

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 (100.39 in)\* - 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 (6380 lbf at an operating pressure of 3750 psi).
- ▷ Available from Q2/2021 - other sizes available on request.



\* depending on crane kinematics and mounting

#### Package Universal Grapple KM 605U-Z c

Type	Volume	Width E	Height C (w/o rotator)	Opening A max. (in)	Weight (lbs)	Closing force (lbf)	Load capacity (lbs)
	(c.y.)	(in)	(in)				
KM 605U-Z-500 c	0.65	40.16	41.73	63.19	1071	6380	6600

**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

Type	Volume	Width E	Height C (w/o rotator)	Opening A max. (in)	Weight (lbs)	Closing force (lbf)	Load capacity (lbs)
	(c.y.)	(in)	(in)				
KM 605U-Z-500	0.65	40.16	41.73	63.19	1007	6380	6600

#### Accessories

Type	Description
KM 04 F140-30US	recommended KINSHOFER rotator for KM 605U-Z for heavy duty tasks
KM 04 S	KINSHOFER rotator with shaft - up to 9900 lbs load capacity
KM 04 S68-30US	recommended KINSHOFER shaft rotator for heavy duty tasks - up to 9900 lbs load capacity
KM 505 HD	quick change system HD for shaft-type rotator KM 04 S68-30US
KM 502 (4500)	reduction link between shaft rotator and attachment
KM 685 05	adapters for compression rails (load capacity max. 550 lbs, without compression rails)
KM 381 09 (720)	compression rails - length 28.35 in (2 pieces)
KM 381 09 (1000)	compression rails - length 39.37 in (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 at oil flow:**  
3750 psi at 6.5 - max. 24 GPM

#### Technical Drawings

