

Demolition and Sorting Grabs

D15H/D20H/D27H

Robust multi purpose grab for excavators up to 15t / 33000 lbs / 20t / 44000 lbs / 27t / 59400 lbs operating weight – ideal for demolition and segmentation of all kinds of building materials. Ideal for separating building debris and similar material.

- The grab is available with ribs or a perforated skin – both versions let fine dust and gravel through. The durable cutting edges can retain different materials, using the edge tips.
- Long life is ensured due to the use of 500 HB steel in the manufacture of replaceable cutting edges.
- Robust, fully integrated rotation with sturdy slewing ring to withstand external forces, with connecting hoses located inside the hub. Hydraulic quick exchange systems are mountable directly. Integrated pressure relief valve against overcharge.
- Exceptional closing forces through two horizontally positioned hydraulic cylinders that are protected by the bucket carrier.
- Cylinders are hydraulically cushioned.



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	1540 / 60.63	1210 / 47.64	1070 / 42.13	300 / 0.39	655 / 1441	4000 / 8800	36 / 7920	3000 / 2215	11-15 / 24200-33000
D20H-100	1000 / 39.37	1925 / 75.79	1450 / 57.09	1235 / 48.62	450 / 0.59	1050 / 2310	5000 / 11000	42 / 9240	4000 / 2950	14-20 / 30800-44000
D27H-115	1150 / 45.28	2140 / 84.25	1615 / 63.58	1410 / 55.51	800 / 1.05	1585 / 3487	6000 / 13200	63 / 13860	5000 / 3690	20-27 / 44000-59400

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

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
OQ70/55	bolt-on adapter for Oilquick OQ70/55 – 18t to 28t / 39600 lbs to 61600 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
	adapter for quick exchange systems from other manufacturers available
KM 685 09 E	bolt on side plates
KM 685 10	retrofitted plate to close backside for handling of small material

Requirements of Excavator

Operating pressure (open/close):	D15 - D20: max. 32 Mpa (320 bar) / 4608 psi; D27: max. 35 Mpa (350 bar) / 5040 psi
Pump capacity (open/close):	D15 - D27: 75 - 150 l/min / 19.82 - 39.63 GPM
Hydraulic connection (grab/rotate):	D15 - D20: G 3/4" / G 1 1/2"; D27: G 1" / G 1 1/2"
Operating pressure (rotation):	D15: max. 15 MPa (150 bar) / 2160 psi; D20 - D27: max. 17 MPa (170 bar) / 2448 psi
Pump capacity (rotation):	D15 - D27: 25 - 60 l/min / 6.61 - 15.85 GPM

Technical Drawings

