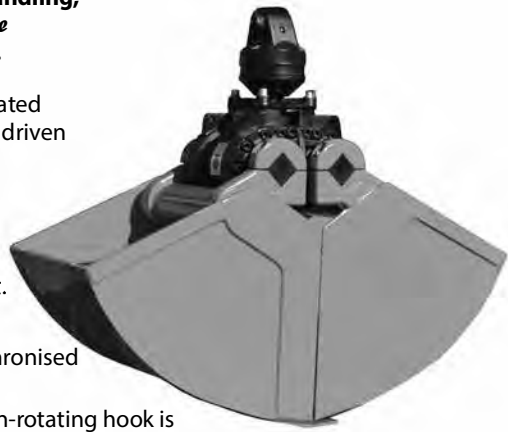


Clamshell Bucket with *HPXdrive*

KM 604HPX

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 virtually maintenance free 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 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.



Package Clamshell Bucket KM 604HPX with KINSHOFER Flange Rotator								
Type	Volume	Width B	Height	max. Opening	Number of teeth	Self weight	Closing force	Load capacity
	(litre)	(mm)	(mm)	(mm)		(kg)	(kN)	(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

Please note: the KM 604HPX is also available with a shaft rotator and quick change system KM 505

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

Package Clamshell Bucket KM 604HPX/502 with KINSHOFER Rotator with Shaft and Reduction Link								
Type	Volume	Width B	Height	max. Opening	Number of teeth	Self weight	Closing force	Load capacity
	(litre)	(mm)	(mm)	(mm)		(kg)	(kN)	(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
KM 685 06 eye / hook set 2	welded eyes / welded hooks (2 pieces)
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) – 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 pieces each) mounted with adapters to rotator

Requirements of Truck Crane Technical Drawings

Operating pressure: 26 to 32 MPa (260 to 320 bar)
Pump capacity: 25 to 75 l/min

