

The KM 632HPX with *HPXdrive Heavy Duty* for loading short logs, shrubbery, branches etc. 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** (6,820 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 timber grapple KM 632HPX-HD with KINSHOFER flange rotator**

Type	Capacity	Width B	Height	Log-Ø min.	Opening max.	Self weight	Closing force	Load capacity
	(cords)	(in)	(in)	(in)	(in)	(lbs)	(lbf @4,600 psi)	(lbs)
KM 632HPX-HD-0,16 c	0.11	16	40	6.7	51	627	6,820	4,400

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

**Accessories**

Type	Description
KM 204 01	mobile part of hydraulic quick coupling for hose (Ø 0.4 in, 2 pieces)
KM 204 02	fixed part of hydraulic quick coupling for rotator (Ø 0.4 in, 2 pieces)

**Requirements of truck crane**

**Operating pressure:** max. 4,600 psi  
**Oil flow:** 10.5 - max. 24 GPM **Mind the pressure!**

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

