DAMAGE TO THE BUYER, OR ITS INTERNAL HANDLING COSTS. THE WARRANTY DOES NOT COVER TRAVEL EXPENSES FOR THE DISPATCH OF PRODUCTS AND/OR SPARE PARTS.

M) THE SELLER RESERVES THE RIGHT TO SEND THE BUYER A REPLACEMENT PRODUCT AND/OR SPARE PART FOR THE TIME NECESSARY FOR ANY CHECKS AND REPAIRS.

GENERAL SALES CONDITIONS AND WARRANTY CONDITIONS

LIABILITY LIMITATION

EXCEPT IN CASES OF JUSTIFIED CLAIMS, THE BUYER IS NOT GRANTED ANY FURTHER RIGHTS OR REMEDIES. IN PARTICULAR, THE SELLER IS NOT LIABLE FOR ANY COMPENSATION CLAIMED FOR BREACH OR VIOLATION OF CONTRACT OR FOR ANY DIRECT DAMAGE OR LOSS OF EARNINGS INCURRED BY THE BUYER AS A CONSEQUENCE OF THE USE OF OR FAILURE TO USE PRODUCTS, OR THEIR INSTALLATION IN OTHER PRODUCTS, EXCEPT FOR THE CIRCUMSTANCES COVERED BY THE WARRANTY SET OUT IN THE PREVIOUS POINT, OR IN CASE OF WILFUL MALPRACTICE OR SERIOUS NEGLIGENCE BY THE SELLER.

THE SELLER WILL DO EVERYTHING IN ITS POWER TO DELIVER THE PRODUCTS BY ANY TERM AGREED, BUT UNDER NO CIRCUMSTANCES SHALL IT BE HELD RESPONSIBLE FOR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY DELAY IN THE FULFILMENT OF A CONTRACT OR LATE DELIVERY OF THE PRODUCTS.

THE SELLER'S CATALOGUE, PRICE LIST OR OTHER MARKETING MATERIAL CONSTITUTES ONLY GUIDANCE CONCERNING THE PRODUCTS' TYPE, AND THE PRICES AND INDICATIONS CONTAINED THEREIN ARE NOT BINDING ON THE SELLER. THE SELLER THEREFORE DOES NOT ACCEPT ANY LIABILITY FOR ERRORS OR OMISSIONS IN ITS PRICE LIST OR MARKETING MATERIAL.

INTELLECTUAL PROPERTY RIGHTS OF CANGINI BENNE S.R.L.

THE CUSTOMER SPECIFICALLY RECOGNISES THAT THE BRANDS, COMMERCIAL NAMES OR OTHER DISTINGUISHING MARKS APPLIED TO THE GOODS ARE THE EXCLUSIVE PROPERTY OF CANGINI BENNE S.R.L. AND MAY NOT BE ALTERED, MODIFIED, REMOVED OR ERASED IN ANY WAY. THE CUSTOMER HAS A LIMITED RIGHT TO USE OF THE BRANDS, COMMERCIAL NAMES OR OTHER DISTINGUISHING MARKS, AND OF ANY OTHER RIGHT TO INDUSTRIAL PROPERTY OR PRODUCTION AND COMMERCIAL KNOW-HOW INCORPORATED IN THE GOODS, WHICH CONTINUES TO BE THE EXCLUSIVE PROPERTY OF CANGINI BENNE S.R.L., FOR THE SOLE PURPOSE OF THE RETAIL SALE OF THE GOODS. ANY OTHER USE OF CANGINI BENNE S.R.L.'S INTELLECTUAL PROPERTY BY THE CUSTOMER, IF NOT SPECIFICALLY AUTHORISED BY THE FORMER IN WRITING, SHALL CONSTITUTE A VIOLATION ON THE PART OF THE CUSTOMER OF CANGINI BENNE S.R.L.'S AFORESAID EXCLUSIVE RIGHTS, AND SHALL LEAD TO PROSECUTION FOR BREACH OF CONTRACT.

ANY DOCUMENTS, DRAWINGS, DATA AND INFORMATION (WHETHER IN PAPER OR DIGITAL FORMAT) CONSIGNED TO THE CUSTOMER CONTINUE TO BE THE EXCLUSIVE PROPERTY OF CANGINI BENNE S.R.L.. THEY CONSTITUTE AN AID FOR THE CLEARER REPRESENTATION OF THE PRODUCT AND PROVIDE GUIDANCE AS TO THE PRODUCT'S PERFORMANCES.

THE CUSTOMER UNDERTAKES NOT TO COPY THEM, NOT TO DISCLOSE THEM TO THIRD PARTIES, AND TO ADOPT ALL APPROPRIATE PRECAUTIONS IN RELATION TO ITS STAFF TO ENSURE THEIR PROTECTION.

PERSONAL DATA PROCESSING

A) THE BUYER PERSONAL DATA WILL BE PROCESSED IN ACCORDANCE WITH ITALIAN LAW ON THE PROCESSING OF PERSONAL DATA, SUCH AS THE GDPR AND LEGISLATIVE DECREE 101/2018, AS AMENDED.

THE SELLER INFORMS THE BUYER THAT THE FORMER IS THE DATA CONTROLLER AND THAT THE BUYER'S PERSONAL DATA ARE COLLECTED AND PROCESSED SOLELY FOR THE EXECUTION OF THIS AGREEMENT.

B) THE DATA AND INFORMATION PROCESSED IN ACCORDANCE WITH THESE GENERAL CONDITIONS OF SALE WILL NOT BE DISCLOSED TO THIRD PARTIES IN ANY WAY UNLESS SPECIFICALLY AUTHORISED IN WRITING BY THE SELLER, SUBJECT TO LEGAL OBLIGATIONS REGARDING THE SUBMISSION TO PUBLIC AUTHORITIES OF DOCUMENTS CONTAINING PERSONAL DATA.

C) EACH PARTY UNDERTAKES TO INFORM THE OTHER WITHOUT DELAY OF ANY VIOLATION OF RIGHTS TO THE BRAND WHICH COMES TO ITS KNOWLEDGE, AND ANY OTHER FORM OF UNFAIR COMPETITION BY THIRD PARTIES, TO ENABLE THE VICTIM PARTY TO TAKE THE DEFENSIVE ACTIONS IT CONSIDERS NECESSARY OR APPROPRIATE, IN THEIR JOINT INTEREST.

APPLICABLE LAW

A) IF THE BUYER IS AN ENTITY UNDER ITALIAN LAW, THESE GENERAL CONDITIONS OF SALE AND ALL THE CONTRACTS IT SIGNS WITH THE SELLER SHALL BE GOVERNED BY ITALIAN LAW.

B) IF, ON THE OTHER HAND, THE BUYER IS OF NON-ITALIAN NATIONALITY, THESE GENERAL CONDITIONS OF SALE AND ALL THE CONTRACTS IT SIGNS WITH THE SELLER SHALL BE GOVERNED BY THE 1980 VIENNA CONVENTION ON CONTRACTS FOR THE INTERNATIONAL SALE OF GOODS.

LEGAL JURISDICTION

A) ALL DISPUTES ARISING FROM THIS CONTRACT SHALL BE SUBMITTED TO THE SOLE JURISDICTION OF FORLÌ LAW COURT.

THE PARTIES AGREE THAT ONLY THE SELLER, AT ITS OWN DISCRETION, MAY WAIVE THE SOLE JURISDICTION OF THE COURT REFERRED TO IN POINT A) ABOVE TO BRING PROCEEDINGS AGAINST THE BUYER AT ITS DOMICILE OR BEFORE THE COURT WITH COMPETENCE THERE.

GENERAL PROVISIONS

A) THE INVALIDITY OF ALL OR PART OF INDIVIDUAL PROVISIONS OF THESE GENERAL TERMS AND CONDITIONS OF SALE SHALL NOT AFFECT THE VALIDITY OF THE REMAINING PROVISIONS.

B) EVERY AMENDMENT OR SUPPLEMENT TO THIS CONTRACT MUST BE MADE IN WRITING AND DULY SIGNED BY THE PARTIES.

C) THESE GENERAL CONDITIONS OF SALE ARE ISSUED IN TWO LANGUAGES, ITALIAN AND ENGLISH. IN THE EVENT OF DOUBTS AS TO THEIR INTERPRETATION THE ITALIAN VERSION SHALL PREVAIL.