

The new multi purpose grabs with the low maintenance *HPXdrive* for excavators up to 9t/19,800lbs operating weight – THE ideal and productive tool for landscaping as it allows the precise positioning of natural stones and exact placing of loose fill material too.

- ▷ **HPXdrive** – the revolutionary concept for hydraulically operated grabs! The rotation of the arms of the grab is generated by two hollow shafts, which run opposed and have a helix thread, hydraulically driven by a single piston. **No hydraulic cylinder required!**
- ▷ **50% longer life cycle.** The drive unit runs in a permanent oil bath – no lubrication necessary. Resistant against dirt and blows, due to the compact design.
- ▷ The **sophisticated ergonomics** and the design of the shells enables loading, sorting, digging and demolition operations with maximum efficiency.
- ▷ **Constant closing force** during the entire operation.
- ▷ Different applications possible thanks to easy **shell exchange system.**
- ▷ Optional: accessories available like **bolt-on side plates** and **4-Grip**.



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## Multi Purpose Grab A09HPX

Type	Width (mm/in)	Opening A (mm/in)	Height C max. (mm/in)	Teeth (#)	Volume (liter/c.y.)	Weight (kg/lbs)	Load capacity* (kg/lbs)
<b>A09HPX-50</b>	500 / 19.7	1,545 / 60.8	1,087 / 42.8	5	210 / 0.27	407 / 895	2,500 / 5,500

\* the load capacity indicated depends on the characteristics of the load (surface, largeness etc.)

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

## KINSHOFER Rotator

Integrated in a single unit with *HPXdrive*, no more connecting hoses. Continuous rotation. Overload protection by pressure relief valves.

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

## Accessories

Type	Description
<b>KM 691 8t</b>	adapter plate for specific solutions – up to 8t/17,600lbs
<b>KM 690 8t</b>	adapter for rigid mounting – up to 8t/17,600lbs
<b>OQ45/4 rigid</b>	bolt-on adapter for Oilquick OQ45 – 5t/11000lbs to 12t/26,400lbs
<b>KSW08 rigid</b>	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
<b>KM 980-2 2t-8t c</b>	solenoid valve for additional circuit, up to 26MPa / 3,770psi, incl. parts and mounting
<b>KM 685 09E-A02-A09</b>	bolt-on side walls for A04 to A09
<b>KM 685 05-D06/09-A06/09</b>	4-Grip for D06/A06 (load capacity: 600 kg / 1,320 lbs) and D09/A09 (load capacity: 900 kg / 1,980 lbs)

## Requirements of carrier machine

### Operating pressure at pump capacity (open/close):

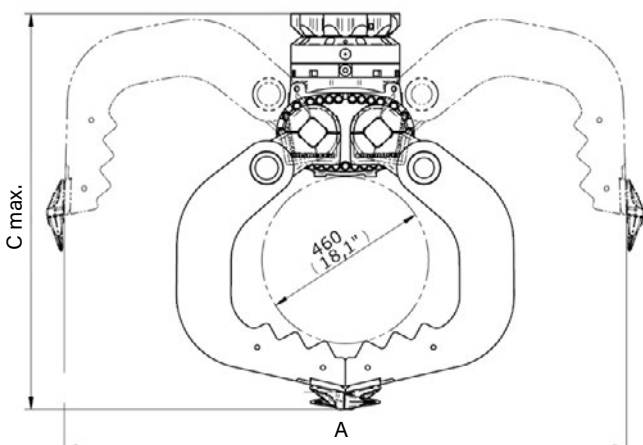
26 MPa (260 bar) at max. 75 l/min / 3,745 psi at max. 20 GPM

26 - 32 MPa (260 - 320 bar) at max. 40 l/min / 3,745 - 4,640 psi at max. 10.6 GPM

### Operating pressure at pump capacity (rotate):

32 MPa (320 bar) at 20 - 50 l/min / 4,640 psi at 5.3 - 13 GPM

## Technical drawings



optional 4-Grip gripping device



optional bolt-on side walls



free extension of warranty  
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