

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 cylinders!
- ▷ **Longer life cycle** up to 50%! **Self-lubrication:** The drive unit runs in a permanent oil bath. 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 of the HPXdrive.
- ▷ **Rotator with shaft** is available as an alternative, in case a quick change to a non-rotating hook is favoured.
- ▷ **Constant closing force** (31 kN at 32 MPa 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 E	Height C	Log-Ø D min.	Opening max.	Self weight	Closing force	Load capacity
	(m²)	(mm)	(mm)	(mm)	(mm)	(kg)	(kN at 32 MPa)	(kg)
KM 632HPX-HD-0.16 c	0,16	400	1010	170	1290	285	31	2000
<b>Package consists of:</b> timber grapple, rotator KM 04 F140-30V, upper suspension KM 501 (4500), non-return valve								
<b>HPX-KM 505 add</b> also available with a shaft rotator and quick change system KM 505								
<b>HPX-KM 505 HD add</b> for heavy duty tasks we recommend the quick change system KM 505 HD in combination with the KINSHOFER rotator KM 04 S68-30US								

## Package timber grapple KM 632HPX-HD/502 with KINSHOFER shaft rotator and reduction link

Type	Capacity	Width E	Height C	Log-Ø D min.	Opening max.	Self weight	Closing force	Load capacity
	(m²)	(mm)	(mm)	(mm)	(mm)	(kg)	(kN at 32 MPa)	(kg)
KM 632HPX-HD-0.16/502 c	0,16	400	1065	170	1290	290	31	2000
<b>Package consists of:</b> timber grapple, rotator KM 04 S, reduction link KM 502 (4500), short connecting hoses KM 203 01, upper suspension KM 501 (4500), non-return valve								

## Accessories

Type	Description
KM 204 01	mobile part of hydraulic quick coupling for hose (Ø 10 mm, 2 pieces)
KM 204 03	hydraulic quick change kit incl. mobile and fixed parts (2 pc. each) mounted to rotator

## Requirements of truck crane

### Operating pressure at oil flow:

max. 32 MPa (320 bar) at 40 - max. 90 l/min

⚠ Mind the pressure!

## Technical drawings

