

KM 603

Clamshell Bucket with Vertical Hydraulic Cylinder

The KM 603 is a proven grapple for daily routine work – ideal for excavating foundations, trenches and other similar applications in civil engineering. The closely positioned shell pivots ensure good digging behaviour and high closing pressure.

- **Good digging behaviour** through the closely positioned shell pivots.
- **Longevity** is ensured through the use of 500 HB steel in the manufacture of cutting edges and the generously dimensioned bearing system. The enclosed hydraulic cylinder (in a hub unit) and short hydraulic connection hoses lower the risk of damage and down-time.
- **Maximum loading height** is achieved through the compact design.
- **Special model KM 603F** with special bucket shape for excavating foundations and graves.
- **Special model KM 603R** with round buckets for digging well shafts etc.
- **Bolt-on digging teeth** are delivered with each clamshell bucket.
- **Excellent digging characteristics** are the result of high closing forces (20 kN at an operating pressure of 26 MPa).



→ Alternatively to the KM 603 the KM 604HPX can be used with an extension for excavating

Package Clamshell Bucket KM 603 c

Type	Volume (litre)	Width E (mm)	max. Opening A (mm)	Number of teeth	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 603-250 c	250	500	1390	5	330	20	3000
KM 603-350 c	350	650	1390	5	355	20	3000

Package consists of: clamshell bucket, bolt-on teeth, rotator KM 04 F, short connecting hoses KM 203 01, upper suspension KM 501 4500, non-return valve

Clamshell Bucket KM 603 incl. Teeth

Type	Volume (litre)	Width E (mm)	max. Opening A (mm)	Number of teeth	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 603-150	150	325	1390	3	260	20	3000
KM 603-200	200	400	1390	3	275	20	3000
KM 603-250	250	500	1390	5	295	20	3000
KM 603-325	325	600	1390	5	315	20	3000
KM 603-350	350	650	1390	5	320	20	3000
KM 603-450	450	800	1390	9	355	20	3000


Special Grapples KM 603F (incl. Scraper) and KM 603R (Round Shells)

Type	Volume (litre)	Width B (mm)	max. Opening A (mm)	Number of teeth	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 603F-100	100	600	800	5	280	30	3000
KM 603F-125	125	760	800	7	315	30	3000
KM 603F-150	150	600	1000	5	275	30	3000
KM 603F-190	190	760	1000	7	305	30	3000
KM 603F-200	200	600	1000	5	295	30	3000
KM 603R-30	30	-	Ø 460	4	210	30	3000
KM 603R-50	50	-	Ø 600	5	225	30	3000
KM 603R-150	150	-	Ø 900	5	240	30	3000
KM 603R-200	200	-	Ø 1000	7	295	30	3000

Accessories

Type	Description
KM 04 F	recommended KINSHOFER rotator for KM 603
KM 04 S	KINSHOFER shaft rotator for precise positioning of the load – up to 4500 kg load capacity
KM 04 S68-30US	recommended KINSHOFER shaft rotator for heavy duty tasks – up to 4500 kg load capacity
KM 04 F140-30US	recommended KINSHOFER rotator for KM 603F and KM 603R
KM 505	quick change system for shaft-type rotator KM 04 S
KM 505 HD	quick change system HD for shaft-type rotator KM 04 S68-30US
KM 502 4500	reduction link between rotator and grapple
KM 680 01	scraper
KM 685 06 eye / hook set 2	welded eyes / welded hooks (2 pieces)
KM 685 07	wear plates to protect horizontal cutting edges (2 pieces)
KM 685 05	adapters for mounting of compression rails

Requirements of Truck Crane

Operating pressure: max. 26 MPa (260 bar) 
 Pump capacity: 25 - 75 l/min

Technical Drawings

