Rock Grapple with *HPXdrive*

The KM 613HPX with HPXdrive Standard for positioning and handling natural stones, curbstones etc. is an ideal tool for landscaping architecture. A non-return valve secures constant pressure even in case of unexpected pressure drop. 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 (18 kN at 26 MPa operating pressure) over the entire opening and closing process.

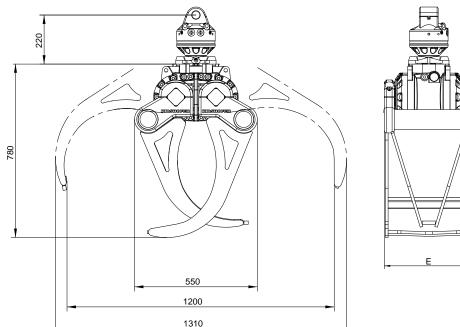
Package rock grapple K	M 613HPX with	KINSHO	FER flange	e rotator			
Туре	Capacity (m²)	Width E (mm)	Height (mm)	max. Opening (mm)	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 613HPX-0.16 c	0,16	400	1000	1200	235	18	1000
Package consists of:	rock grapple, rotator KM 04 F140-30V, upper suspension 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 KINSHOFER r			quick change syste	m KM 505 HD in	combination with	the
Package rock grapple K	M 613HPX/502	with KINS	HOFER s	haft rotator and re	duction link		
Туре	Capacity (m²)	Width E (mm)	Height (mm)	max. Opening (mm)	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 613HPX-0.16/502 c	0,16	400	1055	1200	240	18	1000
Package consists of:	rock grapple, 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							
Туре	Description						
KM 685 06 hook set 2 KM 204 01	welded hooks (2 pieces) mobile part of hydraulic quick coupling for hose (Ø 10 mm, 2 pieces)						
KM 204 03	hvdraulic quic	k change kit	incl. mobile a	nd fixed parts (2 pc.	each) mounted t	o 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





KM 613HPX