Demolition and Sorting Grab with cylinder 8-12t / *17,600-26,400lbs* D12H-P

Robust multi purpose grabs for excavators from 8t / 17,600lbs to 12t / 26,400lbs operating weight. Well-suited for demolition and seperation of all kinds of building materials and waste.

- Including flat 15t rotator – **low height**! Integrated **non-return valve** to avoid peak-pressures.
- **High closing force** thanks to two horizontal cylinders, completely protected by the shell carrier.
- The **end position** (grab open) is **hydraulically cushioned** to avoid damage to the cylinder when the grab is pushed into the material.
- The grab features a **perforated skin** to let fine dust and debris through without larger pieces getting caught. The durable, replaceable and **reversible wear blades** (500HB) enable the grabs to pinch with their edges without excessive wear.

Request? exc@kinshofer.com

Demolition and Sorting Grab D12H-P

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Height C min. (mm/in)	Volume (liter/c.y.)	Weight (kg/lbs)	Load capacity (kg/lbs)
D12H-P-60	600 / 23.6	1,550 / 61	1,125 / 44.2	980 / 38.5	225 / 0.29	470 / 1,034	3,000 / 6,600

Package consists of: demolition and sorting grab, KINSHOFER rotator, non-return valve, wear plates

KINSHOFER Rotator

Continuous rotation and two oil passages. Overload protection is ensured by pressure relief valves.

Type	Upper dimension (hole/Ø-hole pattern) (mm/in)	Torque (Nm/ft.lbs)	Bending moment max. (Nm/ft.lbs)
KM 15 F273/273	10 x M16; Ø 273 / 10.7	2,000 / 1,475	50,000 / 36,875

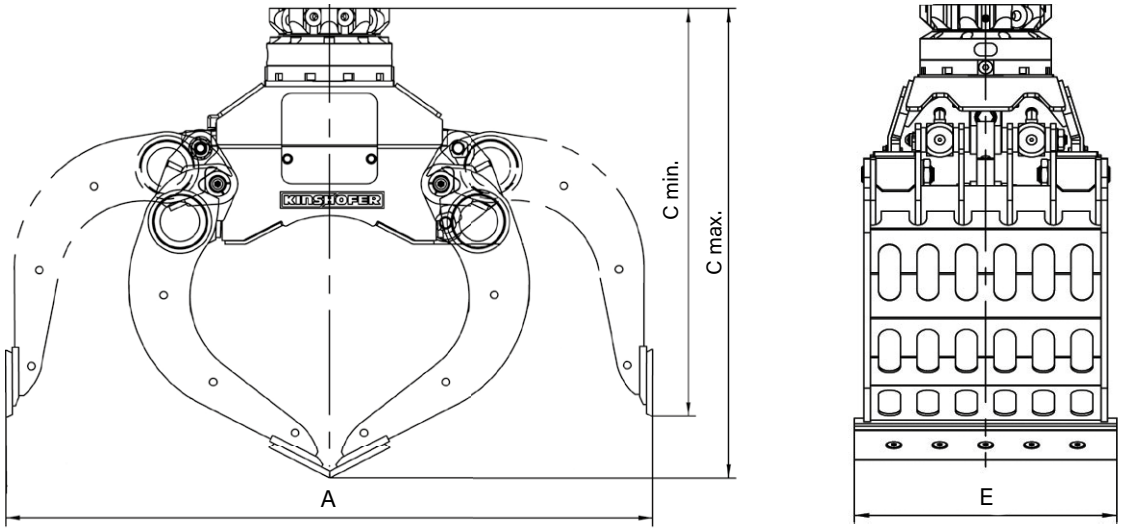
Accessories

Type	Description
KM 690 15t	adapter for rigid mounting – up to 15t/33,000lbs
OQ45/4 rigid	bolt-on adapter for Oilquick OQ45 – 5t/11,000lbs to 12t/26,400lbs
KSW08 rigid	bolt-on adapter for system L-Lock KMS08L/KHS08L for rigid mounting – up to 12t/26,400lbs
	adapters for quick change systems from other manufacturers or different sizes on request
KM 980-2 2t-8t c	solenoid valve for additional circuit, up to 26MPa/3,770psi, incl. parts and mounting

Requirements of carrier machine

Operating pressure (open/close):	**max. 32 MPa (320 bar) / 4,640 psi**
Recommended pump capacity (open/close):	75 - max. 150 l/min / 20 - max. 40 GPM
Hydraulic connection (open/close):	G 3/4" / G 1/2"
Operating pressure (rotate):	**max. 20 MPa (200 bar) / max. 2,900psi**
Recommended pump capacity (rotate):	max. 60 l/min / max. 16 GPM

Technical drawing



We reserve the right to amend specifications without prior notice. KINSHOFER GmbH, 83607 Holzkirchen, Germany

Demolition and Sorting Grabs 10-37t / *22,000-81,400lbs* D15H-P to D37H-P

Robust Demolition and Sorting Grabs for excavators from 10t / 22,000lbs to 37t / 81,400lbs 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 mounted onto the head plate. Different bolt patterns are integrated as well as a **pressure relief valve** to avoid peak-pressures in rotation motor(s).
- **Exceptional closing forces** provided by two horizontal hydraulic cylinders with integrated pressure relief valve, which are completely protected by the carrier.
- The **end position** (grab open) is **hydraulically cushioned** to prevent the shells from hitting hard.
- All **bearings** are equipped with **V-ring seals** to prevent grease loss and the ingress of dirt. The **bearing bolts** are secured with cap nuts.
- The **reinforced shell walls** with offset perforation increase stability and do not require an additional center strip, thus preventing damage to BigBags, for example.
- The **durable, extra-strong wear-resistant wear blades** (500HB) with **sunk-in screws on both sides** are **reversible** and **replaceable**.

D27H-P

Request? exc@kinshofer.com

Demolition and Sorting Grabs D15H-P / D20H-P / D24H-P / D27H-P / D37H-P

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. - min. (mm/in)	Volume (liter/c.y.)	Weight (kg/lbs)	Load capacity (kg/lbs)	Operating weight (t/lbs)
D15H-P-80	800 / 31.5	1,550 / 61.0	1,215 - 1,070 / 47.8 - 42.1	300 / 0.39	630 / 1,386	4,000 / 8,800	10 - 15 / 22,000 - 33,000
D20H-P-100	1,000 / 39.4	1,890 / 74.4	1,400 - 1,205 / 55.1 - 47.4	450 / 0.59	1,120 / 2,464	5,000 / 11,000	14 - 20 / 30,800 - 44000
D24H-P-100	1,000 / 39.4	2,005 / 78.9	1,470 - 1,235 / 57.9 - 48.6	650 / 0.85	1,175 / 2,585	5,000 / 11,000	18 - 24 / 39,600 - 52,800
D27H-P-115	1,150 / 45.3	2,145 / 84.4	1,575 - 1,375 / 62.0 - 54.1	800 / 1.05	1,600 / 3,520	6,000 / 13,200	20 - 27 / 44,000 - 59400
D32H-P-120	1,200 / 47.2	2,200 / 86.6	1,590 - 1,460 / 62.6 - 57.5	900 / 1.18	2,050 / 4,510	8,000 / 17,600	27 - 32 / 59,400 - 70,400
D37H-P-125	1,250 / 49.2	2,260 / 89.0	1,620 - 1,480 / 63.8 - 58.3	950 / 1.24	2,100 / 4,620	8,000 / 17,600	32 - 37 / 70,400 - 81,400

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

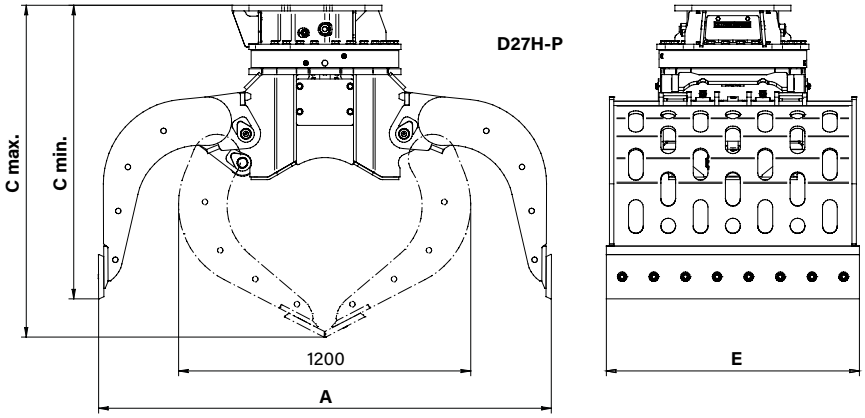
Accessories

Type	Description
KM 690 15t-27t	adapter for specific solutions – 15 to 27t / 33,000lbs to 59,400lbs
KSW10 rigid	bolt-on-adapter for system L-Lock KMS10L/KHS10L – up to 19t/41,800lbs
KSW21/25 rigid	bolt-on-adapter for system L-Lock KMS21/25L / KHS21/25L – up to 40t/88,000lbs
OQ60-5/4 rigid	bolt-on-adapter for Oilquick OQ – 8t to 15t / 17,600lbs to 33,000lbs
OQ65/4 rigid	bolt-on-adapter for Oilquick OQ – 14t to 22t / 30,800lbs to 48,400lbs
OQ70/55/4 rigid	bolt-on-adapter for Oilquick OQ – 18t to 32t / 39,600lbs to 70,400lbs
	adapters for quick change systems from other manufacturers or different sizes available on request

Requirements of carrier machine

Operating pressure (open/close):	**D15 - D20: max. 32 MPa (320 bar) / 4,640 psi; D24 - D37: max. 35 MPa (350 bar) / 5,070 psi**
Pump capacity (open/close):	D15 - D37: 75 - max. 150 l/min / 20 - max. 40 GPM
Hydraulic connections (rotate):	D15 - D20: G 3/4" / G 1/2"; D24 - D37: G 1" / G 1/2"
Operating pressure (rotate):	**D15 - D37: max. 14 MPa (140 bar) / 2,030 psi**
Pump capacity (rotate):	D15 - D37: max. 50 l/min / 13 GPM

Technical drawings



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