

KM 641HPX-HD

Heavy Duty Hay and Forestry Grapple with *HPXdrive*

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%! **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** (23 kN at 32 MPa operating pressure) over 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 E	Height C	max. Opening	Number of tines	Self weight	Closing force	Load capacity
	(m ²)	(mm)	(mm)	(mm)		(kg)	(kN at 32 MPa)	(kg)
KM 641HPX-HD-0,4 c	0,40	940	1200	1720	7	390	23	2000

Package consists of: hay and forestry grapple, rotator KM 04 F140-30V, upper suspension KM 501 4500, non-return valve
Please note: the KM 641HPX-HD 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 Hay and Forestry KM 641HPX-HD/502 with KINSHOFER Rotator with Shaft and Reduction Link								
Type	Capacity	Width E	Height C	max. Opening	Number of tines	Self weight	Closing force	Load capacity
	(m ²)	(mm)	(mm)	(mm)		(kg)	(kN at 32 MPa)	(kg)
KM 641HPX-HD-0,4/502 c	0,40	940	1255	1720	7	395	23	2000

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 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: max. 32 MPa (320 bar)
Pump capacity: 40 - 90 l/min

Technical Drawings

