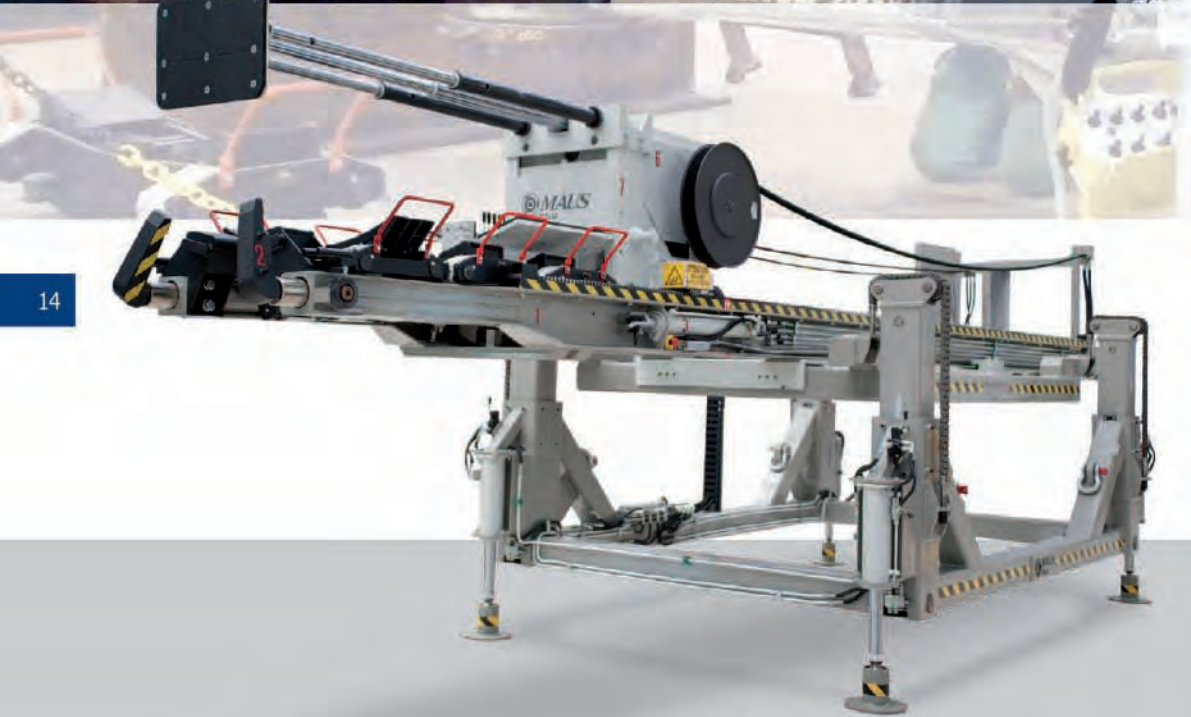


Total safety
for both operator and product

Photograph

By the kind
permission of



Power unit
Independent electric
hydraulic power unit
assembled on a four
wheels trolley for
easy movement





Mef shop^{IN}

Self positioning tube bundles inserter/extractor

The **Mef shop**^{IN} is an independent machine (no crane required) capable to insert/extract the bundle in a fast, accurate, and safe way.

Thanks to its experience in manufacturing maintenance extractors, Maus Italia presents a machine dedicated to modern companies manufacturing heat exchangers.

Max load capacity 22 T (48500 Lb)



BundleIN

Tube bundles inserter for heat exchangers.

The **BundleIN**, together with the gantry crane, enables to solve the problem of a **fast, accurate, and safe** insertion.

The original functioning based on two **synchronized hydraulic guns** stretching two steel wire ropes makes it possible to apply it to **tube sheets regardless of length limits** with the following main features:

- **Tube sheet max diameter limitless**
- **Tube bundle max length limitless**
- **Max load capacity limitless (according to the gantry crane)**
- **Max pulling force 60 T (132200 Lb)**
- **Max insertion speed 2 m/min (6.5 Ft/min)**

Mef shopIN

Fixed station tube bundle heat exchangers inserter/extractor.

The **Mef shopIN** is an **independent machine** — **no gantry crane required** — and it enables to solve the problem of **fast, accurate, and safe insertion and extraction**.

The Maus Italia expertise in **manufacturing extractors (aerial, self-positioning and off-shore extractors)** made it possible to create a machine dedicated to modern companies manufacturing heat exchangers with the following main features:

- **Tube sheet max diameter 2000 mm (78")**
- **Tube bundle max length 7500 mm (295")**
- **Max load capacity 22 T (48500 Lb)**
- **Max thrust/pulling force 35 T (77100 Lb)**
- **Max insertion/extraction speed 1,5 m/min (4.9 Ft/min)**

Maus Italia (an **ISO 9001 certified company**) is able to provide **entirely customized Mef shopIN** according to the customers' requests.

