

Robust multi purpose grab for excavators up to 12t 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 inkl. 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 500 HB steel in the manufacture of cutting edges.
- ▶ **Rigid mounting and flat 360° rotator for precise positioning!**



Multi Purpose Grab A12H

Type	Width E (mm)	Opening A (mm)	Height C max. (mm)	Gripping range D min. (Ø mm)	Volume (liter)	Teeth (#)	Weight (kg)	Load capacity (kg)	Closing force (kN)
A12H-60	600	1870	1350	605	260	5	550	3000	30

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)	Torque (Nm)	Bending moment max. (Nm)
KM 15 F273/273	10 x M16 / Ø 273	2000	50000

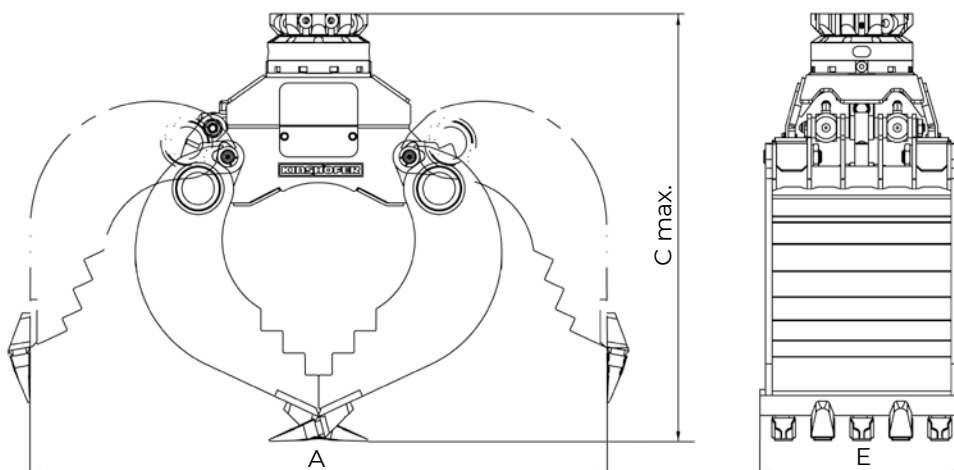
Accessories

Type	Description
KM 690 15t	adapter for rigid mounting – up to 15t
OQ45/4 rigid	bolt-on adapter for Oilquick OQ45 - up to 12t
KSW08 rigid	bolt-on adapter for system L-Lock KMS08L/KHS08L for rigid mounting – up to 12t
	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 26 MPa, incl. parts and mounting

Requirements of carrier machine

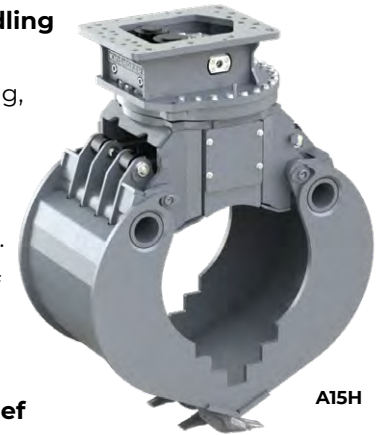
Operating pressure (open/close):	max. 32 MPa (320 bar)
Recommended pump capacity (open/close):	75 - max. 150 l/min
Hydraulic connection (open/close):	G 3/4" / G 1/2"
Operating pressure (rotate):	max. 35 MPa (350 bar)
Recommended pump capacity (rotate):	20 - max. 50 l/min

Technical drawing



Robust multi purpose grab for excavators up to 12t, 15t, 20t or 27t 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 500 HB 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

Multi Purpose Grab A15H / A20H / A27H

Type	Width E (mm)	Opening A (mm)	Height C max. (mm)	Grip. range D min. □ (mm)	Volume (liter)	Number of teeth	Weight (kg)	Load capacity (kg)	Closing force (kN)	Torque (Nm)	Operating weight (t)
A15H-60	600	1900	1455	610	300	5	690	4000	27	3000	11 – 15
A20H-70	700	2040	1620	550	400	7	1035	5000	40	4000	14 – 20
A27H-80	800	2100	1720	513	500	5	1500	6000	63	5000	18 – 27

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
KM 691 20t	adapter for specific solutions – up to 20t
KM 691 27t	adapter for specific solutions – up to 27t
KM 690 15t	adapter for rigid mounting – up to 15t
KM 690 20t	adapter for rigid mounting – up to 20t
KM 690 27t	adapter for rigid mounting – up to 27t
OQ	bolt-on-adapter for Oilquick OQ – 5t to 70t
KSW10 rigid	bolt-on-adapter for system L-Lock KMS10L/KHS10L – up to 19t
KSW21/25 rigid	bolt-on-adapter for system L-Lock KMS21/25L / KHS21/25L – up to 40t

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)	max. 35 MPa (350 bar)
Pump capacity (open/close):	75 - max. 150 l/min	75 - max. 150 l/min
Hydraulic connections (open/close):	G 3/4" / G 1/2"	G 1" / G 1/2"
Operating pressure (rotate):	max. 17 MPa (170 bar)	max. 17 MPa (170 bar)
Pump capacity (rotate):	20 - max. 50 l/min	20 - max. 50 l/min

Technical drawings

