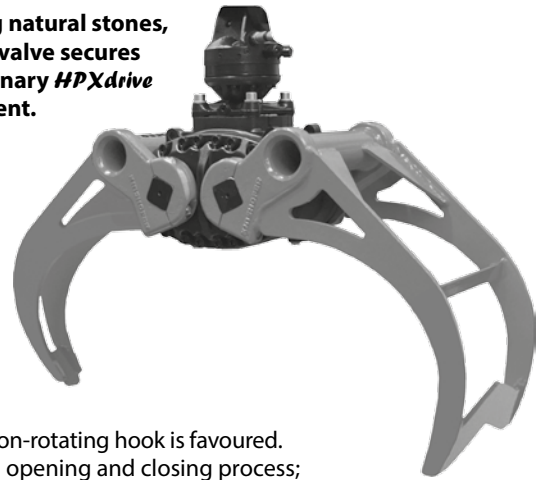


KM 613HPX-HD

Heavy Duty Rock Grapple with *HPXdrive*

The KM 613HPX-HD with *HPXdrive Heavy Duty* 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 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 cylinder.
- **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** (22 kN at 32 MPa operating pressure) over the entire opening and closing process; high efficiency provided by hydro static bearings of the axes.



Package Rock Grapple KM 613HPX-HD with **KINSHOFER** Flange Rotator

Type	Capacity	Width E	Height C	max. Opening	Self weight	Closing force	Load capacity
	(m ²)	(mm)	(mm)	(mm)	(kg)	(kN at 32 MPa)	(kg)
KM 613HPX-HD-0,35 c	0,35	400	1260	1710	335	22	2000

Package consists of: rock grapple, rotator KM 04 F140-30V, upper suspension KM 501 4500, non-return valve
Please note: the KM 613HPX-HD 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 Rock grapple KM 613HPX-HD/502 with **KINSHOFER** Rotator with Shaft and Reduction Link

Type	Capacity	Width E	Height C	max. Opening	Self weight	Closing force	Load capacity
	(m ²)	(mm)	(mm)	(mm)	(kg)	(kN at 32 MPa)	(kg)
KM 613HPX-HD-0,35/502 c	0,35	400	1315	1710	340	22	2000

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, non-return valve

Accessories

Type	Description
KM 685 06 eye / hook set 2	welded eyes / welded hooks (2 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 pieces each) mounted with adapters to rotator

Requirements of Truck Crane

Operating pressure: max. 32 MPa (320 bar)
Pump capacity: 40 - 90 l/min

Technical Drawings

