

The KM 605 HPX-Z universal grapple with integrated flap rests flat and safe against the crane arm in its transport position. The special flap at the shell carrier allows to transport a large universal grapple, whereat the grapple does not protrude the carrier machine's width (100.4 in)* - without any loss in loading volume. The flap is secured automatically by a robust pressure piece with rubber bump.

* depending on crane kinematics and mounting

- ▷ **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.
- ▷ **Profitability** through low maintenance costs and longer life cycle.
- ▷ **Versatility** with different types of shells that can easily be refitted onto the driving unit.
- ▷ **Precise handling** with the gear-type KINSHOFER rotator and shells synchronised by the single piston turning both shafts of the HPXdrive.
- ▷ **Constant closing force** (7,480 lbf at 4,600 psi operating pressure) over the entire opening and closing process; high efficiency provided by hydro static bearings of the axes.



Package clamshell bucket KM 605HPX-Z with **KINSHOFER** flange rotator

Type	Volume (c.y.)	Width E (in)	Height (in)	Opening A max. (in)	Self weight (lbs)	Closing force (lbf @4,600 psi)	Load capacity (lbs)
KM 605HPX-Z-240 c	0.31	19.7	39.8	55.9	814	7,480	6,600
KM 605HPX-Z-300 c	0.39	25.6	39.8	55.9	880	7,480	6,600
KM 605HPX-Z-370 c	0.48	31.5	39.8	55.9	946	7,480	6,600
KM 605HPX-Z-460 c	0.60	39.4	39.8	55.9	1,023	7,480	6,600

Package consists of: clamshell bucket with flap, bolt-on teeth, rotator KM 06 F140-40, upper suspension KM 501 6000, non-return valve

Accessories

Type	Description:
KM 685 05	adapters for compression rails (Load capacity max. 550 lbs, without compression rails)
KM 685 06 hook set 2	welded hooks (2 pieces)
KM 685 07 set	wear plates to protect horizontal cutting edges (2 pieces)
KM 204 01	mobile part of hydraulic quick coupling for hose (Ø 0.39 in, 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 at oil flow:
max. 4,600 psi at 10.5 - max. 24 GPM
Mind the pressure!

Technical drawings (here with 4t-rotator)

