

D12H-P Demolition and Sorting Grab with cylinder 8-12t / 17600-26400lbs

Robust multi purpose grabs for excavators from 8t / 17600lbs to 12t / 26400lbs operating weight. Well-suited for demolition and separation 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** (36kN/7920lbf) 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 **indexable wear blades** (500HB) enable the grabs to pinch with their edges without excessive wear.



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	1550 / 61	1125 / 44.2	980 / 38.5	225 / 0.29	470 / 1034	3000 / 6600

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	2000 / 1475	50000 / 36875

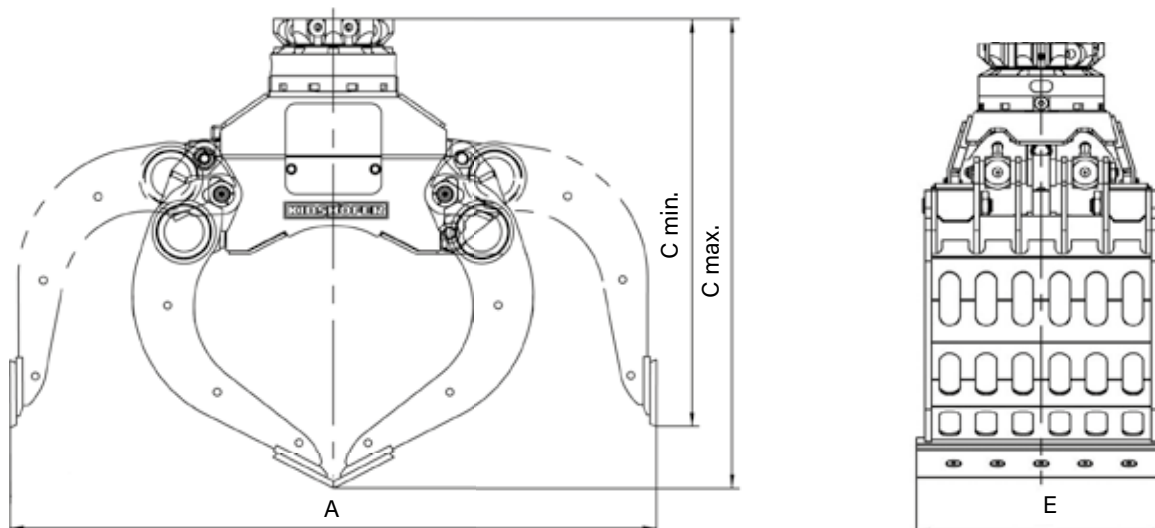
Accessories

Type	Description
KM 690 15t	adapter for rigid mounting – up to 15t/33000lbs
OQ45/4 rigid	bolt-on adapter for Oilquick OQ45 – 5t/11000lbs to 12t/26400lbs
KSW08 rigid	bolt-on adapter for system L-Lock KMS08L/KHS08L for rigid mounting – up to 12t/26400lbs
	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/3770psi, incl. parts and mounting

Requirements of carrier machine

Operating pressure (open/close):	max. 32 MPa (320 bar) / 4640 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. 2900psi
Recommended pump capacity (rotate):	max. 60 l/min / max. 16 GPM

Technical drawing



D15H-P to D37H-P Demolition and Sorting Grabs 10-37t / 22000-81400lbs

Robust Demolition and Sorting Grabs for excavators from 10t/22000lbs to 37t/81400lbs 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).
- ▷ **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 **perforated shells** 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 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)	Closing force (kN/lbf)	Operating weight (t/lbs)
D15H-P-80	800 / 31.5	1550 / 61.0	1215-1070 / 47.8-42.1	300 / 0.39	630 / 1386	4000 / 8800	27 / 5940	10-15 / 22000-33000
D20H-P-100	1000 / 39.4	1890 / 74.4	1400-1205 / 55.1-47.4	450 / 0.59	1120 / 2464	5000 / 11000	43 / 9460	14-20 / 30800-44000
D24H-P-100	1000 / 39.4	2005 / 78.9	1470-1235 / 57.9-48.6	650 / 0.85	1175 / 2585	5000 / 11000	42 / 9240	18-24 / 39600-52800
D27H-P-115	1150 / 45.3	2145 / 84.4	1575-1375 / 62.0-54.1	800 / 1.05	1600 / 3520	6000 / 13200	63 / 13860	20-27 / 44000-59400
D32H-P-120	1200 / 47.2	2200 / 86.6	1590-1460 / 62.6-57.5	900 / 1.18	2050 / 4510	8000 / 17600	89 / 19580	27-32 / 59400-70400
D37H-P-125	1250 / 49.2	2260 / 89.0	1620-1480 / 63.8-58.3	950 / 1.24	2100 / 4620	8000 / 17600	86 / 18920	32-37 / 70400-81400

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	adapter for rigid mounting - up to 15t/33000lbs
KM 690 20t	adapter for rigid mounting - up to 20t/44000lbs
KM 690 27t	adapter for rigid mounting - up to 27t/59400lbs
KM 690 32t	adapter for rigid mounting - up to 32t/70400lbs
OQ	bolt-on-adapter for Oilquick - up to 70t/154000lbs available
KSW10 rigid	bolt-on-adapter for system L-Lock KMS10L/KHS10L - up to 19t/41800lbs.
KSW21/25 rigid	bolt-on-adapter for system L-Lock KMS21/25L / KHS21/25L - up to 40t/88000lbs 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) / 4640psi; D24 - D37: max. 35 MPa (350 bar) / 5070psi
Pump capacity (open/close):	D15 - D37: 75 - max. 150 l/min / 20 - max. 40GPM
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) / 2030psi
Pump capacity (rotate):	D15 - D37: max. 50 l/min / 13GMP

Technical drawings

