



POWERMMASTER

BUNDLE EXTRACTORS

Tools for every conceivable need.....

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Self-Propelling Bundle Pulling Crane



The main advantage of the crane is that extremely heavy bundles can be pulled and reinstalled faster, easier, more safely and more cheaply. Moreover, since the crane is constructed as a motor-driven vehicle, the immediate transport to the cleaning plant or to the workshop is guaranteed. Additional machines like cranes, tractors and the like have fallen into disuse.

This machine shows tremendous advantages in use under tube lines or in pulling and reinstalling heat exchangers which are deeply inside the plant and which are not accessible for cranes at all.

Technical Data:

Length	7,00 m
Width	2,85 m
Height min.	4,00 m
Dead weight	24 000 kg
Max. working height (to bottom of the sheet)	7,00 m
Min. working height (to bottom of the sheet)	0,75 m
Max. bundle diameter	2,00 m
Max. bundle weight	25 000 kg*
Max. bundle length	8,00 m
Max. tensile force	50 000 kg
Pulling rate (with 50 tons)	4,00 m/min.
Pulling rate (with 25 tons)	8,00 m/min.
Speed half force appr.	10,00 km/h
Speed double force appr.	5,00 km/h

*according to customer's request up to 40 000 kg



Bundle Pulling Equipment Aerial Type



Main advantages compared with similar equipment:

- Shorter in comparison with similar equipments
- Less width for penetrating deeper into the plant
- Less height
- Faster working due to the head prism movable up and down and the continuously working 30 tons winch
- More safety for the operator due to electric remote control system
- Independent of separate energy sources such as portable air compressor units
- Less dead weight



Don't forget our revolutionary propeller clamps in front which can be operated with one finger!

Technical Data:

	15 to	30 to	45 to	100 to
Length of Equipment	7,30 m	7,5 – 8,5 m	11,00 m	13,50 m
Width of the main frame	1000 mm	1200 mm	1200 mm	1800 mm
Width of the loops	1,70 m	2,15 m	2,65 m	3,20 m
Height of the main frame	250 mm	350 mm	350 mm	500 mm
Dead weight -	4500 kg	8000 kg	10 000 kg	18 000 kg

Constructed for bundles of:

Max. length	~ 6,30 m	~ 8,00 m	~ 10,00 m	~ 12,00 m
Max. diameter	~ 1,60 m	~ 2,00 m	~ 2,40 m	~ 3,00 m
Max. bundle weight	15 000 kg	30 000 kg	45 000 kg	100 000 kg

Truck Mounted Bundle Extractor



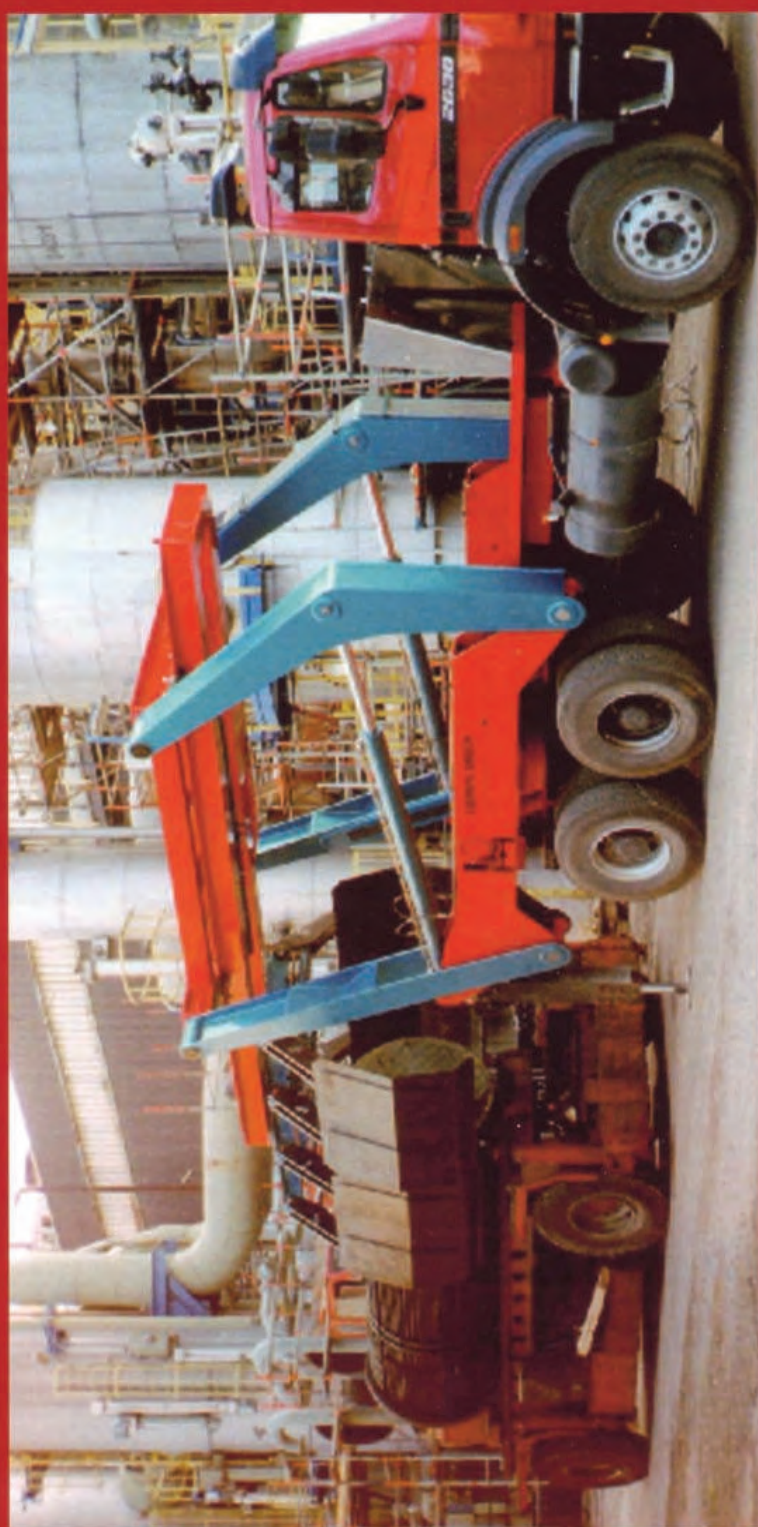
The main advantages: As this machine is a truck based vehicle, it has MOT-approval. Extremely heavy bundles can be pulled and reinstalled faster, easier, more safely and more cheaply. The immediate transport to the cleaning plant or to the workshop is guaranteed. Additional machines like cranes, tractors and the like are not necessary any more.

This machine shows advantages in use under tube lines or in pulling and reinstalling heat exchangers which are deeply inside the plant and non-accessible for cranes at all.

Technical Data:

Length	9,35 m
Total width*:	2,50 m
Total height:	4,00 m
Dead weight:	23 000 kg
Max. working height:	7,00 m
Min. working height:	0,50 m
Max. bundle diameter	1,80 m
Max. bundle weight:	(only pulling) 20 000 kg
	(pulling and driving) 15 000 kg
Max. tensile force:	50 000 kg
Pulling rate (50 tons)	4,00 m/min.
Pulling rate (25 tons)	8,00 m/min.





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