

# Orange Peel Grapple with 0.33 c.y - 0.65 c.y.

# KM 650 large

Large orange peel grapple for the handling of bulky scrap, the KM 650 large for various applications is available with different tine shapes, different volumes (0.33 c.y., 0.46 c.y., 0.65 c.y.), with 4 or 5 tines.

- ▷ **Different tine shapes** of the KM 650 series to accommodate handling a variety of materials:
  - **KM 651:** fully closing tines for handling swarf, loose waste, soil, gravel etc.
  - **KM 652:** half closing tines for handling swarf, scrap, rubbish, waste paper etc.
  - **KM 653:** pointed tines for bulky scrap, car bodies, bundled waste paper etc.
- ▷ **Number of tines** can be chosen with 4 or 5 tines.
- ▷ **Long life** due to a solid design: the hydraulic cylinder pistons are protected by the gripping arms and the hydraulic hoses, connections and oil distributor are positioned in the robust centre section. Special wear resistant materials used in the production of the gripping arms and oversized bearings ensure a long service life for these sturdy grapples.
- ▷ **A lifting-eye** on the centre section acts as an additional stop.
- ▷ **Powerful operation** with high closing force (2860 lbf to 3960 lbf at an operating pressure of 3750 psi).



Orange Peel Grapple KM 650 large									
Type	Number of tines	Volume (c.y.)	max. Opening A (in)	Width E (in)	Height C (closed, incl. rotator) (in)	Self weight (w/o rotator) (lbs)	Load capacity (lbs)	Closing force (lbf)	
KM 651-4	4	0.33	61	51	40	979	5500	3960	
		0.46	68	50	43	1034	6600	3520	
		0.65	85	52	53	1221	6600	2860	
KM 651-5	5	0.33	61	51	40	1144	5500	3960	
		0.46	68	50	43	1199	6600	3520	
		0.65	85	52	53	1397	6600	2860	
KM 652-4	4	0.33	61	51	40	935	5500	3960	
		0.46	68	50	43	968	6600	3520	
		0.65	85	52	53	1111	6600	2860	
KM 652-5	5	0.33	61	51	40	1111	5500	3960	
		0.46	68	50	43	1144	6600	3520	
		0.65	85	52	53	1309	6600	2860	
KM 653-4	4	0.33	61	51	40	858	5500	3960	
		0.46	68	50	43	869	6600	3520	
		0.65	85	52	53	957	6600	2860	
KM 653-5	5	0.33	61	51	40	1034	5500	3960	
		0.46	68	50	43	1056	6600	3520	
		0.65	85	52	53	1155	6600	2860	

### Accessories

Type	Description
KM 04 F	recommended KINSHOFER rotator for KM 650 large
KM 06 F140-40	recommended KINSHOFER rotator for KM 650 large - for heavy duty application

### Requirements of Truck Crane

**Operating pressure:** max. 3750 psi  
**Recommended oil flow:** 8 - max. 20 GPM

### Technical Drawings

