



# PRODUCT RANGE DEMOLITION AND RECYCLING



**TRENDSETTER IN DEMOLITION AND RECYCLING EQUIPMENT**

# DEMAREC MINI AND MIDI DEMOLITION AND SORTING GRABS

DEMAREC mini and midi demolition and sorting grabs are perfect for demolition, recycling, and general use. They are ideal for demolition work prior to renovations and after fire damage or for pulling up shrubs.

Mini and midi demolition and sorting grabs also save time and manpower and are safer to work with.

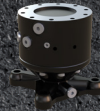
Despite their low weight, DEMAREC mini and midi demolition and sorting grabs are extremely robust and powerful. The grabs are fitted with load holding valves, which is unique in this class.

Because the grabs have a low construction height and a favourable weight, the combination of digging machine and grab is extremely stable in all conditions.

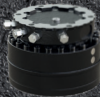
## Key features and benefits

- Powerful cylinder with load holding valve
- Compact 4, 10 or 15 tonne hydraulic 360° rotator
- Robust pivot points
- Replaceable blades
- High closing force
- Perforated shells
- Hydraulic system protected by the yoke

4 ton rotator



10 ton rotator



15 ton rotator



DRG-4-DN

## Technical specifications

Type	DRG-1-DN	DRG-4-DN	DRG-5-DN NOX	DRG-6-DN	DRG-7-DN NOX	DRG-9-DN	DRG-11-DN NOX
Carrier weight**	1-2	2-4	3-6	4-6	5-8	6-9	7-11
Weight (approx.)**	120	200	160	225	180	355	305
Capacity	3.5	60	60	90	90	165	165
Closing force (approx.)	18.3	21	21	21	21	21	21
Opening	880	1212	1212	1345	1345	1665	1665
Width	350	420	420	470	470	520	520
Height	520	747	-	817	-	973	-
Opening/Closing Pmax	220	250	250	250	250	320	320
Flow	10-40	25-75	25-75	25-75	25-75	25-75	25-75
Rotator	4	10	-	10	-	15	-
Rotation Pmax	320	320	-	320	-	320	-
Flow	10-40	15-50	-	15-50	-	20-50	-

Subject to change without notice.

\*\*Depending on lifting capacity of carrier \*\*\*weight incl. standard bracket

# DEMAREC DEMADRIVE DEMOLITION AND SORTING GRABS

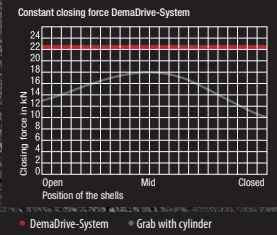
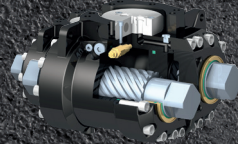


DEMAREC DemaDrive demolition and sorting grabs are extremely suitable for use in demolition, recycling and general activities. Whether you need it for renovation demolition, damage due to fire or digging up bushes, the small useful tool always comes in handy. When working under water the sealed system offers many advantageous. There is no slewing ring or grease point that could be damaged. Moreover the use of a demolition and sorting grab saves time and manpower, and increases safety during work.

This unique and fully maintenance-free grab concept, with its compact design and long service life, is still a cutting-edge innovation for the demolition and recycling market. The patented DemaDrive-System delivers a constant closing force. The sealed DemaDrive-System makes sure the hydraulics are fully protected. Moreover, the grab is equipped with a load safety valve to ensure safety during the work. Naturally, the grab is also fitted with exchangeable bolt-on blades.

## Key features and benefits

- Compact design
- Maintenance Free
- Perforated shells
- Ideal for underwater activities
- Constant closing force
- Optimal hydraulic protection
- Grab closed safety valve
- Bolt on wear blades
- Favorable weight



## Technical specifications

Type	DRG-4-DD	DRG-5-DD NOX	DRG-6-DD	DRG-7-DD NOX	DRG-9-DD	DRG-11-DD NOX
Carrier weight*	2 - 4	3 - 6	4 - 6	5 - 8	6 - 9	7 - 11
Weight (approx.)**	280	240	340	310	415	360
Capacity	75	75	150	150	220	220
Opening	1045	1045	1350	1350	1545	1545
Width	420	420	470	470	520	520
Height (Open/Closed)	812	-	970	-	1061	-
Opening/Closing Pmax	250	250	320	320	320	320
Flow	40 - 75	40 - 75	40 - 75	40 - 75	40 - 75	40 - 75
Rotator	10	-	10	-	15	-
Rotation Pmax	320	-	320	-	320	-
Flow	15 - 50	-	20 - 50	-	20 - 50	-



10 ton rotator



15 ton rotator

\*Depending on lifting capacity of carrier. \*\*Weight excluding bracket

Subject to change without notice.

# DEMAREC DEMOLITION AND SORTING GRABS

DEMAREC demolition and sorting grabs are widely applied for demolition, recycling and other applications. These grabs have already proved themselves in the demolition and recycling industries.

The Delta-Box frame is designed to withstand the forces of heavy applications and therefore has a long lifetime.



## Key features and benefits

- Delta-Box Frame with wide pivot points
- Robust end stops grab open
- Heavy duty rotation motor(s) with shock protection
- Double roller ring (from DRG-28)
- Standard two rotation motors from DRG-25
- Heavy duty side plates from HB500
- Grease sealed pivot points prevent the ingress of debris
- Wear blades made from HB500
- Load safety valve
- Hydraulic cylinder end damping
- Bolt on mounting bracket
- Filters in rotation circuit



## Technical specifications

Type	DRG-14	DRG-15	DRG-17	DRG-19	DRG-22	DRG-25	DRG-27	DRG-28	DRG-36	DRG-45	DRG-65
Carrier weight*	10 - 18	12 - 20	12 - 24	13 - 25	15 - 30	18 - 28	20 - 30	24 - 40	30 - 50	35 - 60	50 - 80
Weight (approx.)**	860	900	1030	1115	1315	1400	1480	1820	2210	2330	4165
Capacity	340	415	365	480	570	650	760	825	960	1075	1660
Closing force	43	43	60	60	62	62	62	80	92	92	140
Opening	1730	1730	1757	1895	1992	2050	2050	2193	2325	2355	2700
Width	750	900	850	1000	1000	1000	1200	1100	1250	1400	1500
Height	1228	1228	1225	1256	1340	1380	1380	1393	1481	1496	1818
Open/Closing Pmax	350	350	350	350	350	350	350	350	350	350	350
Flow	80	80	100	100	100	100	100	120	120	120	200
Rotation Pmax	140	140	140	140	140	140	140	140	140	140	140
Flow	40	40	40	40	40	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60

\*Depending on lifting capacity of carrier. \*\*Weight excluding bracket

Subject to change without notice.

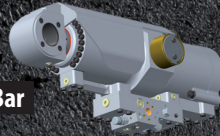
# DEMAREC PULVERISERS

DEMAREC Pulverisers have been developed for secondary demolition – breaking concrete and freeing reinforced steel bars. Pulverising at the demolition site reduces the costs of transport and recycling.

The **Extreme** version of the DSP-series is equipped with the “well known” DemaPower-System!



380 Bar



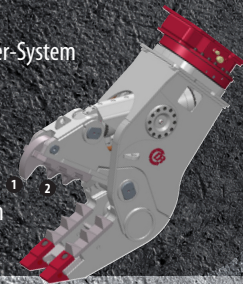
A unique cylinder technique: 20% more power and extremely fast cycle times.

## Key features and benefits

- Excellent speed & power to weight ratio
- Exchangeable wear parts
- Overdimensioned pivot point
- TRUNNION design cylinder
- Standard without cutting blades (can be ordered as an option)
- Robust pivot points of the cylinder
- Exchanging of wear parts on site
- Unmatched speed and power from the DemaPower-System (Extreme version)



Patented safety system to prevent overpressurisation of hydraulic cylinder - rod side.



1 2

Also available in rotating version



## Technical specifications

Type	DSP-30	DSP-30 EXTREME	DSP-45	DSP-45 EXTREME	DSP-60 EXTREME
Carrier weight*	20 - 35	20 - 35	30 - 50	30 - 50	42 - 65
Weight (approx.)**	2135	2115	2670	2645	3525
Additional weight rotating version	+375	+375	+375	+375	+550
Closing force 1 / 2 (approx.)	80 / 125	100 / 150	110 / 150	130 / 185	150 / 205
Jaw opening	885	885	1015	1015	1135
Width upper jaw	350	350	400	400	450
Width lower jaw	490	490	525	525	565
Depth	840	840	900	900	1000
Height	2145	2145	2360	2360	2635
Length of cutting blades***	200	200	200	200	200
Opening/Closing Phax	380	380	380	380	380
Flow	150 - 250	150 - 250	200 - 300	200 - 300	300 - 400
Cycle time Opening/Closing	2,5 / 2,5	2,0 / 2,3	2,6 / 2,9	2,0 / 2,9	2,0 / 2,8

\*Depending on lifting capacity of carrier. \*\*Weight excluding bracket. \*\*\*Optional

Subject to change without notice.

# DEDICATED DEMOLITION LINE - DL-SERIES

The Dedicated Demolition Line consists of the DL-series and the DR-series. Both series are available as combi or demolition shear and as pulveriser. The DL-series (DLC/DLD/DLP) is equipped with the standard cylinder technics with speed valve.

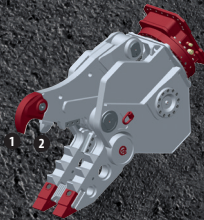
DEMAREC rotating pulverisers are fitted with twin rotation motors for extra rotation power as standard. The overpressure safety device in the rotation circuit ensures that no harmful forces are exerted on the machine. All models are also fitted with filters in the rotation circuit as standard.

Unique to DEMAREC Dedicated Demolition Line is that the lower and upper jaws are made entirely of exchangeable wear parts. This renders welding-on virtually unnecessary and prevents fatigue of the parent material. Exchanging of wearparts can be done on site. The DEMAREC Dedicated Demolition Line is therefore extremely cost-effective to use.

The DLL model is ideal for combination with full-hydraulic quick-change systems that involve (dis)coupling of the hoses.

## Key features and benefits

- Very good speed & power to weight ratio
- Exchangeable teeth, shrouds, cutting blades and tooth plate
- Jaw guided stabilization in front and behind pivot point (DLC)
- Twin rotation motors
- Filters in rotation circuit
- Rotary joint with extra channel
- Robust pivot points of the cylinder
- Exchanging of wearparts on site



DL Series; Inquire about availability



**DemaSafety**  
valve system



**DemaGuide**  
shear arm guiding system



## Technical specifications

Type	DLC-25	DLC-30	DLC-45	DLD-25	DLD-30	DLD-45	DLP-25	DLP-30	DLP-45
Carrier weight*	18-25	22-35	32-50	18-25	22-35	32-50	18-25	22-35	32-50
Weight**	1880	2455	3085	1905	2450	3110	1920	2425	3150
Closing force 1/2 (approx.)	70/100	80/125	110/150	75/120	85/135	110/160	70/100	80/125	110/150
Jaw opening	785	875	980	825	870	990	790	860	980
Width upper jaw	90	100	100	90	100	100	325	350	400
Width lower jaw	390	455	470	390	450	470	390	450	470
Depth	800	900	975	800	885	945	800	885	945
Height	1995	2150	2365	2035	2155	2360	2035	2155	2360
Length of cutting blades	400	400	500	200	200	200	200	200	200
Opening/Closing Pmax	380	380	380	380	380	380	380	380	380
Flow	120-200	150-250	200-300	120-200	150-250	200-300	120-200	150-250	200-300
Rotation Pmax	140	140	140	140	140	140	140	140	140
Flow	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60	40-60
Cycle time Opening/Closing	2,5/2,5	2,5/2,5	2,6/2,9	2,5/2,5	2,5/2,5	2,6/2,9	2,5/2,5	2,5/2,5	2,6/2,9

\*Depending of capacity of carrier \*\*Weight excluding bracket

Subject to change without notice.

# DEDICATED DEMOLITION LINE - DR-SERIES

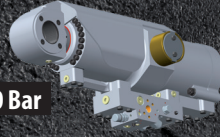
The DR-series (DRC/DRD/DRP) is equipped with the "well known" DemaPower-System with 4 pressure chamber and double acting speed valve.

This unique cylinder technique has been developed in house at DEMAREC. The DemaPower-System has a double-action differential technique, which means the pulveriser has extremely fast cycle times. The jaw can open and close in 5 seconds. Furthermore the cylinder has 20% more power than conventionally constructed cylinders thanks to the application of 4 pressure chambers in the cylinder. This gives an enormous increase in working capacity of as much as 30%.



**DemaPower**  
system

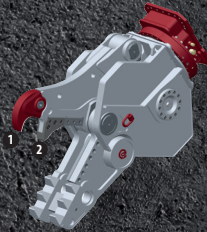
380 Bar



A unique cylinder technique: 20% more power and extremely fast cycle times.

## Key features and benefits

- Unbeatable powerful and fast through the patented DemaPower-System
- Impresses with its low weight, high closing force and large jaw opening
- Jaw guided stabilization in front and behind pivot point (DRC)
- Twin rotation motors
- Filters in rotation circuit
- Rotary joint with extra channel
- Robust pivot points of the cylinder
- Exchanging of wear parts on site



**DemaSafety**  
valve system



**DemaGuide**  
steer, aim, guiding system



## Technical specifications

Type	DRC-25	DRC-30	DRC-45	DRD-25	DRD-30	DRD-45	DRP-25	DRP-30	DRP-45	DRP-60
Carrier weight*	18-25	22-35	32-50	18-25	22-35	32-50	18-25	22-35	32-50	45-65
Weight (approx.)**	1880	2440	3060	1905	2435	3085	1910	2410	3125	4100
Closing force 1 / 2 (approx.)	85 / 120	100 / 150	130 / 185	90 / 145	105 / 160	130 / 195	85 / 130	100 / 150	130 / 185	150 / 205
Jaw opening	785	875	980	825	870	990	790	860	980	1150
Width upper jaw	90	100	100	90	100	100	325	350	400	450
Width lower jaw	390	455	470	380	450	470	390	450	470	565
Depth	800	900	975	800	885	945	800	885	945	1020
Height	1995	2150	2365	2035	2155	2360	2035	2155	2360	2550
Length of cutting blades	400	400	500	200	200	200	200	200	200	250
Opening/Closing Pmax	380	380	380	380	380	380	380	380	380	380
Flow	120 - 200	150 - 250	200 - 300	120 - 200	150 - 250	200 - 300	120 - 200	150 - 250	200 - 300	300 - 400
Rotation Pmax	140	140	140	140	140	140	140	140	140	140
Flow	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60
Cycle time Opening/Closing	1,5 / 2,3	2,0 / 2,3	2,0 / 2,9	1,5 / 2,3	2,0 / 2,3	2,0 / 2,9	1,5 / 2,3	2,0 / 2,3	2,0 / 2,9	2,0 / 2,8

\*Depending of capacity of carrier \*\*\*Weight excluding bracket

Subject to change without notice.

# DEMAREC MULTI-QUICK PROCESSORS

DEMAREC MQP's are available with various jaws which enables them to be employed for cutting and crushing concrete constructions with reinforcement steel and for cutting steel constructions, scrap, tanks and wood.



**DemaLink**  
system

Unique system from DEMAREC that enables a fast and convenient hydraulic exchange of jaws by one single person...From scrap cutter to concrete crusher jaw... from concrete crusher jaw...to concrete cutter jaw or wood jaw...in just a moment of time.

## Changing of jaws hydraulically in a couple of minutes

*A proven system-since 2004*



**DemaPower**  
system



**380 Bar**

A unique cylinder technique: 20% more power and extremely fast cycle times.



**DemaSafety**  
valve system

Patented safety system to prevent overpressurisation of hydraulic cylinder - rod side.

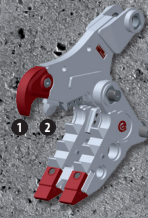
## Key features and benefits

- Demalink-system, changing of jaws hydraulically in a couple of minutes
- Very powerful because of the DemaPower-System
- TRUNNION design cylinder
- Exchangeable wear parts (on site)
- Jaw guided stabilization in front of and behind the pivot point in C- and S-Jaw (SGS)
- 2 Rotation motors
- Rotary joint with extra channel
- Filters in rotation circuit
- Less fuel consumed, because of the DemaPower-System

GOMBI-JAW (C)



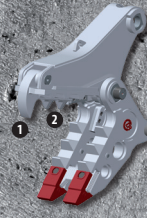
DEMOLITION-JAW (D)



EXTREME-JAW (E)



PULVERISER-JAW (P)



STEEL-JAW (S)



TANKSHEAR-JAW (T)



UNIVERSAL-JAW (U)



WOOD-JAW (W)



## Technical specifications Yoke

Type	MQP-25-Y	MQP-30-Y	MQP-45-Y	MQP-60-Y
Carrier weight (approx.)*	ton 18 - 25	22 - 35	32 - 50	45 - 65
Opening/Closing Pmax	bar 380	380	380	380
Flow	l/min 120 - 200	150 - 250	200 - 300	300 - 400
Rotation Pmax	bar 140	140	140	140
Flow	l/min 40 - 60	40 - 60	40 - 60	40 - 60
Cycle time Opening/Closing	sec 1,5 / 2,3	2,0 / 2,3	2,0 / 2,9	2,0 / 2,8

\*Depending of lifting capacity of carrier

Subject to change without notice.





### Technical specifications Combi-Jaw

Type		MQP-25-C	MQP-30-C	MQP-45-C	MQP-60-C
Weight (approx.)*	kg	2060	2680	3365	4525
Closing force (approx.)**	ton	85 / 150	100 / 150	130 / 185	150 / 220
Jaw opening	mm	785	870	980	1150
Width upper jaw	mm	90	100	100	100
Width lower jaw	mm	375	440	450	480
Depth	mm	810	920	990	1050

\*Weight excluding bracket \*\*1/2

Subject to change without notice.

### Technical specifications Extreme-Jaw

Type		MQP-25-E	MQP-30-E	MQP-45-E	MQP-60-E
Weight (approx.)*	kg	-	-	-	-
Closing force (approx.)**	ton	-	-	-	-
Jaw opening	mm	-	-	-	-
Width upper jaw	mm	-	-	-	-
Width lower jaw	mm	-	-	-	-
Depth	mm	-	-	-	-



\*Weight excluding bracket \*\*1/2

Subject to change without notice.

### Technical specifications Demolition-Jaw

Type		MQP-25-D	MQP-30-D	MQP-45-D	MQP-60-D
Weight (approx.)*	kg	2085	2690	3405	4495
Closing force (approx.)**	ton	90 / 145	105 / 160	130 / 195	150 / 270
Jaw opening	mm	815	870	990	1175
Width upper jaw	mm	90	100	100	100
Width lower jaw	mm	400	470	515	550
Depth	mm	810	900	960	1090

\*Weight excluding bracket \*\*1/2

Subject to change without notice.

### Technical specifications Pulverizer-Jaw

Type		MQP-25-P	MQP-30-P	MQP-45-P	MQP-60-P
Weight (approx.)*	kg	2100	2665	3450	4365
Closing force (approx.)**	ton	85 / 130	100 / 150	130 / 185	150 / 205
Jaw opening	mm	790	880	980	1150
Width upper jaw	mm	325	350	400	450
Width lower jaw	mm	400	470	515	550
Depth	mm	810	830	945	1090

\*Weight excluding bracket \*\*1/2

Subject to change without notice.



### Technical specifications Steel-Jaw

Type		MQP-25-S	MQP-30-S	MQP-45-S	MQP-60-S
Weight (approx.)*	kg	1985	2460	3130	4315
Closing force (approx.)**	ton	300***	340***	415***	465***
Jaw opening	mm	370	410	465	540
Width upper jaw	mm	100	120	120	120
Width lower jaw	mm	320	355	375	410
Depth	mm	560	600	700	750

\*Weight excluding bracket \*\*1/2 \*\*\*Mid up first blade

Subject to change without notice.

### Technical specifications Universal-Jaw

Type		MQP-25-U	MQP-30-U	MQP-45-U	MQP-60-U
Weight (approx.)*	kg	-	2640	3195	4425
Closing force (approx.)**	ton	-	110 / 175	145 / 190	180 / 285
Jaw opening	mm	-	590	670	820
Width upper jaw	mm	-	280	310	340
Width lower jaw	mm	-	500	525	590
Depth	mm	-	790	830	880

\*Weight excluding bracket \*\*1/2

Subject to change without notice.

### Technical specifications Tank shear-Jaw

Type		MQP-25-T	MQP-30-T	MQP-45-T	MQP-60-T
Weight (approx.)*	kg	2130	2710	3320	4460
Closing force (approx.)**	ton	295	360	460	655
Jaw opening	mm	330	335	390	400
Width upper jaw	mm	100	120	120	150
Width lower jaw	mm	265	305	305	355
Depth	mm	570	575	630	660
Plate thickness***	mm	20	25	30	35

\*Weight excluding bracket \*\*Mid up first blade \*\*\*ST37

Subject to change without notice.

### Technical specifications Wood-Jaw

Type		MQP-25-W	MQP-30-W	MQP-45-W	MQP-60-W
Weight (approx.)*	kg	-	2475	-	-
Closing force (approx.)**	ton	-	85 / 170	-	-
Jaw opening	mm	-	1005	-	-
Width upper jaw	mm	-	90	-	-
Width lower jaw	mm	-	360	-	-
Depth	mm	-	880	-	-

\*Weight excluding bracket \*\*1/2

Subject to change without notice.



S

T

U

W

## DEMAREC 2-CYLINDER CONCRETE CRUSHERS

The DEMAREC DCC 2-cylinder concrete crushers have been especially developed for demolishing the thickest reinforced concrete, such as viaducts, quaysides, and heavy foundations. The DCC concrete crusher works perfectly in combination with the latest model excavators as well as specialized 'High Reach Demolition Machines'.

The shears have two pivot points, which ensures that the jaws have more torque to generate the maximum closing force. In combination with the newly developed DemaPower 2.0 cylinder and perfectly tailored jaw geometry, the DCC concrete shears produce 25% more force on average than similar shears. The DemaPower 2.0 system also ensures faster cycle times.



**DemaPower 2.0**  
system

The hydraulic system is completely built into the frame and the cylinders are protected by very robust cylinder guards, so the hydraulics cannot be damaged during the work. A perfect jaw design ensures an optimal force closing curve so that the DCC always has enough strength until the jaw is completely closed. The DCC also has an extra-wide and deep jaw mouth.

### Key features and benefits



**DemaSafety**  
valve system

- Optimal force closing curve
- Robust slewing ring ensures it will survive even the heaviest demolition work
- Double rotator motors or single piston motor ensure a high rotation force
- Filters in rotation circuit
- High penetrating force for cutting
- Highly durable jaws
- Perfect jaw geometry ensures the shears stay sharp for longer
- Optimum cylinder protection
- Hydraulic system completely protected by the yoke



DCC-25-D



DCC-50-A



DCC-65-C



DCC-30-D



DCC-65-A

## THE "SECRET" BEHIND THE POWER OF THE DCC; DEMAPOWER 2.0

"as a result of DemaPower 2.0 System DCC Concrete Crushers achieves a performance to crushers one to two sizes larger"



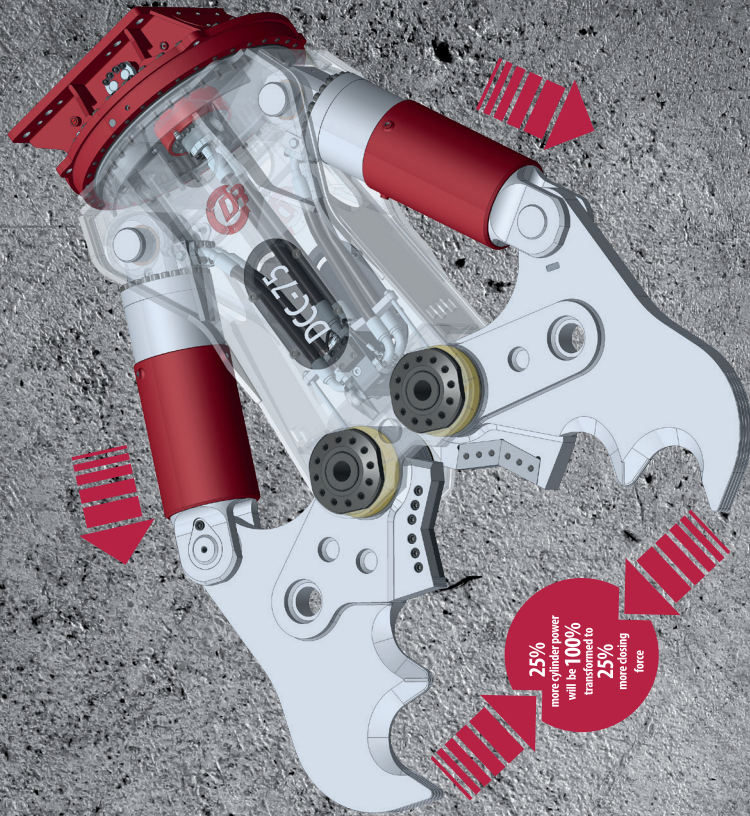
DCC-75-A  
Standard



DCC-75-C  
with exchangeable tips, shrouds and  
long cutting blades



DCC-75-D  
with exchangeable wear  
parts and standard cutting blades



### Technical specifications Standard Concrete Crusher DCC-A

Type	DCC-20-A	DCC-25-A	DCC-30-A	DCC-40-A	DCC-50-A	DCC-65-A	DCC-75-A
Carrier weight*	14 - 20	18 - 25	20 - 35	25 - 45	35 - 55	50 - 70	60 - 80
Weight (approx.)**	1500	2000	2425	3250	4200	5300	6300
Closing force (approx.)	85	105	120	135	155	180	200
Jaw opening	-	1000	1150	1360	1500	1600	1750
Jaw depth	-	865	935	1335	1135	1235	1350
Width upper jaw	-	60	70	80	90	100	100
Height	-	2195	2390	2545	2845	2995	3225
Length of cutting blades	-	200	250	300	300	300	400
Opening/Closing Pmax	-	380	380	380	380	380	380
Flow	-	150 - 250	200 - 300	250 - 350	300 - 500	400 - 600	500 - 700
Rotation Pmax	-	140	140	140	140	140	200
Flow	-	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	60
Back pressure max.	-	-	-	-	-	-	10****
Cycle time Opening/Closing	-	2,3/3,0	2,5/3,4	3,3/3,6	3,2/3,4	2,8/3,9	2,8/3,8

\*Depending of capacity of carrier \*\*Weight excluding bracket \*\*\*Drain line required

Subject to change without notice.

## Technical specifications Concrete Crusher with exchangeable tips, shrouds and long cutting blades DCC-C

Type	DCC-20-C		DCC-25-C		DCC-30-C		DCC-40-C		DCC-50-C		DCC-65-C		DCC-75-C	
	14-20	18-25	2100	18-25	20-35	25-45	3300	35-55	4320	50-70	5440	60-80		
Carrier weight*	ton	14-20	18-25	20-35	25-45	3300	35-55	4320	50-70	5440	60-80			
Weight**	kg	1500	2100	2465	3300	4320	5440	6300						
Closing force	ton	85	105	120	135	155	180	200						
Jaw opening	mm	-	1000	1150	1360	1500	1600	1700						
Jaw depth	mm	-	825	900	1000	1100	1200	1250						
Height	mm	-	2195	2390	2545	2845	2995	3225						
Length of cutting blades	mm	-	520	520	570	650	680	700						
Opening/Closing Pmax	bar	-	380	380	380	380	380	380						
Flow	l/min	-	150-250	200-300	250-350	300-500	400-600	500-700						
Rotation Pmax	bar	-	140	140	140	140	140	200						
Flow	l/min	-	40-60	40-60	40-60	40-60	40-60	40-60						
Back pressure max.	bar	-	-	-	-	-	-	-						
Cycle time Opening/Closing	sec	-	2,3 / 3,0	2,5 / 3,4	3,3 / 3,6	3,2 / 3,4	2,8 / 3,9	2,8 / 3,8						

\*Depending on lifting capacity of carrier

\*\*Weight excluding bracket

\*\*\*Drain line required

Subject to change without notice.

## Technical specifications Concrete Crusher with exchangeable wear parts and standard cutting blades DCC-D

Type	DCC-20-D		DCC-25-D		DCC-30-D		DCC-40-D		DCC-50-D		DCC-65-D		DCC-75-D	
	14-20	18-25	2000	18-25	20-35	25-45	3250	35-55	4200	50-70	5300	60-80		
Carrier weight*	ton	14-20	18-25	20-35	25-45	3250	35-55	4200	50-70	5300	60-80			
Weight**	kg	1500	2000	2425	3250	4200	5300	6300						
Closing force	ton	85	105	120	135	155	180	200						
Jaw opening	mm	-	980	1125	1355	1490	1565	1710						
Jaw depth	mm	-	825	900	1000	1100	1200	1300						
Height	mm	-	2195	2390	2545	2845	2995	3225						
Length of cutting blades	mm	-	200	250	300	300	300	400						
Opening/Closing Pmax	bar	-	380	380	380	380	380	380						
Flow	l/min	-	150-250	200-300	250-350	300-500	400-600	500-700						
Rotation Pmax	bar	-	140	140	140	140	140	200						
Flow	l/min	-	40-60	40-60	40-60	40-60	40-60	40-60						
Back pressure max.	bar	-	-	-	-	-	-	-						
Cycle time Opening/Closing	sec	-	2,3 / 3,0	2,5 / 3,4	3,3 / 3,6	3,2 / 3,4	2,8 / 3,9	2,8 / 3,8						

\*Depending on lifting capacity of carrier

\*\*Weight excluding bracket

\*\*\*Drain line required

Subject to change without notice.

## DEMAREC MULTI-SHEAR

The DEMAREC DMS Multi-shear is the ideal flexible shear for use with midi excavators and skid-steers. The DMS is a truly multifunctional shear thanks to the mechanical change system and the wide range of available jaws. There are jaws available for cutting through reinforced concrete (DMS-05-C), scrap (DMS-05-S), and for cutting cables (DMS-05-V). The DMS-05 can be used for both primary and secondary demolition work. All jaws are fitted with replaceable wear parts where possible.



**DemaMulti**  
system

Jaws can be quickly and safely changed in just a few minutes.

### Key features and benefits

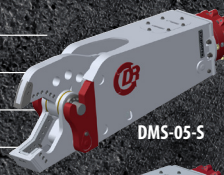
- Multi-Link system for rapid jaw changing
- Powerful cylinder with speed valve
- Cylinder is reverse-mounted so that the piston rod is fully protected
- Compact 15 tons hydraulic 360° rotator
- Replaceable wear parts
- Perfect jaw geometry for optimum performance
- Hydraulic system completely protected by the yoke
- Optimum weight/power ratio

### Technical specifications

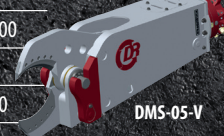
Type		DMS-05-C	DMS-05-S	DMS-05-V
Carrier weight*	ton	5 - 7	5 - 7	5 - 7
Carrier weight**	ton	7 - 9	7 - 9	7 - 9
Carrier weight***	ton	3 - 5	3 - 5	3 - 5
Weight (approx.)****	kg	540	510	500
Length	mm	1665	1665	1725
Jaw opening	mm	400	320	270
Depth of jaw	mm	360	360	355
Opening/Closing Pmax	bar	250	250	250
Flow	l/min	60 - 100	60 - 100	60 - 100
Rotation Pmax	bar	150	150	150
Flow	l/min	20 - 50	20 - 50	20 - 50



DMS-05-C



DMS-05-S



DMS-05-V

\*Boom (indicative) \*\*Dipper (indicative) \*\*\*Skid-steer (indicative) \*\*\*\*Excluding bracket

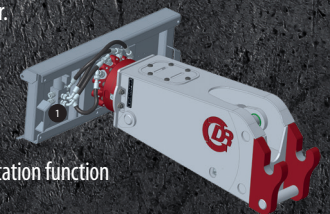


## DMS-05 FOR SKID STEER LOADERS

Skid Steer Loaders are versatile compact machines suitable for all kinds of applications. This makes them ideal for construction, demolition and recycling work. Thanks to their high stability, excellent performance and multifunctional nature, they are the right "match" with the DEMAREC Multi-Shear.

### Optional

6/2 valve (12V or 24V) For changing from rotation function to open/close function.



# DEMAREC DRUM CUTTERS

The cutters with robust spur gearing are driven by high torque motors. In addition, they are equipped with a gear reduction to increase the cutting force. The optimal selection of drum and pick guarantees high performance for loosening of material and reduces wear. The best suited components for your task will provide optimum penetration into the rock at low vibration and noise levels. Underwater operation in up to 25m water depth is no problem thanks to the heavy duty sealing system.

## Key features and benefits

- 1 Low noise level and less vibration reduce work fatigue
- 2 Hydraulic motor can be chosen in accordance to excavator's hydraulic output power
- 3 Fast and easy exchange of wear parts reduces downtimes
- 4 Large drum and pick assortment
- 5 Extremely robust with low maintenance due to massive drive shaft bearing and heavy duty sealing system
- 6 Waterproof to 25m depth
- 7 Maximum performance due to robust spur gear



## Standard Drum versions:



### Excavating Drum

For cutting soft to medium-hard rock. With select pick for maximum productivity and loosening performance.



### Profiling drum

For cutting and leveling soft to medium-hard rocks. Higher density of pick for clean surfaces at reduced vibration.



### Demolition drum

For cutting medium-hard to hard rock and concrete. High running smoothness and reduced vibration due to wear-protected spiral sheet

## Pick versions:



### Standard pick

For soft to medium-hard rocks. (Asphalt, argillite)



### Heavy duty pick

For medium-hard to very hard rocks. (Limestone, concrete)



### Wear protected pick

For very abrasive rocks. (Sandstone, furnace gravel)



### Wood pick

For wood applications. (Tree stumps)

## Technical specifications

Type	KDC-04	KDC-06	KDC-08	KDC-15	KDC-20	KDC-30	KDC-35	KDC-45	KDC-60
Carrier weight*	2 - 4	4 - 6	6 - 8	8 - 15	15 - 20	20 - 30	30 - 35	35 - 45	45 - 60
Weight**	250	250	250	420	850	1400	1460	2550	2800
Diameter cutter	350	350	350	405	550	615	615	760	760
Width cutter	500	500	500	630	750	900	900	1200	1400
Width shaft	90	90	90	135	145	170	170	240	240
Nominal power min./max.	18	18	22	30	45	60	90	120	140
Peak power max.	22	22	27	40	55	70	110	130	150
Cutting head torque***	2330	2800	3900	5500	9900	14000	24100	36100	43500
Gearbox ratio	i 2.0	2.0	2.0	1.76	1.6	1.3	1.3	1.3	1.3
Oil flow min. - max.	l/min 30 - 65	30 - 65	30 - 65	70 - 120	100 - 190	120 - 210	240 - 340	250 - 500	360 - 550
Pmax	bar 375	375	375	375	350	350	350	350	350
Number of picks	Pc: 2 x 22	2 x 43	2 x 22	2 x 24	2 x 28	2 x 28	2 x 28	2 x 28	2 x 40

\*Depending of capacity of carrier \*\*Weight excluding bracket \*\*\*At 350 bar

Subject to change without notice

# DEMAREC DSB HAMMER SERIES

The Demarec hammers of the DSB series are suitable for diversity of carriers, for example mini excavators, backhoe loaders, demolition robots etc....

The breakers of the DSB series, thanks to their power and efficiency and to the right combination between weight and power, are suitable for primary and secondary demolition work. The breakers are 'Monobloc-Hammers' with a very simple design, less parts and easy to service. The breakers of the DSB series, with their tapered shape, provide the operator with an excellent view during the work and allow to operate close to walls, both in narrow sections and with open front.

## Key features and benefits

- The DSB breakers work with inertial nitrogen energy recovery, obtaining more power (more than 30%) and less vibration, than conventional design breakers
- The slimline design housing provides protection to hoses and allows maximum visibility and access for operating
- One - piece cylinder for easy interchangeability with keeping the housing intact
- The entire DSB series benefits from the particular monobloc construction; this feature gives the structure a very high resistance to leverage, during work
- The two oval design tool retainers allow an adequate, uniform wear, ensure more strength and protection to the tool during operation
- The vibration dampers reduce vibrations throughout the carrier and also reduce operating noise levels while working

## Tools:



### Moil point

Suitable for concrete, for medium-hard and not layered rocks.

### Blunt tool

Suitable for reinforced concrete and very compact rocks.

### Pyramid tool

Suitable for reinforced concrete and very compact rocks.

### Chisel tool

Suitable for medium-hard and layered rocks.



### Wood cutter tool

Suitable for cutting all types of wood.

### Pile driver

Suitable for planting wooden or concrete poles.

### Asphalt cutter

Suitable for cutting asphalt.



## Technical specifications

Type	DSB-0	DSB-1	DSB-2	DSB-3	DSB-4	DSB-6	DSB-8	DSB-10	DSB-12
Carrier weight*	0,5 - 2,5	1,2 - 3,5	1,5 - 4,5	2,5 - 6,5	3,0 - 8,0	4,5 - 9,0	6,0 - 11	8,0 - 12	
Weight**	70	100	145	190	250	320	430	540	
Height with standard tool	810	920	920	1145	1170	1200	1515	1570	
Chisel diameter	40	45	48	55	65	75	80	90	
Required oil supply	15 - 20	13 - 20	18 - 40	25 - 55	30 - 60	50 - 70	75 - 90	85 - 110	
Oil pressure	110	140	150	170	180	200	190	190	
Blows per minute	800 - 1700	800 - 2300	800 - 2000	900 - 1900	850 - 1800	600 - 1500	500 - 1300	600 - 1200	
Energy per blow	250	280	400	580	750	950	1200	1700	2300
Max back pressure	30	30	30	30	30	30	30	30	30
Inner diam. IN hose	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"
Inner diam. OUT hose	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"

\*Depending of capacity of carrier

\*\*\*Weight excluded bracket

Subject to change without notice.



# DEMAREC DFX HAMMER SERIES

The breakers of the DFX series, thanks to their power and efficiency and to the right combination between weight and power are suitable for primary and secondary breaking.

## Key features and benefits

- With the main control valve is it possible to adjust the operating pressure manually by adjusting a valve located on the side of the hammer
- The DFX breakers work with inertial nitrogen energy recovery, obtaining more power (more than 30%) and less vibration, than conventional design breakers
- 5 different tools available
- Housing designed with Hardox wrap to increase strenght and durability
- The two oval design tool retainers allow an even wear pattern, ensuring more strength and protection to the tool during operation
- The piston moves in a single interchangeable cylinder liner, easy to replace in case of necessity keeping the main body intact
- The dampers are located at the top and bottom of the hammer, these reduce the noise production. The dampers also prevent vibrations moving to the excavator

## Tools:



### Moil point

Suitable for concrete, for medium-hard and not layered rocks.



### Blunt tool

Suitable for secondary breaking of oversized material.



### Pyramid tool

Suitable for reinforced concrete and very compact rocks.



### Chisel tool

Suitable for medium-hard and layered rocks.



### Cobra tool

Suitable for quarry works such as primary demolition and reduction of blocks.



## Technical specifications

Type	DFX-16	DFX-20	DFX-26	DFX-29	DFX-32	DFX-36	DFX-40	DFX-47	DFX-58	DFX-70	DFX-80	DFX-120	DFX-150	DFX-200
Carrier weight**	ton 10 - 16	14 - 24	20 - 30	22 - 27	23 - 35	28 - 45	30 - 47	35 - 50	37 - 57	40 - 70	45 - 80	60 - 110	80 - 170	100 - 200
Weight**	kg 950	1250	1700	1850	2200	2900	3200	3700	4400	4850	5800	7800	12000	14500
Height with standard tool	mm 1940	2030	2290	2515	2560	2740	2740	3040	3040	3090	4200	4500	5200	5500
Chisel diameter	mm 115	120	135	150	160	160	160	175	180	195	200	215	255	280
Required oil supply	l/mm 90 - 120	110 - 140	130 - 160	140 - 180	165 - 190	180 - 240	200 - 260	250	270 - 320	290 - 350	300 - 380	360 - 440	480 - 570	500 - 600
Oil pressure	bar 165	170	180	180	180	180	180	180	190	250	200	215	255	280
Blows per minute	l/mm 600 - 900	400 - 900	400 - 800	400 - 800	350 - 700	300 - 650	300 - 650	300 - 650	300 - 650	250 - 550	250 - 550	200 - 400	150 - 300	150 - 250
Energy per blow	J 2600	3200	4200	4700	5400	8500	9000	9500	12500	16500	18500	23000	28000	35000
Max back pressure	bar 25	25	25	25	25	25	25	25	25	30	30	30	30	30
Inner diam. IN hose	inch 1"	1"	1"	1"	1"	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/2	1 1/2
Inner diam. OUT hose	inch 1"	1"	1"	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/2	1 1/2

\*\*Depending of capacity of carrier

\*\*Weight excluded bracketlet

Subject to change without notice.

# ROTATING PULVERISERS



The new DLP models of the Dedicated Demolition EcoLine are especially designed a competitive and yet highly performing rotatable pulverizer on the market featuring the usual Demarec quality.

It's a complete new concept with mostly new exchangeable wear parts. Also these new pulverisers can be used in primary and secondary demolition.

## Key features and benefits

- Upside-Down cylinder (cylinder rod fully protected)
- Redesigned rotor head (prepared for easy installation of an OilQuick adapter plate)
- Filters in rotation circuit
- Double-roller slewing ring (DLP-16, DLP-18, DLP-24, DLP-28, DLP-36, DLP-50)
- Speed valve for fast cycle times (Optie: DLP-12)
- Robust pivot point for a long lifetime
- Exchangeable wear parts (wear parts can be changed on site)



## Technical specifications

Type	DLP-9	DLP-12	DLP-16	DLP-18	DLP-24	DLP-28	DLP-36	DLP-50	DLP-65	DLP-80
Carrier weight*	7 - 10	9 - 15	12 - 18	15 - 22	18 - 25	22 - 32	26 - 40	36 - 55	-	-
Weight**	550	950	1350	1700	2000	2550	3200	4200	-	-
Closing force (approx.)	35	45	53	63	70	80	90	100	-	-
Jaw opening	520	600	650	715	750	840	950	1075	-	-
Width upper jaw	265	310	340	360	400	425	460	500	-	-
Width lower jaw	320	360	390	390	450	520	550	600	-	-
Depth	540	605	660	755	800	850	880	1000	-	-
Height	1470	1780	1910	2030	2218	2300	2450	2600	-	-
Length of cutting blades	150	150	150	200	200	200	200	250	-	-
Opening/Closing Pmax	350***	350	350	350	350	350	350	350	-	-
Flow	80 - 100***	90 - 120	100 - 150	120 - 200	150 - 250	200 - 300	250 - 350	300 - 400	-	-
Rotation Pmax	320***	140	140	140	140	140	140	140	-	-
Flow	20 - 50***	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	-	-

1 04-2022 \* Depending of capacity of carrier \*\*Weight excluding bracket \*\*\*15-ton hydraulic rotator

Subject to change without notice.

# FROM PASSION TO PERFORMANCE



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