

The hay and forestry grapple KM641 HPX using the *HPXdrive Standard* 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 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** (3,960 lbf / 3,080 lbf at 3,750 psi operating pressure) for the entire opening and closing process.

Package hay and forestry grapple KM 641HPX with **KINSHOFER** flange rotator

Type	Capacity	Width B	Height C + rotator	Opening A max.	Number of tines	Self weight	Closing force	Load capacity
	(cords)	(in)	(in)	(in)		(lbs)	(lbf)	(lbs)
KM 641HPX-0,2 c	0.13	26	37	47	7	561	3,960	2,200
KM 641HPX-0,4 c	0.27	37	47	67	7	704	3,080	4,400

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

Please note:
 – KM 641HPX 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 grapple KM 641HPX/502 with **KINSHOFER** rotator with shaft and reduction link

Type	Capacity	Width B	Height C + rotator	Opening A max.	Number of tines	Self weight	Closing force	Load capacity
	(cords)	(in)	(in)	(in)		(lbs)	(lbf)	(lbs)
KM 641HPX-0,2/502 c	0.13	26	40	47	7	572	3,960	2,200
KM 641HPX-0,4/502 c	0.27	37	49	67	7	715	3,080	4,400

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, pressure relief valve, 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 at oil flow:
 3,750 psi at max. 20 GPM
 2,900 - 5,350 psi at max. 10.5 GPM

Technical drawings

