

The KM 605U-Z universal grapple for Z-cranes rests flat and safe against the crane arm in its transport position. The special gap at the shell carrier allows to transport a large universal grapple, whereat the grapple does not protrude the carrier machine's width (2,55 m)\* - without any loss in loading volume.

- ▷ **Maximum loading height** is achieved through the compact design with horizontal hydraulic cylinders.
- ▷ **Long life is ensured** through 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 (29 kN at an operating pressure of 26 MPa).



### Package universal grapple KM 605U-Z c

Type	Volume	Width E	Height C (w/o rotator)	Opening A max.	Weight	Closing force	Load capacity
	(litre)	(mm)	(mm)	(mm)	(kg)	(kN)	(kg)
<b>KM 605U-Z-500 c</b>	500	1020	1060	1605	487	29	3000

**Package consists of:** clamshell bucket with gap, rotator KM 04 F, upper suspension KM 501 (4500), wear plates KM 685 07 set, welded hooks KM 685 06 hook set 2, short connecting hoses KM 203 01, non-return valve

### Universal grapple KM 605U-Z single

Typ	Volume	Width E	Height C (w/o rotator)	Opening A max.	Weight	Closing force	Load capacity
	(litre)	(mm)	(mm)	(mm)	(kg)	(kN)	(kg)
<b>KM 605U-Z-500</b>	500	1020	1060	1605	458	29	3000

### Accessories

Type	Description
<b>KM 04 F140-30US</b>	recommended KINSHOFER rotator for KM 605U-Z for heavy duty tasks
<b>KM 04 S</b>	KINSHOFER rotator with shaft - up to 4500 kg load capacity
<b>KM 04 S68-30US</b>	recommended KINSHOFER shaft rotator for heavy duty tasks - up to 4500 kg load capacity
<b>KM 505 HD</b>	quick change system HD for shaft-type rotator KM 04 S68-30US
<b>KM 502 (4500)</b>	reduction link between shaft rotator and attachment
<b>KM 685 05</b>	adapters for compression rails (load capacity max. 250 kg, without compression rails)
<b>KM 381 09 (720)</b>	compression rails - length 720 mm (2 pieces)
<b>KM 381 09 (1000)</b>	compression rails - length 1000 mm (2 pieces)
<b>KM 685 09 C</b>	side plates to screw onto the grapple for easy digging tasks (4 pieces)

### Requirements of truck crane

**Operating pressure at oil flow:**  
26 MPa (260 bar) at 25 - max. 90 l/min

### Technical drawings

