

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 (2,860 lbf to 3,960 lbf at an operating pressure of 3,750 psi).



Orange peel grapple KM 650 large

Type	Number of tines	Volume (c.y.)	max. Opening A (in)	Width E (closed) (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	5,500	3,960
		0.46	68	50	43	1,034	6,600	3,520
		0.65	85	52	53	1,221	6,600	2,860
KM 651-5	5	0.33	61	51	40	1,144	5,500	3,960
		0.46	68	50	43	1,199	6,600	3,520
		0.65	85	52	53	1,397	6,600	2,860
KM 652-4	4	0.33	61	51	40	935	5,500	3,960
		0.46	68	50	43	968	6,600	3,520
		0.65	85	52	53	1,111	6,600	2,860
KM 652-5	5	0.33	61	51	40	1,111	5,500	3,960
		0.46	68	50	43	1,144	6,600	3,520
		0.65	85	52	53	1,309	6,600	2,860
KM 653-4	4	0.33	61	51	40	858	5,500	3,960
		0.46	68	50	43	869	6,600	3,520
		0.65	85	52	53	957	6,600	2,860
KM 653-5	5	0.33	61	51	40	1,034	5,500	3,960
		0.46	68	50	43	1,056	6,600	3,520
		0.65	85	52	53	1,155	6,600	2,860

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. 3,750 psi
Recommended oil flow: 8 - max. 20 GPM **Mind the pressure!**

Technical drawings

