

Clamshell Bucket with vertical cylinder

KM 603

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.
- ▷ **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



Packages clamshell bucket KM 603 c

| Type | Volume (litre) | Width E (mm) | Opening A max. (mm) | Number of teeth | 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) | Opening A max. (mm) | Number of teeth | 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 |

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 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 hook set 2 | welded hooks (2 pieces) |
| KM 685 06 eye set 2 | welded eyes (2 pieces) |
| KM 685 07 set | wear plates to protect horizontal cutting edges (2 pieces) |

Requirements of truck crane

Operating pressure at oil flow:
max. 26 MPa (260 bar) at 25 - max. 75 l/min
⚠ **Mind the pressure!**

Technical drawings

