



PRODUCT RANGE SCRAP & RECYCLING



TRENDSETTER IN DEMOLITION AND RECYCLING EQUIPMENT

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.



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

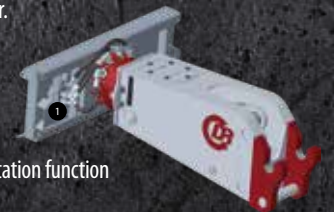


DMS-05 FOR SKID STEER LOADERS

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.

1 Optional

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

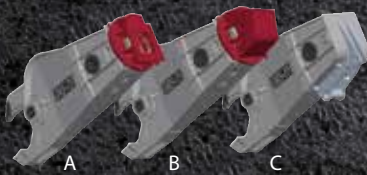


DEMAREC SCRAP SHEARS - DRS

Meet the most important demands of the clients. The DEMAREC DRS Scrap Shear with its 360° rotation was engineered to deliver a scrap shear with a maximum force, highest speed and optimal weight to performance ratio in daily use in scrap yards and demolition sites. This robust tool can be used for a wide variety of jobs including demolition, scrap processing and tire recycling. The DRS line is available in six different sizes, three different mounting options (A, B or C), suitable for excavators from 14t to 100t operating weight.

Key features and benefits

- Extremely high cutting force and optimal performance to weight ratio
- Powerful cylinder with speed valve
- More cutting force due to offset APEX of shear blades
- Body made of wear resistant, fine grained steel
- Heavy duty bearings in the pivot points for a long lifetime
- Unique, Shear Arm Guiding System (SGS)
- Exchangeable and re-weldable piercing tip - Tool Steel
- All blades are 4 or 8 times indexable - Tool Steel
- Unique Blade Locking System (BLS) in upper and lower jaw
- Heavy duty 360° rotation with oversized slewing ring (not for C-Version)
- Filters in rotation circuit.



A-version rotating, for mount on dipper or boom with a bolt-on adapter

B-version rotating, for mount on boom with a weld-on adapter

C-version non-rotating, for mount on boom with a weld-on adapter



Technical specifications

Type	DRS-25-A	DRS-30-A	DRS-45-A	DRS-60-A	DRS-60-B	DRS-75-A	DRS-75-B	DRS-75-C	DRS-90-A	DRS-90-B	DRS-90-C
Carrier weight*	14 - 20	18 - 25	30 - 50	32 - 50	30 - 50	35 - 65	35 - 65	30 - 50	45 - 80	45 - 80	40 - 70
Carrier weight**	20 - 30	25 - 35	32 - 50	45 - 65	-	60 - 80	-	35 - 65	75 - 100	-	-
Weight (approx.)***	2150	3100	4100	5550	5640	6950	7050	6200	8500	8600	7700
Closing force (throat / approx.)	498	675	821	1099	1099	1427	1427	1427	1945	1945	1945
Length	2740	2975	3290	3725	4135	4085	4135	4135	4720	4720	4005
Height	1110	1220	1385	1500	1500	1500	1500	1500	1930	1930	1930
Jaw opening	500	580	625	720	720	825	825	825	960	960	960
Depth of jaw	460	490	540	600	600	720	720	720	815	815	815
Opening/Closing Pmax	380	380	380	380	380	380	380	380	380	380	380
Flow l/min	150 - 200	200 - 300	300 - 400	400 - 600	400 - 600	600 - 800	600 - 800	600 - 800	700 - 1000	700 - 1000	700 - 1000
Rotation Pmax	140	140	140	200	200	200	200	200	200	200	-
Flow l/min	40 - 60	40 - 60	40 - 60	60	60	60	60	60	80	80	-
Back pressure max.	-	-	-	10****	10****	10****	10****	10****	10****	10****	-
Cycle time open/closing	2,4/2,3	2,9/3,0	3,7/2,2	3,0/2,2	3,0/2,2	3,0/2,5	3,0/2,5	3,0/2,5	3,5/2,5	3,5/2,5	3,5/2,5

*Boom (indicative) **Stick (indicative) ***Weight excluding bracket ****Drain line required

Subject to change without notice.

DEMAREC SCRAP SHEARS - DXS

The DEMAREC DXS mobile scrap shears are engineered to deliver an extremely high cutting force and most optimal performance to weight ratio due to the implementation of the revolutionary DemaPower 2.0 cylinder technology. The patented DemaPower 2.0 Technology is based on four cylinder chambers, two-way oil regeneration for open-close in combination with high cylinder forces in shears. This unique feature results in extremely fast cycle times.



MORE POWER, MORE SPEED, HIGHER PRODUCTIVITY

Key features and benefits

- Extremely high cutting force and optimal performance to weight ratio because of DemaPower 2.0 system
- 25% more power and fast cycle times give performance equal to scrap shears one to two sizes larger
- Upside-down cylinder to protect the rod completely
- Extremely fast cycle times for highest production
- More cutting force due to offset APEX of shear blades
- Body made of wear resistant, fine grained steel
- Heavy duty bearings in the pivot points for a long lifetime
- Unique, extremely robust Shear Arm Guiding System (SGS)
- Robust mouth design with large opening for scrap
- Exchangeable and re-weldable piercing tip
- Main blades are 3 times indexable
- Unique Blade Locking System (BLS) in upper and lower jaw
- Heavy duty 360° rotation with slewing ring
- Filters in rotation circuit



Technical specifications

Type	DXS-40-A	DXS-50-A	DXS-60-A	DXS-60-C	DXS-70-A	DXS-70-C	DXS-80-A	DXS-80-C	DXS-90-A	DXS-90-C
Carrier weight*	18-25	25-35	32-50	30-50	35-65	32-65	40-70	40-70	50-90	50-90
Carrier weight**	25-40	35-55	50-70	-	60-80	-	70-90	-	80-100	-
Weight (approx)***	3200	4500	5800	-	6750	-	8100	-	9100	-
Closing force (throat / approx.)	8200	10000	11500	11500	12200	12200	14000	14000	15300	15300
Length	2995	3280	3520	-	3835	-	3950	-	4310	-
Height	1265	1400	1515	1515	1650	1650	1810	1810	1960	1960
Jaw opening	630	730	820	820	900	900	980	980	1060	1060
Depth of jaw	665	780	835	835	895	895	1015	1015	1060	1060
Opening/Closing Pmax	380	380	380	380	380	380	380	380	380	380
Flow l/min	200 - 300	300 - 400	400 - 500	400 - 500	500 - 600	500 - 600	600 - 700	600 - 700	700 - 800	700 - 800
Rotation Pmax	140	140	200	-	200	-	200	-	200	-
Flow l/min	40-60	40-60	60	-	60	-	60	-	60	-
Back pressure max.	-	-	10****	-	10****	-	10****	-	10****	-
Cycle time open/closing	3,2 / 3,3	2,8 / 3,7	3,0 / 3,8	3,0 / 3,8	3,0 / 3,8	3,0 / 3,8	4,5 / 3,6	4,5 / 3,6	4,6 / 3,8	4,6 / 3,8

*Boom (indicative) **Stick (indicative) ***Weight excluding bracket ****Drain line required

Subject to change without notice.



A: DXS A-version, rotating shear, to mount on dipper or boom with a bolt-on adapter



B: DXS-FQC rotating shear with integrated Fuchs Quick Connect System

DEMAREC RAIL CUTTERS

The mobile DEMAREC Rail Cutter RC-30 is a special development for the controlled demolition of rail systems and for the scrap preparation of railway lines. All current Vignol rails (flat bottom rails) with a standard quality up to 900 N/mm² and a profile size „S7“ to „UIC 60“ can be cut. Vignol rails in special qualities exceeding 900 N/mm² or with head hardening are excluded. The wear of the cutters highly depends on the quality of the rails.

Cutting rails with an ordinary scrap shear is a risky task because of the flying scrap. With the Demarec Railcutter it is possible to cut safely and efficiently.

Key features and benefits

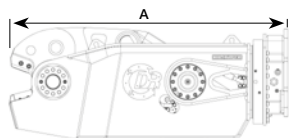
- Extremely robust upper and lower jaw (Hituff)
- Overdimensioned pivot point
- Cutting blades are reversible - Tool Steel
- 360° heavy duty rotation (or without rotation)
- Filters in rotation circuit
- Made of high-strength fine grained steel



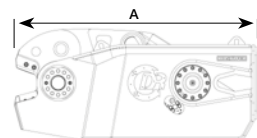
Technical specifications

Type		RC-30	RC-30-S
Carrier weight*	ton	20 - 35	20 - 35
Weight (approx.)**	kg	2650	2300
Length (A)	mm	2234	2040
Jaw opening	mm	224	224
Depth of jaw	mm	190	190
Opening/Closing	Pmax bar	320	320
Flow	l/min	150 - 250	150 - 250
Rotation Pmax	bar	140	-
Flow	l/min	40 - 60	-

*Depending of capacity of carrier **Weight excluding bracket



RC-30



RC-30-S

A: RC-30 rotating version, to mount on dipper or boom with a bolt-on adapter

B: RC-30-S non-rotating version



Technical specifications

Type	DPG-22-450-5		DPG-30-HD-600-5		DPG-30-HD-800-5		DPG-40-HD-600-5	
	F/H/W/T		F/H/W/T		F/H/W/T		F/H/W/T	
Carrier weight*	ton	16 - 22	20 - 30	350	20 - 30	350	26 - 40	350
Opening/Closing Pmax	bar	350	350	350	350	350	350	350
Flow	l/min	50 - 150	120 - 200	120 - 200	120 - 200	120 - 200	120 - 200	120 - 200
Rotation Pmax	bar	320	140	140	140	140	140	140
Flow	l/min	25 - 75	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60
Tines		5	5	5	5	5	5	5
Dimension A	mm	1370	1520	1525	1525	1430	1430	1430
Dimension B	mm	1910	2130	2290	2290	2200	2200	2200
Dimension C	mm	1550	1980	2065	2065	2170	2170	2170
Capacity	liter	450	600	800	800	600	600	600
Weight (approx.)**	kg	950 - 1145	1540 - 1750	1570 - 1770	1570 - 1770	1700 - 1830	1700 - 1830	1700 - 1830
Load capacity	kg	7000	7000	7000	7000	10000	10000	10000

DPG 22-450/DPG30-600/DPG40-800/DPG51-1000/DPG51-2000 also available in 4-times option.

Heavy Duty (HD) models are equipped with a slewing ring and rotation motor.

DEMAREC POLYP GRABS

MORE MODELS ON REQUEST

Technical specifications

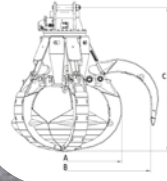
Type	DPG-40-HD-800-5		DPG-51-HD-1000-5		DPG-51-HD-1250-5		DPG-51-HD-1500-5	
	F/H/W/T		F/H/W/T		H/W		F/H/W/T	
Carrier weight*	ton	26 - 40	36 - 50	36 - 50	36 - 50	36 - 50	36 - 50	36 - 50
Opening/Closing Pmax	bar	350	350	350	350	350	350	350
Flow	l/min	120 - 200	120 - 200	120 - 200	120 - 200	120 - 200	120 - 200	120 - 200
Rotation Pmax	bar	140	140	140	140	140	140	140
Flow	l/min	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60	40 - 60
Tines		5	5	5	5	5	5	5
Dimension A	mm	1570	1630	1835	1835	1870	1870	1870
Dimension B	mm	2200	2440	2665	2665	2840	2840	2840
Dimension C	mm	2170	2200	2415	2415	2500	2500	2500
Capacity	liter	800	1000	1250	1250	1500	1500	1500
Weight (approx.)**	kg	1740 - 2075	1890 - 2165	2130 - 2200	2130 - 2200	2045 - 2320	2045 - 2320	2045 - 2320
Load capacity	kg	10000	10000	10000	10000	10000	10000	10000

*Depending of lifting capacity of carrier **Weight excluding suspension.

Subject to change without notice.

Rigid mount

DPG-25-VR-HD-3-W	
ton	600 800
bar	18 - 25 18 - 25
l/min	350 350
bar	120 - 200 120 - 200
bar	140 140
l/min	40 40 - 60
	3 3
mm	1420 1560
mm	2200 2200
mm	2100 2135
liter	600 600
kg	1490 1600
kg	3000 3000



F Fully closing tines
H Half closing tines
T Pointed tines
W Wide style of pointed tines

FROM PASSION TO PERFORMANCE



Demolition and Recycling Equipment B.V.

De Hork 32

5431 NS Cuijk

The Netherlands

☎ +31 (0)485 442300

info@demarec.com

Dealer:

demarec.com