

# KM 605U

# Heavy Duty Clamshell Bucket with Open Shells and Horizontal Hydraulic Cylinder

The KM 605U is a robust clamshell bucket and versatile tool for handling all kinds of refuse material. The open sides of the grapple enables the grab of bulk material.

- **Compact design** with a horizontal hydraulic cylinder achieves a maximum loading height.
- **Long life** due to the use of 500 HB steel in the manufacture of the cutting edges and a generously dimensioned bearing system.
- **Synchronized opening and closing** through sturdy compensation bar.
- **Safety** is assured in the event of an unexpected pressure drop due to the integrated non-return valve.
- **Wear plates** (reversible) and **welded hooks** are delivered on each grapple.
- **Powerfull operation** due to high closing force (28 kN at an operating pressure of 26 MPa).



### Package Clamshell Bucket KM 605U c

Type	Volume (litre)	Width B (mm)	max. Opening (mm)	No. of teeth (optional)	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 605U-300 c	300	670	1545	5	390	28	3000
KM 605U-400 c	400	820	1545	7	415	28	3000

**Package consists of:** clamshell bucket, rotator KM 04 F, upper suspension KM 501 4500, wear plates KM 685 07 set, welded hooks KM 685 06 hook set 2, non-return valve

### Clamshell Bucket KM 605U

Type	Volume (litre)	Width B (mm)	max. Opening (mm)	No. of teeth (optional)	Self weight (kg)	Closing force (kN)	Load capacity (kg)
KM 605U-250	250	570	1545	5	340	28	3000
KM 605U-300	300	670	1545	5	355	28	3000
KM 605U-400	400	820	1545	7	380	28	3000
KM 605U-450	450	920	1545	7	390	28	3000
KM 605U-500	500	1020	1545	9	410	28	3000
KM 605U-600	600	1220	1545	9	440	28	3000

### Accessories

Type	Description
KM 04 F	recommended <b>KINSHOFER</b> rotator for KM 605U
KM 04 S	<b>KINSHOFER</b> shaft rotator for precise positioning of the load – up to 4500 kg load capacity
KM 04 S68-30US	recommended <b>KINSHOFER</b> 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 685 05	adapters for mounting of compression rails
KM 381 09 720	compression rails – length 720 mm (2 pieces)
KM 381 09 1000	compression rails – length 1000 mm (2 pieces)
KM 685 09 C	side plates to screw onto the grapple for easy digging tasks (4 pieces)

### Requirements of Truck Crane

**Operating pressure:** 26 - 32 MPa ( 260 - 320 bar)  
**Pump capacity:** 25 - 75 l/min

### Technical Drawings

