

Heavy Duty Hay and Forestry Grapple with *HPXdrive*

KM 641HPX-HD

The hay and forestry grapple KM 641HPX-HD using the *HPXdrive Heavy Duty* is ideal for handling hay, brushwood, compost or manure - often used for municipal operations and road work. 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%! 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** (5060 lbf at 4600 psi operating pressure) for the entire opening and closing process; high efficiency provided by hydro static bearings of the axes.



Package Hay and Forestry KM 641HPX-HD with **KINSHOFER** Flange Rotator

Type	Capacity	Width	Height	max. Opening	Number of tines	Self weight	Closing force	Load capacity
	(cords)	(in)	(in)	(in)		(lbs)	(lbf at 4600 psi)	(lbs)
KM 641HPX-HD-0,4 c	0.27	37	47	68	7	858	5060	4400

Package consists of: hay and forestry grapple, rotator KM 04 F140-30V, upper suspension KM 501 4500, non-return valve

Please note:
 - KM 641HPX-HD is also available with a shaft rotator and quick change system KM 505
 - for heavy duty tasks we recommend to use quick change KM 505 HD with rotator KM 04 S68-30US

Package Hay and Forestry KM 641HPX-HD/502 with **KINSHOFER** Rotator with Shaft and Reduction Link

Type	Capacity	Width	Height	max. Opening	Number of tines	Self weight	Closing force	Load capacity
	(cords)	(in)	(in)	(in)		(lbs)	(lbf at 4600 psi)	(lbs)
KM 641HPX-HD-0,4/502 c	0.27	37	49	68	7	869	5060	4400

Package consists of: hay and forestry 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 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. 4600 psi
Oil flow: 10.5 - max. 24 GPM

Technical Drawings

