

Robust multi purpose grab for excavators up to 12t/26400lbs 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)	Closing force (kN/lbf)
A12H-60	600 / 23.6	1870 / 73.6	1350 / 53.1	605 / 23.8	260 / 0.34	5	550 / 1210	3000 / 66000	30 / 6600

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	2000 / 1475	50000 / 36875

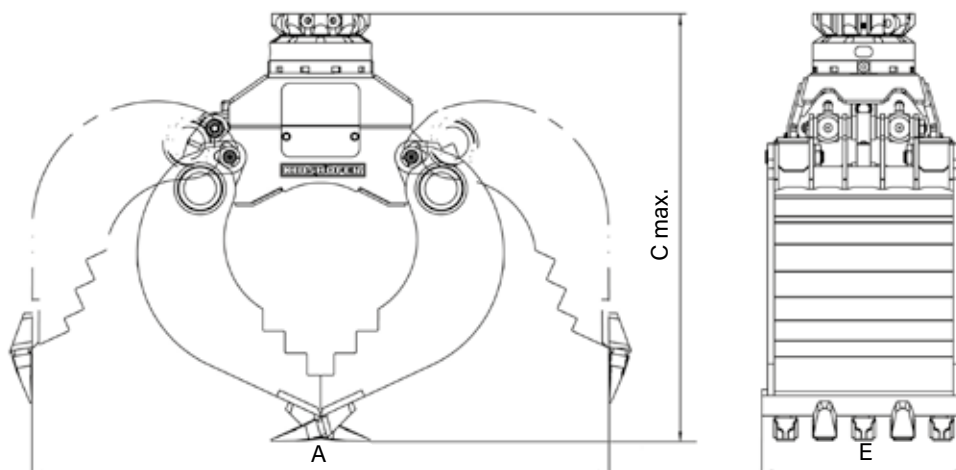
Accessories

Type	Description
KM 690 15t	adapter for rigid mounting – up to 15t/33000lbs
OQ45/4 rigid	bolt-on adapter for Oilquick OQ45 - up 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

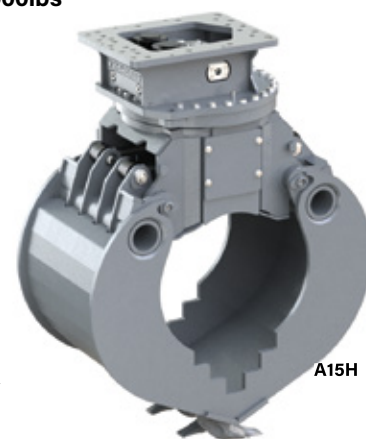
Operating pressure (open/close):	max. 32 MPa (320 bar) / 4640 psi
Recommended pump capacity (open/close):	75 - max. 150 l/min / 20 - max. 40 GPM
Hydraulic connection (open/close):	G 3/4" / G 1/2"
Operating pressure (rotate):	max. 35 MPa (350 bar) / 5070 psi
Recommended pump capacity (rotate):	20 - max. 50 l/min / 5 - max. 13 GPM

Technical drawing



Robust multi purpose grab for excavators up to 12t/ 26400lbs, 15t/33000lbs, 20t/44000lbs or 27t/59400lbs 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.



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)	Closing force (kN/lbf)	Torque (Nm/ft.lbs)	Operating weight (t/lbs)
A15H-60	600/ 23.6	1900/ 74.8	1455/ 57.3	610/ 24.0	300/ 0.39	5	690/ 1518	4000/ 8800	27/ 5940	3000/ 2212.5	11-15/ 24200-33000
A20H-70	700/ 27.6	2040/ 80.3	1620/ 63.8	550/ 21.7	400/ 0.52	7	1035/ 2277	5000/ 11000	40/ 8800	4000/ 4203.8	14-20/ 30800-44000
A27H-80	800/ 31.5	2100/ 82.7	1720/ 67.7	513/ 20.2	500/ 0.65	5	1500/ 3300	6000/ 13200	63/ 13860	5000/ 3687.5	18-27/ 39600-59400

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

Accessories

Type	Description
KM 691 15t	adapter for specific solutions – up to 15t/33000lbs
KM 691 20t	adapter for specific solutions – up to 20t/44000lbs
KM 691 27t	adapter for specific solutions – up to 27t/59400lbs
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
OQ	bolt-on-adapter for Oilquick OQ – 5t to 70t/11000lbs to 154000lbs
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

	A15H / A20H	A27H
Operating pressure (open/close):	max. 32 MPa (320 bar) / 4640psi	max. 35 MPa (350 bar) / 5070psi
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) / 2460psi	max. 17 MPa (170 bar) / 2460psi
Pump capacity (rotate):	20 - max. 50 l/min / 5 - max. 13GPM	20 - max. 50 l/min / 5 - max. 13GPM

Technical drawings

