

A robust clamshell bucket for handling loose material as sand, gravel, soil - perfectly matched to heavy duty work on vehicle mounted cranes.

- ▷ **Excellent filling characteristics** of the rugged grapple due to the special shape of the buckets and the wide separation between their axes that enables wide opening.
- ▷ **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 (28 kN at an operating pressure of 26 MPa).



Packages high volume clamshell bucket KM 602 c

| Type | Volume (litre) | Width E (mm) | Opening max. A (mm) | Number of teeth (optional) | Self weight (kg) | Closing force (kN) | Load capacity (kg) |
|--------------|-------------------|--------------------|---------------------------|----------------------------------|------------------------|--------------------------|--------------------------|
| KM 602-400 c | 400 | 800 | 1830 | 9 | 490 | 28 | 3000 |
| KM 602-500 c | 500 | 1000 | 1830 | 9 | 535 | 28 | 3000 |
| KM 602-650 c | 650 | 1200 | 1830 | 9 | 595 | 28 | 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 packages of KM 602 includes KM 04 F, KM 501, KM 203 01, KM 685 06 eye set 2, KM 685 07 set

High volume clamshell bucket KM 602

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|-------------|-------------------|--------------------|---------------------------|----------------------------------|------------------------|--------------------------|--------------------------|
| KM 602-300 | 300 | 500 | 1830 | 5 | 360 | 28 | 3000 |
| KM 602-400 | 400 | 800 | 1830 | 9 | 425 | 28 | 3000 |
| KM 602-500 | 500 | 1000 | 1830 | 9 | 465 | 28 | 3000 |
| KM 602-650 | 650 | 1200 | 1830 | 9 | 515 | 28 | 3000 |
| KM 602-1000 | 1000 | 1200 | 2190 | 9 | 585 | 23 | 3000 |

Accessories

| Type | Description |
|----------------------|--|
| KM 04 F | recommended KINSHOFER rotator for KM 602 |
| 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 502 (4500) | reduction link between rotator and grapple |
| 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:

26 MPa (260 bar) at max. 75 l/min

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

Technical drawings

