

Heavy Duty Demolition and Sorting Grabs

D15H-P HD/ D16H-P HD/ D19H-P HD/ D20H-P HD
D24H-P HD/ D32H-P HD/ D40H-P HD/ D50H-P HD/ D70H-P HD

Robust multi-purpose grab with perforated shells, for excavators from 10t / 22000 lbs up to 80t / 176000 lbs operating weight, the HD D Series grabs are ideal for demolition and sorting of all kinds of building materials.

- Robust Delta-box frame with dust-proof axle bearing points.
- Perforated shells let fine dust and gravel through without large pieces getting caught.
- Durable and reversible cutting edges, made of Cracox Plus 450 steel can be used to pick up different materials, with their tips.
- Cutting edges on D19 series and higher can be turned three ways, reducing replacement costs.
- Robust, fully integrated rotator with sturdy slewing ring to withstand external forces, with pressure relief valve to ensure overload protection, and connecting hoses protected inside the hub.
- Exceptional closing forces achieved with a horizontally positioned hydraulic cylinder that is protected by the bucket carrier.
- Cylinder is hydraulically cushioned.



Heavy Duty Demolition and Sorting Grabs with perforated shells D15H-P-75HD to D70H-P150HD

Type	Width E (mm/in)	Opening A (mm/in)	Height C (mm/in)	Volume (litre/c.y.)	Weight (kg/lbs)	Load (kg/lbs)	Closing force (kN/lbf)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
D15H-P-75HD	750 / 29.53	1730 / 68.11	1220 / 48.03	340 / 0.44	855 / 1881	5000 / 11000	43 / 9460	3000 / 2215	10 – 18 / 22000-39600
D16H-P-90HD	900 / 35.43	1730 / 68.11	1220 / 48.03	415 / 0.54	895 / 1969	5500 / 121000	43 / 9460	3000 / 2215	12 – 20 / 26400-44000
D19H-P-85HD	850 / 33.46	1725 / 67.91	1345 / 52.95	365 / 0.48	1025 / 2255	6500 / 14300	50 / 11000	3000/5700 / 2215/4205*	12 – 24 / 26400-52800
D20H-P-100HD	1000 / 39.37	1865 / 73.43	1380 / 54.33	480 / 0.63	1115 / 2453	7000 / 15400	48 / 10560	3000/5700 / 2215/4205*	13 – 25 / 28600-55000
D24H-P-100HD	1000 / 39.37	1970 / 77.56	1460 / 57.48	570 / 0.75	1315 / 2890	8000 / 17600	56 / 12320	3000/5700 / 2215/4205*	15 – 30 / 33000-66000
D32H-P-110HD	1100 / 43.34	2190 / 86.22	1540 / 60.63	825 / 1.08	1790 / 3938	10500 / 23100	70 / 15400	7000 / 5165**	20 – 40 / 44000-88000
D40H-P-125HD	1250 / 49.21	2325 / 91.54	1630 / 64.17	960 / 1.26	2010 / 4422	13500 / 29700	80 / 17600	7000 / 5165**	25 – 50 / 55000 -110000
D50H-P-140HD	1400 / 55.12	2325 / 91.54	1730 / 68.11	1075 / 1.41	2390 / 5258	16500 / 36300	80 / 17600	7000 / 5165**	35 – 60 / 7700-132000
D70H-P-150HD	1500 / 59.05	2700 / 106.30	2220 / 87.40	1660 / 2.17	4165 / 9163	23500 / 51700	140 / 30800	9000 / 6640**	50 – 80 / 110000-176000

Package consists of: demolition and sorting grab, integrated rotation with sturdy slewing ring, cutting edges and non-return valve

Optional second heavy duty motor for D19H-P HD, D20H-P HD, D24H-P HD

Notes: * optional with 2 motors for rotation ** second heavy duty hydraulic motor comes standard

Accessories

Type	Description
KM 690 15t	adapter for rigid mounting – up to 15t / 33000 lbs
KM 690 20t	adapter for rigid mounting – up to 20t / 44000 lbs
KM 690 27t	adapter for rigid mounting – up to 27t / 59400 lbs
OQ60	bolt-on adapter for Oilquick OQ60 – 12t to 18t / 26400 lbs to 39600 lbs
OQ65	bolt-on adapter for Oilquick OQ65 – 14t to 22t / 30800 lbs to 48400 lbs
OQ70	bolt-on adapter for Oilquick OQ70 – 15t to 28t / 33000 lbs to 61600 lbs
OQ80	bolt-on adapter for Oilquick OQ80 – 45t to 70t / 99000 lbs to 154000 lbs
SW10 rigid	bolt-on adapter SW10 for Lehnhoff quick change system MS/HS10 for rigid mounting – up to 19t / 41800 lbs
SW21 rigid	bolt-on adapter SW21 for Lehnhoff quick change system MS/HS21 for rigid mounting – up to 28t / 61600 lbs
SW25 rigid	bolt-on adapter SW25 for Lehnhoff quick change system MS/HS25 for rigid mounting – up to 40t / 88000 lbs
	adapter for quick exchange systems from other manufacturers available

Requirements of Excavator

Operating pressure (open/close):	D15 - D70: max. 35 MPa (350 bar) / 5040 psi
Pump capacity (open/close):	D15 / D16: 80 l/min / 21.14 GPM; D19 - D24: 100 l/min / 26.42 GPM; D32 - D50: 120 l/min / 31.70 GPM; D70: 200 l/min / 52.84 GPM
Hydraulic connection (grab/rotate):	D15 - D24: G 3/4" / G 1/2"; D32 - D50: G 1" - 25S / G 1/2"; D70: G 1 1/4" - 30S
Operating pressure (open/close):	D15 - D70: max. 14 Mpa (140 bar) / 2016 psi
Pump capacity (open/close):	D15 - D24: 40 l/min / 10.57 GPM; D32 - D70: 40 - 60 l/min / 10.57 - 15.85 GPM

Technical Drawings

