

An allround clamshell bucket using the HPXdrive Standard for digging and handling, the KM 604HPX is ideal for the daily routine 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** by different types of shells that can easily be refitted onto the 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** (19 kN at 26 MPa operating pressure) over the entire opening and closing process.



Packages clamshell bucket KM 604HPX with **KINSHOFER** flange rotator

Type	Volume (litre)	Width E (mm)	Height (w/rotator) (mm)	Opening A max. (mm)	Number of teeth	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 604HPX-200 c	200	400	1020	1390	4	290	19	3000
KM 604HPX-250 c	250	500	1020	1390	4	305	19	3000
KM 604HPX-325 c	325	600	1020	1390	6	320	19	3000
KM 604HPX-350 c	350	650	1020	1390	6	325	19	3000
KM 604HPX-450 c	450	800	1020	1390	6	340	19	3000

Package consists of: clamshell bucket, bolt-on teeth, rotator KM 04 F140-30V, upper suspension KM 501 (4500), pressure relief valve, non-return valve

HPX-KM 505 add also available with a shaft rotator and quick change system KM 505

HPX-KM 505 HD add for heavy duty tasks we recommend the quick change system KM 505 HD in combination with the KINSHOFER rotator KM 04 S68-30US

Packages clamshell bucket KM 604HPX/502 with **KINSHOFER** shaft rotator and reduction link

Type	Volume (litre)	Width E (mm)	Height (w/rotator) (mm)	Opening A max. (mm)	Number of teeth	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 604HPX-200/502 c	200	400	1075	1390	4	295	19	3000
KM 604HPX-250/502 c	250	500	1075	1390	4	310	19	3000
KM 604HPX-325/502 c	325	600	1075	1390	6	325	19	3000
KM 604HPX-350/502 c	350	650	1075	1390	6	330	19	3000
KM 604HPX-450/502 c	450	800	1075	1390	6	345	19	3000

Package consists of: clamshell bucket, bolt-on teeth, rotator KM 04 S, reduction link KM 502 (4500), short connecting hoses KM 203 01, upper suspension KM 501 (4500), pressure relief valve, non-return valve

Accessories

Type	Description
KM 680 01	scraper
KM 685 05	adapters for compression rails (load capacity max. 250 kg, 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 685 08 HPX-450	extension for excavating e.g. trenches (for canal and civil engineering) – 450 mm (30 kg)
KM 204 01	mobile part of hydraulic quick coupling for hose (Ø 10 mm, 2 pieces)
KM 204 03	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

