

The KM 613HPX-HD with *HPXdrive Heavy Duty* for positioning and handling natural stones, curbstones etc. is an ideal tool for landscaping architecture. A non-return valve secures constant pressure even in case of unexpected pressure drop. The revolutionary *HPXdrive* technology guarantees a reliable and low- maintenance attachment.

- ▷ **Reliability** of the HPXdrive! The movement of the arms of the grapple is generated by two hollow shafts, which run opposed and have a helix thread, hydraulically driven by a single piston. **No more hydraulic cylinder!**
- ▷ **Longer life cycle** up to 50%! The drive unit runs in a permanent oil bath no lubrication service is necessary. The compact design makes the HPXdrive resistant to dirt and debris.
- ▷ **Versatility** with different types of shells that can easily be refitted onto the driving unit.
- ▷ **Profitability** through low maintenance costs and longer life cycle.
- ▷ **Precise handling** with the gear-type KINSHOFER rotator and shells synchronised by the single piston turning both shafts.
- ▷ **Rotator with shaft** is available as an alternative, in case a quick change to a non-rotating hook is favoured.
- ▷ **Constant closing force** (4,840 lbf at 4,600 psi operating pressure) for the entire opening and closing process; high efficiency provided by hydro static bearings of the axes.



### Package rock grapple KM 613HPX-HD with **KINSHOFER** flange rotator

Type	Capacity (cords)	Width B (in)	Height (in)	Opening max. (in)	Self weight (lbs)	Closing force (lbf @4,600 psi)	Load capacity (lbs)
<b>KM 613HPX-HD-0,35 c</b>	0.23	16	50	67	737	4,840	4,400

**Package consists of:** rock grapple, rotator KM 06 F140-40, upper suspension KM 501 6000, non-return valve

### Accessories

Type	Description
<b>KM 685 06 HPX HD</b>	central lifting device
<b>KM 204 01</b>	mobile part of hydraulic quick coupling for hose (Ø 0.39 in, 2 pieces)
<b>KM 204 02</b>	fixed part of hydraulic quick coupling for rotator (Ø 0.39 in, 2 pieces)

### Requirements of truck crane

**Operating pressure:** 3,750 - 5,350 psi  
**Recommended oil flow:** 10.5 - max. 24 GPM **Mind the pressure!**

### Technical drawings (here with 4t-rotator)

