

Demolition and Sorting Grabs

D15H to D27H / D12H-P to D37H-P

Robust multi purpose grabs for excavators from 8t / 17600 lbs to 37t / 81400 lbs operating weight. Well-suited for demolition and separation of all kinds of building materials and waste.

- Robust, fully integrated rotation with sturdy slewing ring to withstand external forces, with connecting hoses located inside the hub. Hydraulic quick change adapters are directly mountable to the head plate. Different bolt patterns are available. Integrated pressure relief valve to avoid peak-pressures in rotation motor(s). (D12: incl. rotator KM 15 F273/273)
- Exceptional closing forces provided by two horizontal hydraulic cylinders which are well protected by the carrier.
- The end position (grab open) is hydraulically cushioned to avoid damage to the cylinder when the grab is pushed into the material.
- The grabs feature a perforated skins or metal ribs to let fine dust and debris through without larger pieces getting caught. The durable, replaceable and indexable wear blades (500HB) enable the grabs to pinch with their edges without excessive wear.



D24H-P

Demolition and Sorting Grabs with metal ribs D15H / D20H / D27H										
Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Height C min. (mm/in)	Volume (litre/c.y.)	Weight (kg/lbs)	Load capacity (kg/lbs)	Closing force (kN/lbf)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
D15H-80	800 / 31.50	1545 / 60.83	1215 / 47.83	1070 / 42.13	300 / 0.39	670 / 1474	4000 / 8800	27 / 5940	3000 / 2215	11-15 / 24200-33000
	1000 / 39.37	1890 / 74.41	1405 / 55.31	1210 / 47.63	450 / 0.59	1150 / 2530	5000 / 11000	43 / 9460	4000 / 2950	14-20 / 30800-44000
D27H-115	1150 / 45.28	2145 / 84.45	1575 / 62.00	1375 / 54.13	800 / 1.05	1700 / 3740	6000 / 13200	63 / 13860	5000 / 3690	20-27 / 44000-59400

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

Demolition and Sorting Grabs with perforated shells D12H-P / D15H-P / D20H-P / D24H-P / D27H-P / D37H-P										
Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Height C min. (mm/in)	Volume (litre/c.y.)	Weight (kg/lbs)	Load capacity (kg/lbs)	Closing force (kN/lbf)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
D12H-P-60	600 / 23.62	1550 / 61.02	1125 / 44.29	980 / 38.58	225 / 0.29	470 / 1034	3000 / 6600	36 / 7920	3000 / 2215	8-12 / 17600-26400
	800 / 31.50	1550 / 61.02	1215 / 47.83	1070 / 42.13	300 / 0.39	630 / 1386	4000 / 8800	27 / 5940	3000 / 2215	11-15 / 24200-33000
D20H-P-100	1000 / 39.37	1890 / 74.41	1400 / 55.12	1205 / 47.44	450 / 0.59	1120 / 2464	5000 / 11000	43 / 9460	4000 / 2950	14-20 / 30800-44000
	1000 / 39.37	2005 / 78.94	1470 / 57.87	1235 / 48.62	650 / 0.85	1175 / 2585	5000 / 11000	42 / 9240	5700 / 4204	18-24 / 39600-52800
D27H-P-115	1150 / 45.28	2145 / 84.45	1575 / 62.00	1410 / 55.51	800 / 1.05	1600 / 3520	6000 / 13200	63 / 13860	5000 / 3690	20-27 / 44000-59400
	1250 / 49.21	2260 / 88.98	1620 / 63.78	1480 / 58.27	950 / 1.24	2100 / 4620	8000 / 17600	86 / 18920	7000 / 5162	27-37 / 59400-81400

Package consists of: demolition and sorting grab, integrated rotation with sturdy slewing ring (D12H-P: rotator KM 15 F273/273), wear blades and non-return valve

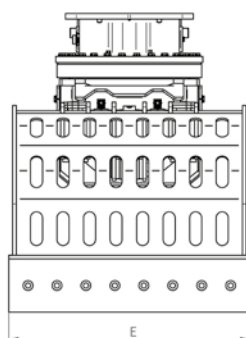
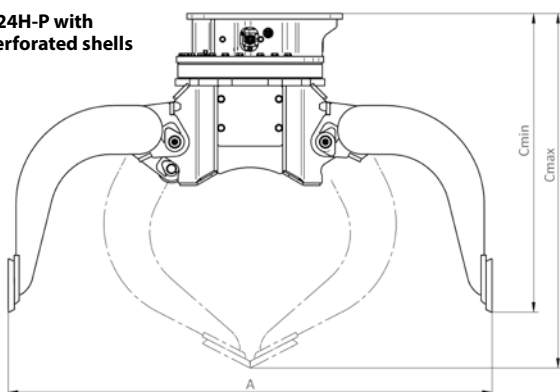
Accessories	
Type	Description
KM 690	adapter for rigid mounting
OQ	bolt-on adapter for Oilquick OQ – 5t to 70t / 11000 lbs to 154000 lbs
KSW21/25 rigid	bolt-on-adapter for „System L-Lock“ KMS21/25 / KHS21/25 for rigid mounting – up to 40t / 88000 lbs adapter for quick change systems - from other manufacturers or different sizes available on request

Requirements of Excavator

Operating pressure (open/close):	D12 - D20: max. 32 Mpa (320 bar) / 4608 psi; D24 - D37: max. 35 Mpa (350 bar) / 5040 psi
Recommended oil flow (open/close):	D12 - D37: 75 - max. 150 l/min / 19.82 - max. 39.63 GPM
Hydraulic connection (grab/rotate):	D12 - D20: G 3/4" / G 1/2"; D24 - D37: G 1" / G 1/2"
Operating pressure (rotation):	D12: max. 35 MPa (350 bar) / 5040 psi; D15 - D37: max. 14 MPa (140 bar) / 2016 psi
Recommended oil flow (rotation):	D12 - D37: 20 - max. 50 l/min / 5.28 - max. 13.21 GPM

Technical Drawings

D24H-P with perforated shells



D12H-P with perforated shells

