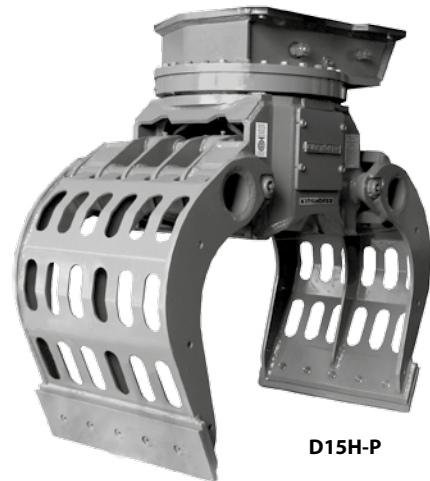


# Demolition and Sorting Grabs

# 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.



**D15H-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)
<b>D15H-80</b>	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
<b>D20H-100</b>	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
<b>D27H-115</b>	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, 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)
<b>D12H-P-60</b>	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
<b>D15H-P-80</b>	800 / 31.50	1540 / 60.63	1210 / 47.64	1070 / 42.13	300 / 0.39	650 / 1430	4000 / 8800	36 / 7920	3000 / 2215	11-15 / 24200-33000
<b>D20H-P-100</b>	1000 / 39.37	1925 / 75.79	1450 / 57.09	1235 / 48.62	450 / 0.59	1020 / 2244	5000 / 11000	42 / 9240	4000 / 2950	14-20 / 30800-44000
<b>D24H-P-100</b>	1000 / 39.37	2005 / 78.94	1470 / 57.87	1235 / 48.62	500 / 0.65	1175 / 2585	5000 / 11000	42 / 9240	5700 / 4204	18-24 / 39600-52800
<b>D27H-P-115</b>	1150 / 45.28	2140 / 84.25	1615 / 63.58	1410 / 55.51	800 / 1.05	1485 / 3267	6000 / 13200	63 / 13860	5000 / 3690	20-27 / 44000-59400
<b>D37H-P-125</b>	1250 / 49.21	2260 / 88.98	1620 / 63.78	1480 / 58.27	950 / 1.24	1920 / 4224	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
<b>KM 690 15t</b>	adapter for rigid mounting – up to 15t / 33000 lbs
<b>KM 690 20t</b>	adapter for rigid mounting – up to 20t / 44000 lbs
<b>KM 690 27t</b>	adapter for rigid mounting – up to 27t / 59400 lbs
<b>KM 690 40t</b>	adapter for rigid mounting – up to 40t / 88000 lbs
<b>OQ</b>	bolt-on adapter for Oilquick OQ – 5t to 70t / 11000 lbs to 154000 lbs
<b>KSW21 rigid</b>	bolt-on adapter for „System Lehnhoff“ KMS21/KHS21 for rigid mounting – up to 28t / 61600 lbs
	adapter for quick change systems - from other manufacturers or different sizes available on request

Requirements of Excavator	
<b>Operating pressure (open/close):</b>	<b>D12 - D20: max. 32 Mpa (320 bar) / 4608 psi; D24 - D37: max. 35 Mpa (350 bar) / 5040 psi</b>
<b>Recommended oil flow (open/close):</b>	D12 - D37: 75 - max. 150 l/min / 19.82 - max. 39.63 GPM
<b>Hydraulic connection (grab/rotate):</b>	D12 - D20: G 3/4" / G 1/2"; D24 - D37: G 1" / G 1/2"
<b>Operating pressure (rotation):</b>	<b>D12: max. 20 MPa (200 bar) / 2880 psi; D15 - D37: max. 14 MPa (140 bar) / 2016 psi</b>
<b>Recommended oil flow (rotation):</b>	D12 - D37: 20 - max. 50 l/min / 5.28 - max. 13.21 GPM

### Technical Drawings

