

The KM 605U HPX Refuse is a powerful clamshell bucket using the *HPXdrive Heavy Duty* for handling and easy digging tasks. The open shells enable the handling of bulky materials. 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** (4,800 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 refuse grapple KM 605U HPX Refuse with **KINSHOFER** flange rotator

Type	Volume (c.y.)	Width B (in)	Height C (in)	Opening A max. (in)	Self weight (lbs)	Closing force (lbf @4,600 psi)	Load capacity (lbs)
KM 605U HPX Refuse-420 c	0.55	39.4	42	60	915	4,800	6,600
KM 605U HPX Refuse-510 c	0.67	48.0	42	60	970	4,800	6,600
KM 605U HPX Refuse-660 c	0.86	39.4	51	78	1,015	3,700	6,600

Package consists of: refuse grapple with open shells, KINSHOFER 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 0.39 in, 2 pieces)
KM 204 02	fixed part of hydraulic quick coupling for rotator (Ø 0.39 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)

