

Timber Grapple with *HPXdrive*

KM 632HPX

The KM 632HPX with *HPXdrive Standard* 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 virtually maintenance free 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%! **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** (18 kN at 26 MPa operating pressure) over the entire opening and closing process.



Package Timber Grapple KM 632HPX with **KINSHOFER** Flange Rotator

Type	Capacity	Width E	Height	min. Log-Ø	max. Opening	Self weight	Closing force	Load capacity
	(m ²)	(mm)	(mm)	(mm)	(mm)	(kg)	(kN)	(kg)
KM 632HPX-0,16 c	0,16	400	1000	170	1220	235	18	1000

Package consists of: timber grapple, rotator KM 04 F140-30V, upper suspension KM 501 4500, pressure relief valve, non-return valve
Please note: the KM 632HPX is also available with a shaft rotator and quick change system KM 505

Note: 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/502 with **KINSHOFER** Rotator with Shaft and Reduction Link

Type	Capacity	Width E	Height	min. Log-Ø	max. Opening	Self weight	Closing force	Load capacity
	(m ²)	(mm)	(mm)	(mm)	(mm)	(kg)	(kN)	(kg)
KM 632HPX-0,16/502 c	0,16	400	1055	170	1220	240	18	1000

Package consists of: timber grapple, rotator KM 04 S, reduction link KM 502 4500, short connecting hoses KM 203 01, upper suspension KM 501 4500, pressure relief valve, 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 pieces each) mounted with adapters to rotator

Requirements of Truck Crane

Operating pressure: 26 - 37 MPa (260 - 370 bar)
Pump capacity: 25 - 75 l/min

!	Pump capacity/Operating pressure
	> 40 l/min / 260 bar ≤ 40 l/min / 370 bar

Technical Drawings

