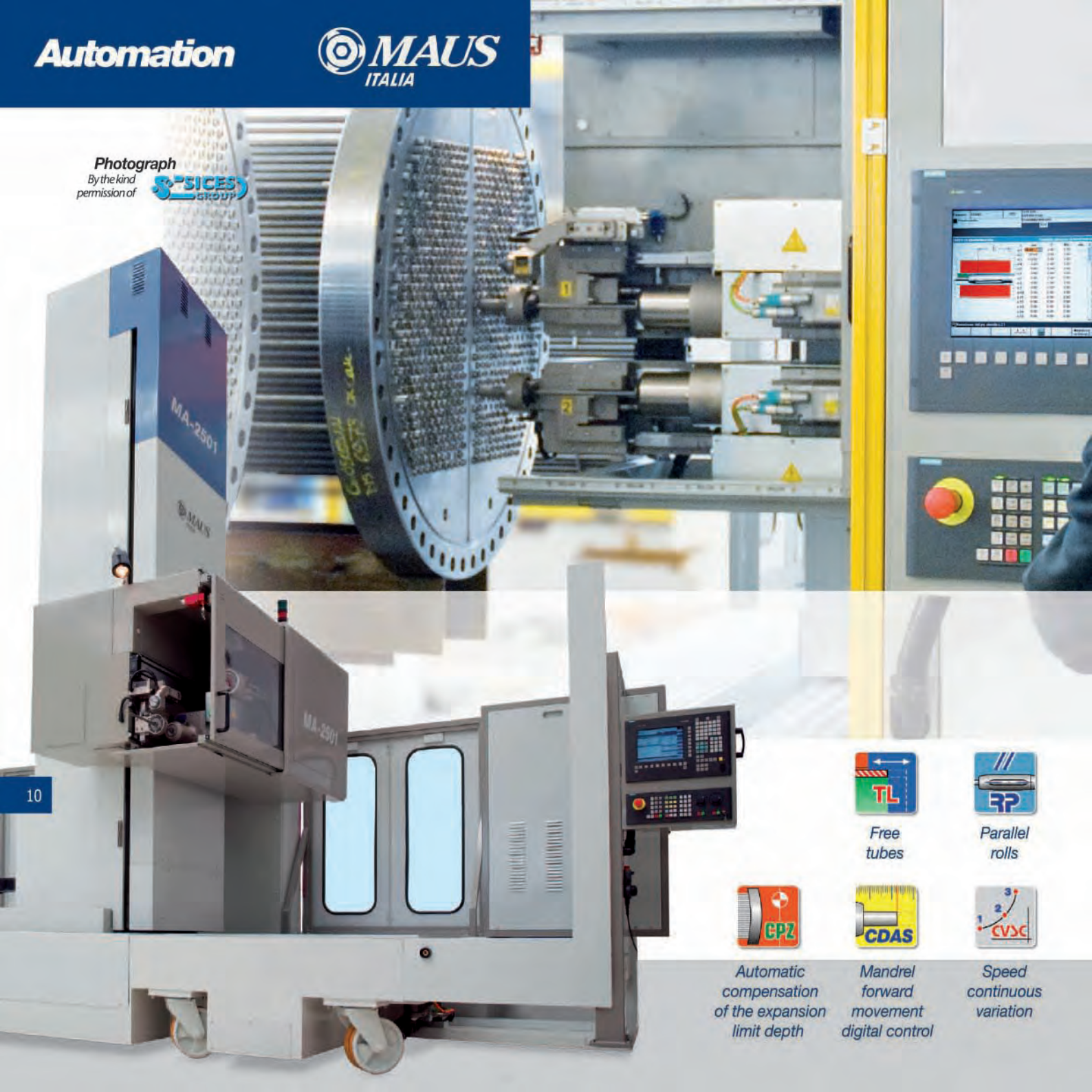


Photograph

By the kind
permission of



Free
tubes



Parallel
rolls



Automatic
compensation
of the expansion
limit depth



Mandrel
forward
movement
digital control



Speed
continuous
variation



The possibility to lean the **MA-2501** will allow the machine to be suitable for any type of transport






MA-2501

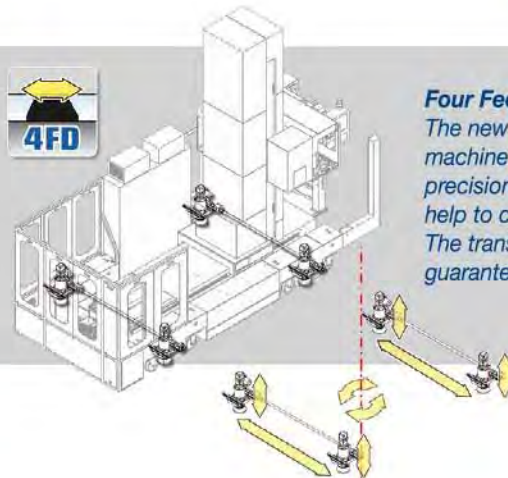
Single or double axis cnc working centre with movable machine for **rolling, facing, grooving** and **TIG orbital welding**.

The **MA-2501** is the most innovative and effective solution ever proposed by Maus Italia as automatic process for assembling of the medium and large size heat exchangers.



MA-3501
Up to tube sheet diameter 3500 mm (140")

-  High technology
-  Maximum productivity
-  Maximum manoeuvrability



Four Feet Drive

The new **MA-2501** and **MA-3501** servo hydraulic machine basement guarantees toughness and precision. In particular, the 4 positioning stabilizers help to compensate the horizontal positioning error. The transmission system on each stabilizer guarantees continuity and precision in movement.

FOCS
self-learning centering feeler



MA-500

Cnc working centre with **single axis** fixed machine to **expand** and **face** the tube bundle tubes.

Automatic solution ideal for the **serial production** of **tube bundle exchangers** with the following features:

- **Tube sheet max diameter**
1000 mm (40")
- **Tube sheet max thickness**
200 mm (8")
- **Tube diameter**

First line of tube expanders called "light"

6 ÷ 16 mm (1/4" ÷ 5/8")

Second line of tube expanders called "heavy"

9,5 ÷ 51 mm (3/8" ÷ 2")

MA-2501

Cnc working centre with **single or double axis** movable machine for **expansion**, **TIG orbital welding**, and **facing** of the **tube bundle tubes** and for the **grooving** of **medium-large diameter tube sheet holes**.

The **MA-2501** is the most innovative and effective solution ever proposed by Maus Italia as for automating the process cycles of assembling of the **tube bundle exchangers** with the following main features:

- **Tube sheet diameter**
2500 mm (100")
- **Tube sheet max thickness**
700 mm (27.5")
- **Tube diameter**
9,5 ÷ 51 mm (3/8" ÷ 2")

The specified diameter of the tube sheet refers to the **single positioning**. Processing on **greater diameters** is possible with fast and simple **multiple positioning**.

