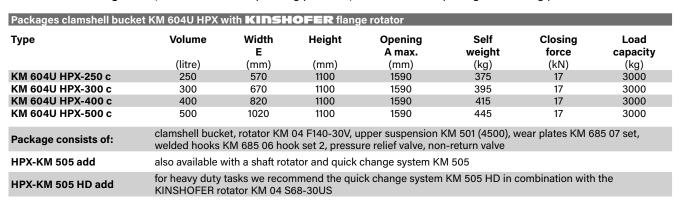
KM 604U HPX

Universal Clamshell Bucket with HPXdrive

The KM 604U HPX is a clamshell bucket using the HPXdrive Standard for handling and easy digging tasks. The open shells enable the handling of bulky materials. Non-return valve, pressure relief valve, welded hooks and reversible wear plates are delivered on each grapple.

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 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 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 (17 kN at 26 MPa operating pressure) over the entire opening and closing process.



Packages clamshell bucket KM 604U HPX/502 with KINSHOFER shaft rotator and reduction link							
Туре	Volume	Width E	Height	Opening A max.	Self weight	Closing force	Load capacity
	(litre)	(mm)	(mm)	(mm)	(kg)	(kN)	(kg)
KM 604U HPX-250/502 c	250	570	1155	1590	380	17	3000
KM 604U HPX-300/502 c	300	670	1155	1590	395	17	3000
KM 604U HPX-400/502 c	400	820	1155	1590	420	17	3000
KM 604U HPX-500/502 c	500	1020	1155	1590	450	17	3000

clamshell bucket, rotator KM 04 S, reduction link KM 502 (4500), short connecting hoses KM 203 01, upper suspension KM 501 (4500), wear plates KM 685 07, welded hooks KM 685 06 hook set 2, pressure relief valve, non-return valve

Accessories

Туре	Description
KM 685 05	adapters for compression rails (load capacity max. 250 kg, without compression rails)
KM 381 09 (720)	compression rails - length 720 mm (2 pieces)
KM 381 09 (1000)	compression rails - length 1000 mm (2 pieces)
KM 685 09 C	side plates to screw onto the grapple for easy digging tasks (4 pieces)
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 I/min

26 - 37 MPa (260 - 370 bar) at max. 40 l/min

Technical drawings

