Hay and Forestry Grapple with HPX drive

The hay and forestry grapple KM641HPX using the HPXdrive Standard is ideal for handling hay, brush-wood, 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 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 (18 kN/14 kN at 26 MPa operating pressure) over the entire opening and closing process.



Туре	Capacity (m ²)	Width E (mm)	Height C (+ rotator) (mm)	Opening max. A (mm)	Number of tines	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 641HPX-0.2 c	0.20	670	950	1190	7	255	18	1000
KM 641HPX-0.4 c	0,40	940	1190	1630	7	320	14	2000
Package consists of:	hay and forestr return valve	y grapple, rot	ator KM 04 F140	-30V, upper sus	pension KM 5	i01 (4500), p	ressure relief	valve, non-
HPX-KM 505 add	also available w	/ith a shaft ro	tator and quick c	hange system I	<m 505<="" th=""><th></th><th></th><th></th></m>			
HPX-KM 505 HD add	for heavy duty t KINSHOFER ro		ommend the quic S68-30US	k change syste	m KM 505 HD	in combina	tion with the	
Package hay and forestry	y grapple KM 641H	IPX/502 with	KINSHOF	R shaft rotate	or and reduct	ion link		
Туре	Capacity (m ²)	Width E (mm)	Height C (+ rotator) (mm)	Opening max. A (mm)	Number of tines	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 641HPX-0.2/502 c	0.20	670	1005	1200	7	260	18	1000
KM 641HPX-0.4/502 c	0,40	940	1245	1695	7	325	14	2000
Package consists of:			ator KM 04 S, red 500), pressure re			hort connec	ting hoses KI	VI 203 01,
Accessories								

KM 204 01 KM 204 03 mobile part of hydraulic quick coupling for hose (Ø 10 mm, 2 pieces)

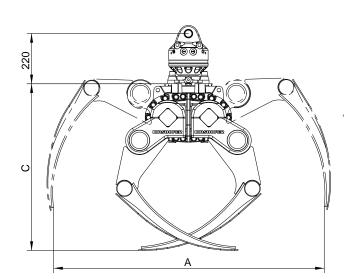
hydraulic quick change kit incl. mobile and fixed parts (2 pc. each) mounted to rotator

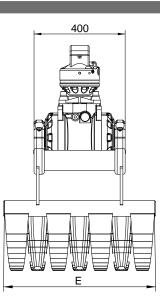
Requirements of truck crane

Operating pressure at oil flow:

26 MPa (260 bar) at max. 75 l/min 26 - 37 MPa (260 - 370 bar) at max. 40 l/min

Technical drawings





We reserve the right to amend specifications without prior notice. KINSHOFER GmbH, 83607 Holzkirchen, Germany