

The high volume clamshell bucket KM 622 has a significant narrow frame and can therefore fulfill small digging tasks besides the handling.

The KM 622S is a reinforced version with a strong 6t- or 10t-rotator.

- ▷ **Suitable for digging** due to the narrow frame.
- ▷ **Compact design** due to the narrow frame enables manual filling of the bucket without obstacles.
- ▷ **Practically no „left overs“** of the material to be picked up as the working edges are vertical when the buckets are open and allow a deep plunge into a pile of material.
- ▷ **High stability** through reinforced buckets, torsion-free frame, generously dimensioned bearing system and the use of 500 HB steel in the manufacture of cutting edges.
- ▷ **Combination of compensator mechanism and cylinder guard** has many advantages: parallel action, longer life for piston rod and seals, significant weight savings.
- ▷ **Efficient handling** with high closing forces (KM 622: 20 kN at 26 MPa / KM 622S: 29 kN at 24 MPa operating pressure).



Packages high volume clamshell bucket KM 622 c

Type	Volume (litre)	Width (mm)	Opening A max. (mm)	Number of teeth (optional)	Weight (kg)	Closing force (kN)	Load capacity (kg)
KM 622-300 c	300	640	1670	5	360	20	3000
KM 622-400 c	400	800	1670	9	390	20	3000
KM 622-500 c	500	1000	1670	9	415	20	3000

Package consists of: high volume clamshell bucket, rotator KM 04 F, short connecting hoses KM 203 01, upper suspension KM 501 (4500), non-return valve

Note: UK package of KM 622-400c/-500c incl. KM 04 F, KM 501, KM 203 01, KM 685 06 eye set 2, KM 685 07 set

Packages high volume clamshell bucket KM 622S (other sizes on request)

Type	Volume (litre)	Width (mm)	Opening A max. (mm)	Number of teeth (optional)	Weight (kg)	Closing force (kN)	Load capacity (kg)
KM 622S-500-6t c	500	800	1960	9	450	29	3000
KM 622S-500-10t c	500	800	1960	9	470	29	3000

Package consists of: high volume clamshell bucket, rotator (6t: KM 06 F173-35; 10t: KM 10 F173-35/1) with hose guard, short connecting hoses KM 203 01, upper suspension KM 501, welded hooks KM 685 06 hook set 2, non-return valve, pressure relief valve

High volume clamshell bucket KM 622

Type	Volume (litre)	Width (mm)	Opening A max. (mm)	Number of teeth (optional)	Weight (kg)	Closing force (kN)	Load capacity (kg)
KM 622-300	300	640	1670	5	315	20	3000
KM 622-400	400	800	1670	9	345	20	3000
KM 622-500	500	1000	1670	9	370	20	3000

Accessories

Type	Description
KM 04 F	recommended KINSHOFER rotator for KM 622
KM 04 S68-30US	recommended KINSHOFER shaft rotator for heavy duty tasks – up to 4500 kg load capacity
KM 505 HD	quick change system HD for shaft-type rotator KM 04 S68-30US
KM 685 06 hook set 2	welded hooks (2 pieces)
KM 685 07 set	wear plates to protect horizontal cutting edges (2 pieces)

Requirements of truck crane

Operating pressure at oil flow:

KM 622: 26 MPa (260 bar) at max. 75 l/min 26 - 37 MPa (260 - 370 bar) at max. 40 l/min

KM 622S: 24 MPa (240 bar) at 40 - 75 l/min

Technical drawings

