Truck mounted tube bundle puller

Mef truck

Completely indipendent tube bundle puller assembled on the truck

Mef truck, thanks to the original project of the telescopic rotating column, allows the quick pulling/insertng of the bundle.
Once the truck is positioned, it is easy and **quick to lift** the extractor and to proceed with the extraction.
This system is particularly advised for the maintenance companies which operate continuosly in the petrochemical plant field

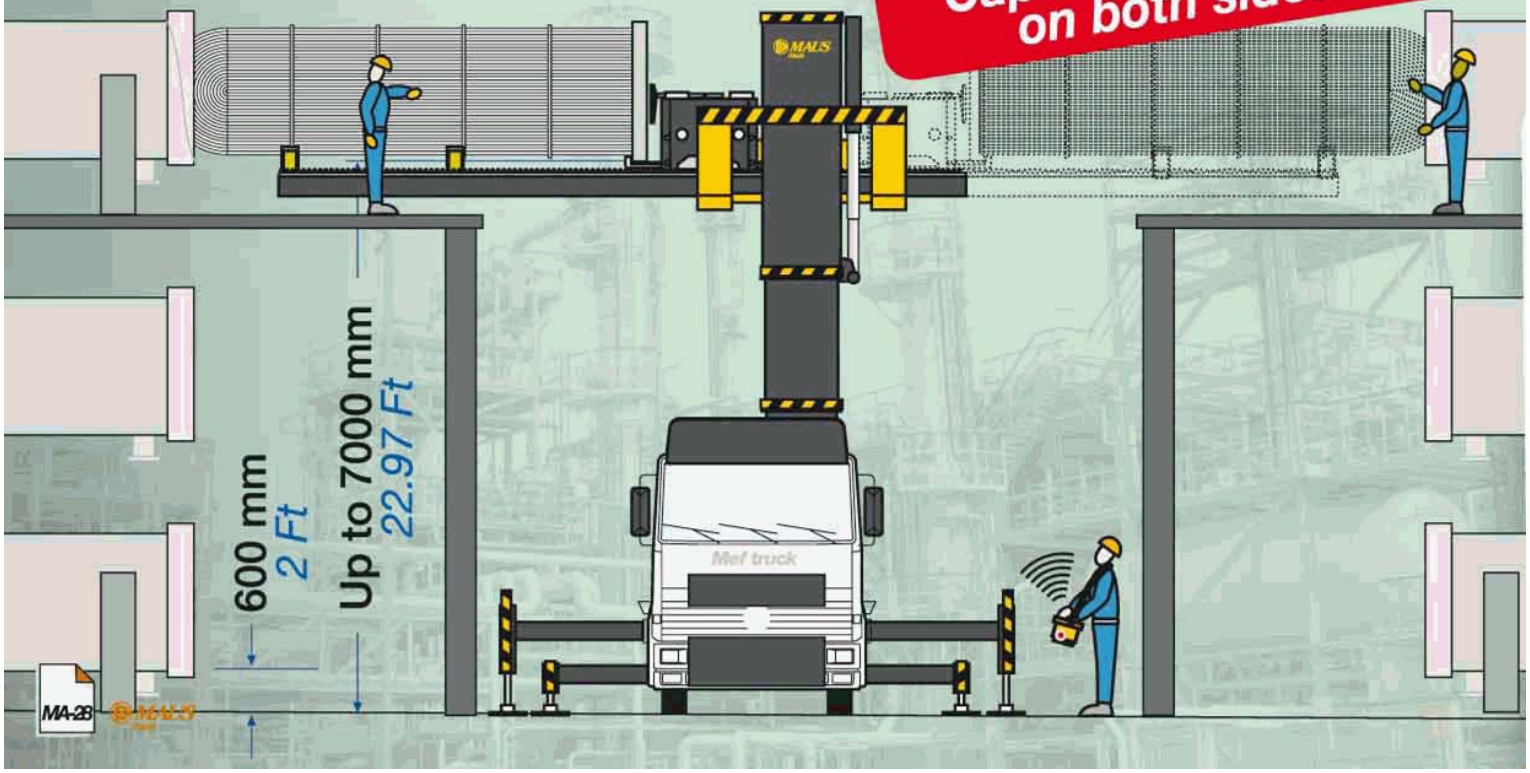
Quick pulling

Performing and reliable

Self propelled

completely independent

Dual-Use trolley
Capacity of pulling on both sides



Main features

Mef truck positioning

Hydraulic stabilizers
Oleodynamic structure with **6 telescopic indipendent arms**

Rotating telescopic column
Complete lifting system assembled on thrust bearing and having a lifting stroke of **6400mm** *(21 Ft)*: 600 ÷ 7000 mm *(2÷23 Ft)* .90° column rotation is permitting the **positioning of the extractor** on the same axis of the bundle ***(working positon)***

Extractor frame
The extractor frame is assembled on the lifting fork and it is longitudinally mouved by two double effect hydraulic cylinders.

Pulling/pushing

Manual trolleys
They grant a safe support during the extraction/insertion of the bundle.

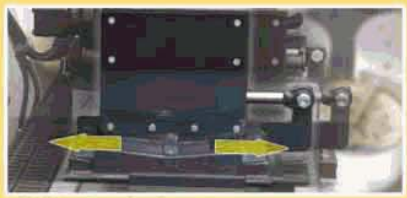
Pulling/pushing trolley
Bundle extraction on both truck sides thanks to the frame design and especially thanks to the main carriage (complete with anchoring plate on both sides) design with capacity of pulling/pushing on both sides.

Control

Proportional remote control
Control on working operations by radio remote control wireless system.

Manual commands
Emergency push buttons command.

Dual-Use trolley pulling / pushing



Lifting/anchoring plate

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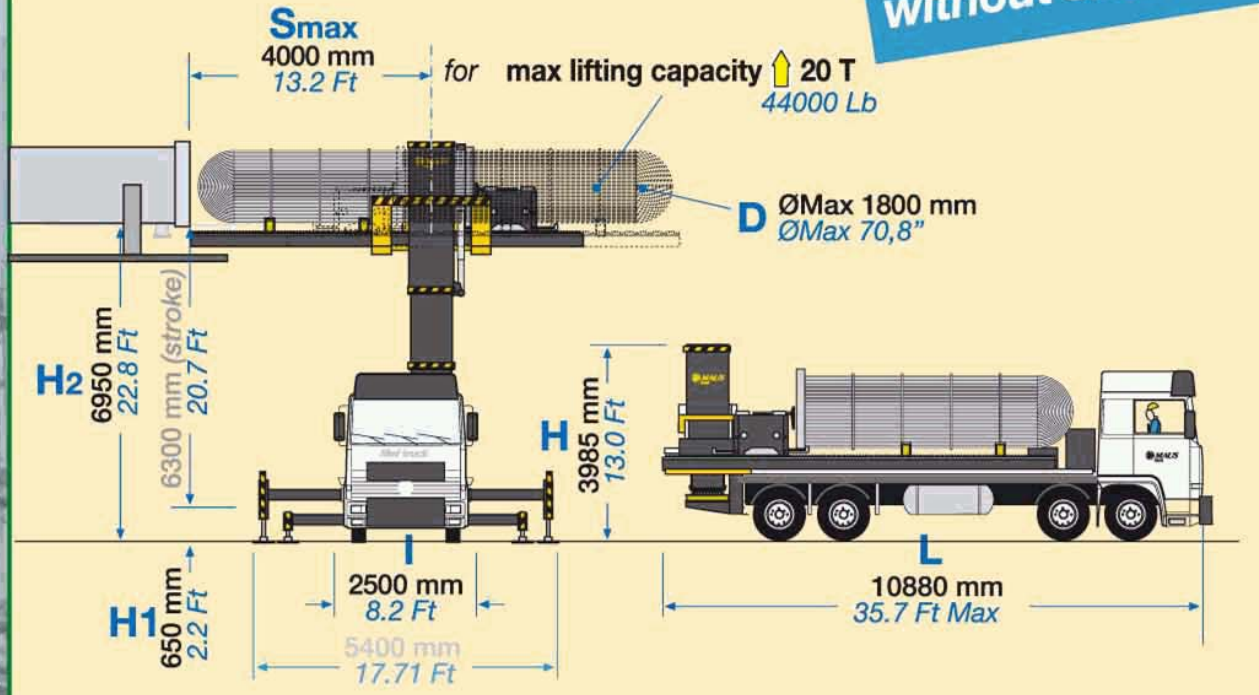
Mef truck

Technical features

Fast extraction without shell hooking



Bundles dimensions and max weight				1800 75	
Tube sheet O.D.	D	mm		1800	70.8
Length		mm	Ft	7500	24.6
Max lifting capacity ⇧		T	Lb	20	44000

	Overall dimensions and weight				1800 75	
*	Truck width	I	mm	Ft	2500	8.2
*	Height	H	mm	Ft	3985	13.0
*	Length	L	mm	Ft	10880	35.7
	Weight		Kg	Lb	32900	72500

	Performances/ working capacities				1800 75	
**	Ledge	Smax	mm	Ft	4000	13.2
***	Bundle elev. (min/max)	H1/H2	mm	Ft	650/6950	72550
	Pulling max speed		m/min	Ft/min	2	6.6
	Pulling/pushing force ⇦		T	Lb	40	88000

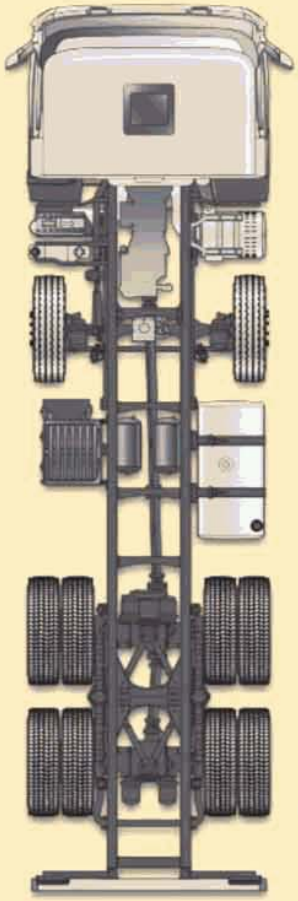
Mef truck is supplied with:

- **VOLVO FM13 360 8x4**

Class
EURO 4 (standard)
EURO 5 (optional)

Engine
D13B 13 litre
inline 6 cylinder
turbo charged
intercooler diesel

Max power
360 HP (270KW)
at 1400-1800 rpm



* *With extractor closed on the truck*

** *As to truck axis (measure of working position)*

*** *Measuring at the tube sheet bottom*