

A powerful clamshell bucket with the *HPXdrive Heavy duty* manages even difficult tasks thanks to its high closing force, ideal for digging and handling. 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%! 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** (7,480 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 clamshell bucket KM 605HPX with **KINSHOFER** flange rotator

Type	Volume (c.y.)	Width A (in)	Height (in)	Opening max. (in)	Number of teeth	Self weight (lbs)	Closing force (lbf @4,600 psi)	Load capacity (lbs)
KM 605HPX-200 c	0.26	16	41	56	4	737	7,480	6,600
KM 605HPX-250 c	0.33	20	41	56	4	792	7,480	6,600
KM 605HPX-350 c	0.46	26	41	56	6	858	7,480	6,600
KM 605HPX-450 c	0.59	32	41	56	6	924	7,480	6,600
KM 605HPX-550 c	0.72	39	41	56	8	1,001	7,480	6,600

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

Accessories

Type	Description
KM 680 01	scraper
KM 685 05	adapters for compression rails
KM 685 06 HPX HD	central lifting device
KM 685 07 set	wear plates to protect horizontal cutting edges (2 pieces)
KM 685 08	extension for excavating e.g. trenches (for canal and civil engineering) – 18 in (66 lbs)
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:
max. 4,600 psi at 10.5 - max. 24 GPM

Mind the pressure!

Technical drawings (here with 4t-rotator)

