

The new multi purpose grabs with the low maintenance *HPXdrive* for excavators up to 9t 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**.



### Multi Purpose Grab A09HPX

Type	Width E (mm)	Opening A (mm)	Height C max. (mm)	Teeth (#)	Volume (liter)	Weight (kg)	Load capacity* form locking (kg)	Load capacity* friction locking (kg)
<b>A09HPX-50</b>	500	1545	1087	5	210	407	2500	1000

\* 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 the *HPXdrive*, no more connecting hoses. Continuous rotation. Overload protection ensured by pressure relief valves.

Type	Upper dimension (hole/Ø-hole pattern) (mm)	Torque (Nm)	Bending moment max. max. (Nm)
<b>KM 15 F273/273</b>	10 x M16 / Ø 273	2000	50000

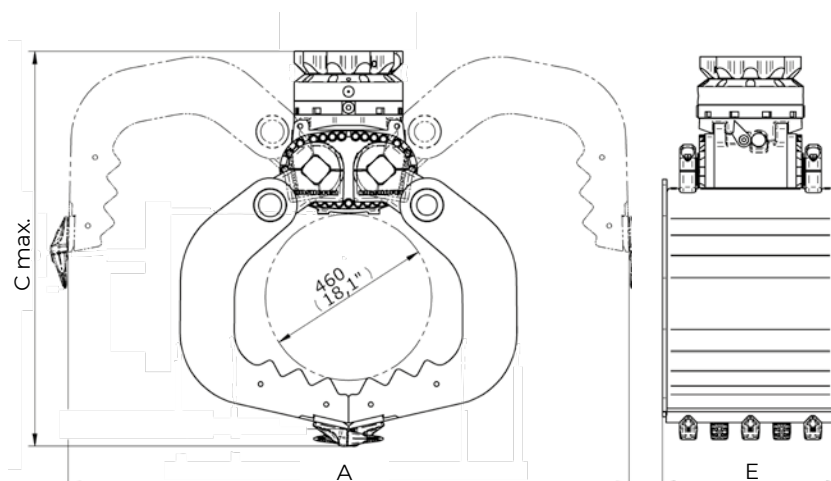
### Accessories

Type	Description
<b>KM 691 8t</b>	adapter plate for specific solutions – up to 8t
<b>KM 690 8t</b>	adapter for rigid mounting – up to 8t
<b>OQ45/4 rigid</b>	bolt-on adapter for Oilquick OQ45 – 5t to 12t
<b>KSW08 rigid</b>	bolt-on adapter for system L-Lock KMS08L/KHS08L for rigid mounting – up to 12t
<b>KM 980-2 2t-8t c</b>	adapters for quick change systems from other manufacturers or different sizes on request
<b>KM 685 09E-A02-A09</b>	solenoid valve for additional circuit, up to 26 MPa, incl. parts and mounting
<b>KM 685 05-D09-A09</b>	bolt-on side walls for A02 to A09
<b>KM 685 05-D09-A09</b>	4-grip for D09/A09 (load capacity: 750 kg)

### Requirements of carrier machine

<b>Operating pressure (open/close):</b>	<b>max. 32 MPa (320 bar) / Druck intern 26 MPa (260 bar)</b>
<b>Recommended pump capacity (open/close):</b>	40 - max. 75 l/min
<b>Operating pressure (rotate):</b>	<b>max. 32 MPa (320 bar)</b>
<b>Recommended pump capacity (rotate):</b>	20 - max. 50 l/min

### Technical drawing



Free extension of warranty  
kinshofer.com/service



Option: bolt-on side walls