

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** (5,060 lbf at 4,600 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 (cords)	Width (in)	Height (in)	Opening max. (in)	Number of tines	Self weight (lbs)	Closing force (lbf @4,600 psi)	Load capacity (lbs)
KM 641HPX-HD-0,4 c	0.27	37	47	68	7	858	5,060	4,400

**Package consists of:** hay and forestry grapple, rotator KM 06 F140-40, upper suspension KM 501 6000, 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. 4,600 psi  
**Oil flow:** 10.5 - max. 24 GPM **Mind the pressure!**

### Technical drawings (here with 4t-rotator)

