

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 cylinder!
- ▷ **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 drive 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** (4,180 lbf at 3,750 psi operating pressure) for the entire opening and closing process.



Package clamshell bucket KM 604HPX with KINSHOFER flange rotator								
Type	Volume	Width A	Height	Opening max.	Number of teeth	Self weight	Closing force	Load capacity
	(c.y.)	(in)	(in)	(in)		(lbs)	(lbf)	(lbs)
KM 604HPX-200 c	0.26	16	40	55	4	638	4,180	6,600
KM 604HPX-250 c	0.33	20	40	55	4	671	4,180	6,600
KM 604HPX-325 c	0.43	24	40	55	6	704	4,180	6,600
KM 604HPX-350 c	0.46	26	40	55	6	715	4,180	6,600
KM 604HPX-450 c	0.59	32	40	55	6	748	4,180	6,600

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
– for heavy duty tasks we recommend to use quick change KM 505 HD with rotator KM 04 S68-30US

Package clamshell bucket KM 604HPX/502 with KINSHOFER rotator with shaft and reduction link								
Type	Volume	Width A	Height	Opening max.	Number of teeth	Self weight	Closing force	Load capacity
	(c.y.)	(in)	(in)	(in)		(lbs)	(lbf)	(lbs)
KM 604HPX-200/502 c	0.26	16	42	55	4	649	4,180	6,600
KM 604HPX-250/502 c	0.33	20	42	55	4	682	4,180	6,600
KM 604HPX-325/502 c	0.43	24	42	55	6	715	4,180	6,600
KM 604HPX-350/502 c	0.46	26	42	55	6	726	4,180	6,600
KM 604HPX-450/502 c	0.59	32	42	55	6	759	4,180	6,600

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 HPX SD	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 Technical drawings

Operating pressure at oil flow:
3,750 psi at max. 20 GPM
2,900 - 5,350 psi at max. 10.5 GPM

