

## FELD ALPHA

### Multi-Rope Orange-Peel Grabs

#### The grab for refuse, scrap, waste wood, rocks, and much more

- Depending on load type, fitted with open, semi-open, or closed jaws
- Specially adapted jaw contour for better penetration into bulk solids
- Ideal for capturing coarse and bulky pieces (refuse, scrap, wood waste, rocks)
- Additional Pantanax wear protection for longer service life

Size	Shell capacity [m <sup>3</sup> ]	Bulk density [t/m <sup>3</sup> ]	Unladen weight [kg]	Ultimate crane load [t]
MSM-250	0,25	1,20 - 3,00	600 - 1300	1,0 - 2,1
MSM-350	0,35	1,20 - 3,50	700 - 2200	1,2 - 3,4
MSM-500	0,50	1,20 - 3,50	800 - 3000	1,5 - 4,8
MSM-800	0,80	1,20 - 3,50	950 - 4000	2,1 - 6,8
MSM-1000	1,00	1,20 - 3,50	1050 - 4900	2,4 - 8,4
MSM-1250	1,25	1,20 - 3,50	1150 - 6000	2,9 - 10,4
MSM-1500	1,50	1,20 - 3,50	1500 - 7250	3,5 - 12,5
MSM-2000	2,00	1,20 - 3,00	1800 - 5000	4,4 - 11,0
MSM-3000	3,00	1,20 - 3,00	2450 - 7000	6,3 - 16,0
MSM-5000	5,00	0,40 - 0,80	ca. 5000	9,00
MSM-7000	7,00	0,40 - 0,80	ca. 6000	11,60

#### Additional equipment

- Rope guide rollers and a gimbal to protect the rope when the grab is used predominantly in a slanting position
- Roller bearings for the rope sheaves (maintenance-free)
- Heavy-duty shell design for operation in rough conditions such as in smelting works or foundries and with coarse, hard-to-grab loads
- Heavy-duty push rods, e.g., for unloading ships, to protect against frequent impacts with hatch edges, gangways, etc.
- Plug-in teeth on the grab's cutting edges for secure grip on coarse and hard-to-grip materials. For breaking open hard surface layers. The teeth are inserted into sleeves and are easy to replace.
- Steel rope sheaves for use in hot working environments, e.g., smelting works, foundries, and similar.