Multi Purpose Grab with cylinder 8-12t / *17,600-26,400lbs* A12H

Robust multi purpose grab for excavators up to 12t / 26,400lbs operating weight - ideal for landscaping architecture.

- **Efficient tool** for the exact positioning of natural rocks and for the handling of filling material – **without additional set-up times**.
- The **sophisticated ergonomics** and the design of the shells enables loading, sorting, digging and demolition operations with maximum efficiency.
- The grab needs three circuits incl. bucket cylinder. As an alternative to the third oil circuit, the function grab and rotate can be realized by a **solenoid valve**.
- **Long life** is ensured due to the use of 500HB steel in the manufacture of cutting edges.
- **Rigid mounting and flat 360° rotator for precise positioning**!

Multi Purpose Grab A12H

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Gripping range D min. (Ø mm/in)	Volume (liter/c.y.)	Teeth (#)	Weight (kg/lbs)	Load capacity (kg/lbs)
A12H-60	600 / 23.6	1,870 / 73.6	1,350 / 53.1	605 / 23.8	260 / 0.34	5	550 / 1,210	3,000 / 6,600

Package consists of: multi purpose grab, plug-in teeth, KINSHOFER rotator and non-return valve

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

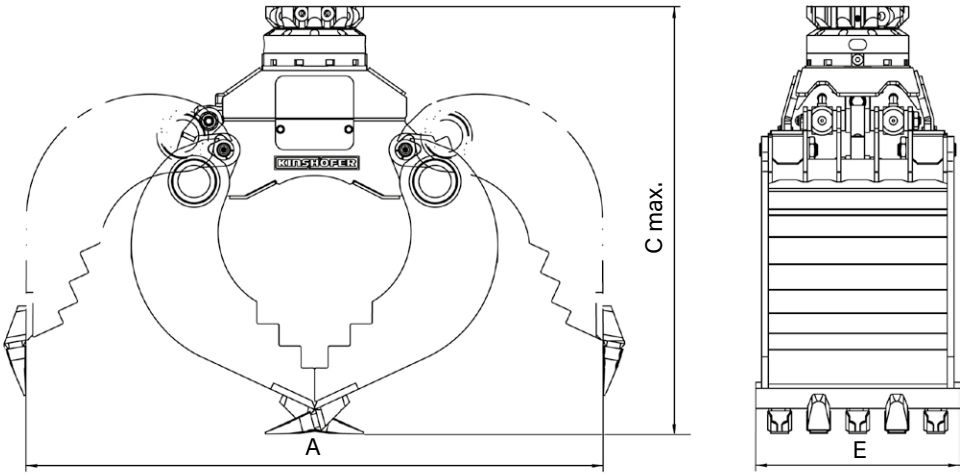
Accessories

Type	Description
KM 690 15t	adapter for rigid mounting – up to 15t/33,000lbs
OQ45/4 rigid	bolt-on adapter for Oilquick OQ45 - up 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. 35 MPa (350 bar) / 5,070 psi**
Recommended pump capacity (rotate):	20 - max. 50 l/min / 5 - max. 13 GPM

Technical drawing



Request? exc@kinshofer.com

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

Multi Purpose Grabs 11-27t / *24,200-59,400lbs* A15H / A20H / A27H

Robust multi purpose grab for excavators up to 15t / 33,000lbs, 20t / 44,000lbs or 27t / 59,400lbs operating weight - ideal for landscaping architecture.

- Efficient tool for the **exact positioning of natural rocks and for the handling of filling material** – without additional set-up times.
- The sophisticated ergonomics and the design of the shells enables loading, sorting, digging and demolition operations with **maximum efficiency**.
- Rigid mounting at the tilting joint of the bucket cylinder of the excavator guarantees **precise positioning**.
- The grab requires three hydraulic functions including the bucket cylinder.
- **Long life** is ensured due to the use of 500HB steel in the manufacture of 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.

A15H

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Multi Purpose Grab A15H / A20H / A27H

Type	Width E (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Grip. range D min. (mm/in)	Volume (liter/c.y.)	Number of teeth	Weight (kg/lbs)	Load capacity (kg/lbs)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
A15H-60	600 / 23.6	1,900 / 74.8	1,455 / 57.3	610 / 24.0	300 / 0.39	5	690 / 1,518	4,000 / 8,800	3,000 / 2,212.5	11 - 15 / 24,200 - 33,000
A20H-70	700 / 27.6	2,040 / 80.3	1,620 / 63.8	550 / 21.7	400 / 0.52	7	1,035 / 2,277	5,000 / 11,000	4,000 / 4,203.8	14 - 20 / 30,800 - 44,000
A27H-80	800 / 31.5	2,100 / 82.7	1,720 / 67.7	513 / 20.2	500 / 0.65	5	1,500 / 3,300	6,000 / 13,200	5,000 / 3,687.5	18 - 27 / 39,600 - 59,400

Package consists of: multi purpose grab, bolt-on teeth, integrated rotation with sturdy slewing ring, non-return valve

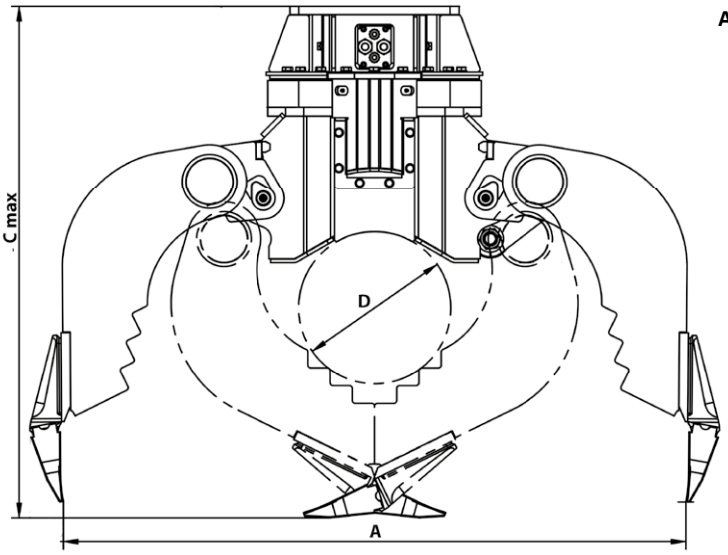
Accessories

Type	Description
KM 691 15t-27t	adapter for specific solutions – 15 to 27t / 33,000lbs to 59,400lbs
KM 690 15t-27t	adapter for rigid mounting – 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

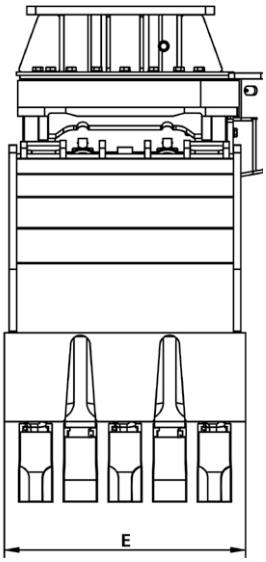
Requirements of carrier machine

	A15H / A20H	A27H
Operating pressure (open/close):	**max. 32 MPa (320 bar) / 4,640psi**	**max. 35 MPa (350 bar) / 5,070psi**
Pump capacity (open/close):	75 - max. 150 l/min / 20 - max. 40GPM	75 - max. 150 l/min / 20 - max. 40GPM
Hydraulic connections (open/close):	G 3/4" / G 1/2"	G 1" / G 1/2"
Operating pressure (rotate):	**max. 17 MPa (170 bar) / 2,460psi**	**max. 17 MPa (170 bar) / 2,460psi**
Pump capacity (rotate):	20 - max. 50 l/min / 5 - max. 13GPM	20 - max. 50 l/min / 5 - max. 13GPM

Technical drawings



A27H



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