

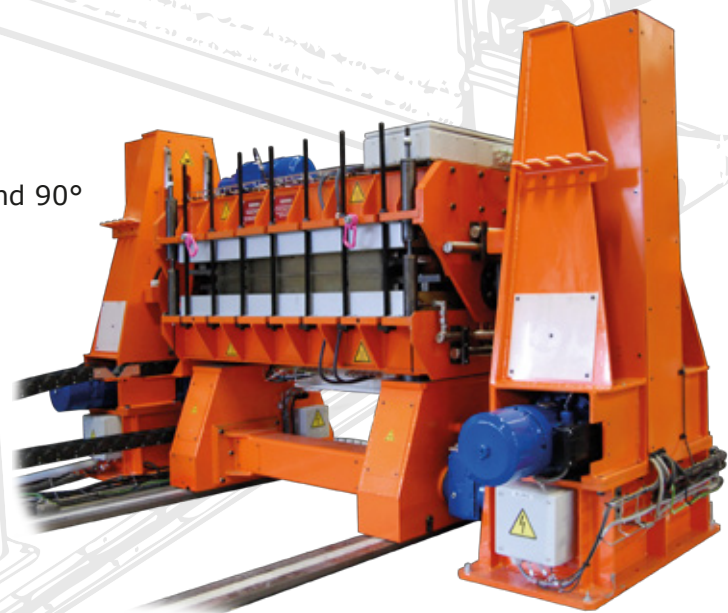
## OUR STANDARD MODELS

	TME 20	TME 40	TME 60	TME 120	TME 160
Size platens (mm)					
Length(L)	500	800	1000	1500	2000
Width(W)	400	500	600	800	800
Height between platens(h)	300	400	500	500	500
Translation / Rotation movement					
Z Translation	Speed 1 to 2 m/min - ± 1 mm precision				
Y Translation	Speed 0.5 to 1 m/min - ± 1 mm precision				
RX Rotation	Speed 360°/min - ± 1° precision				
Injection RX Rotation <i>(option)</i>	Speed 360°/min - ± 1° precision				
Heating & Cooling					
Heating	Max 250°C	Max 250°C	Max 250°C	Max 250°C	Max 250°C
Cooling	Optional	Optional	Optional	Optional	Optional
Command					
Piloting	Bimanual	Bimanual	Bimanual	Bimanual	Bimanual
Supervision	Included	Included	Included	Included	Included
Clamping					
Clamping force (T)	20	40	60	120	160
Clamping	Manual	Manual	Manual	Manual	Manual

Our equipments are conforming to the European standards.

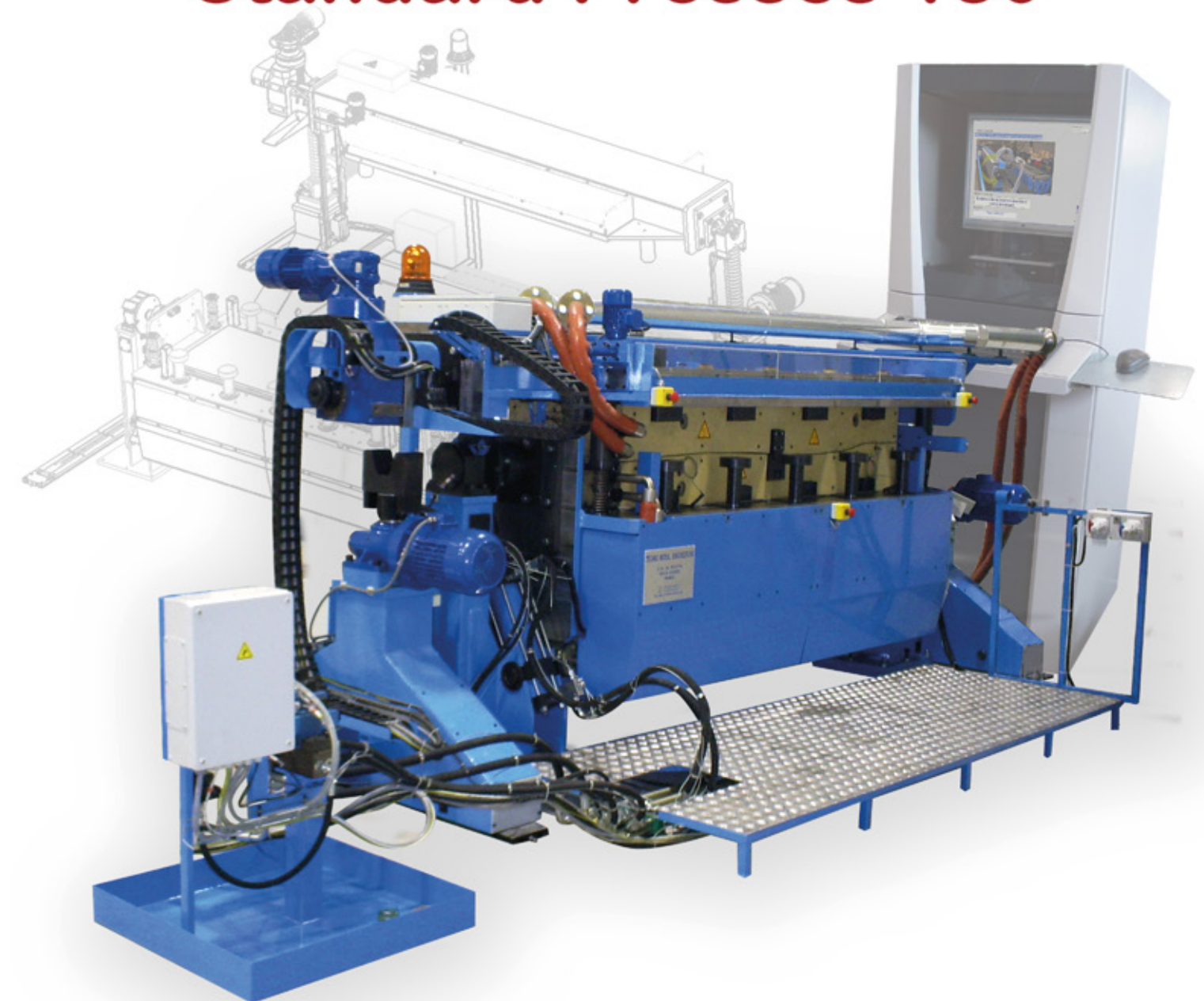
## OPTIONAL EQUIPMENTS

- Cooling by flow of cold water.
- Electrical rotation of the closed press between 0° and 90° for preferred positioning for injection.
- Hydraulic clamping.
- Equipment for vacuum ( vacuum pump, sensor,...).
- Resin injection machine.
- Pressure sensor.
- Resin flow sensor.
- Tools.



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## Standard Presses 180°

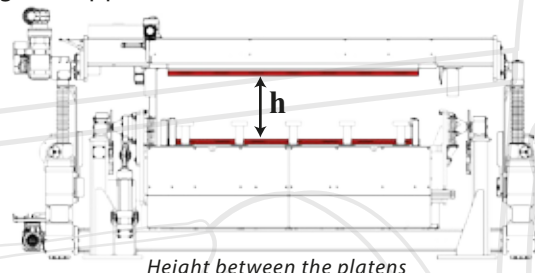


“ Engineered for a maximum performance. Available in a variety of configurations to meet practically any need. ”

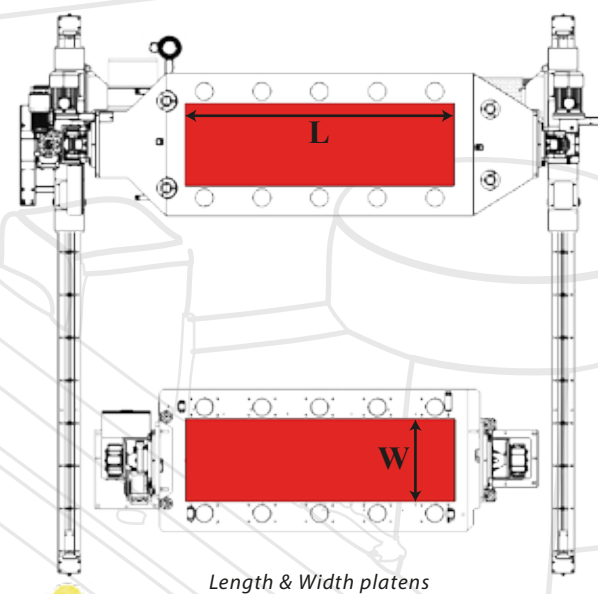


## DIMENSIONS OF THE PLATENS

In the interests of optimal flexibility, we developed a press with the dimensions of platens ranging from 500 to 2000 mm long and 400 to 800 mm wide. The height between the platens varies from 300 to 500 mm, depending of the chosen model. This type of press meets the ergonomic requirements and allows easy accessibility for molding, cleaning and mold release agents application.



Height between the platens



Length & Width platens

## TRANSLATION & ROTATION

All movements are electric.

### Z Translation :

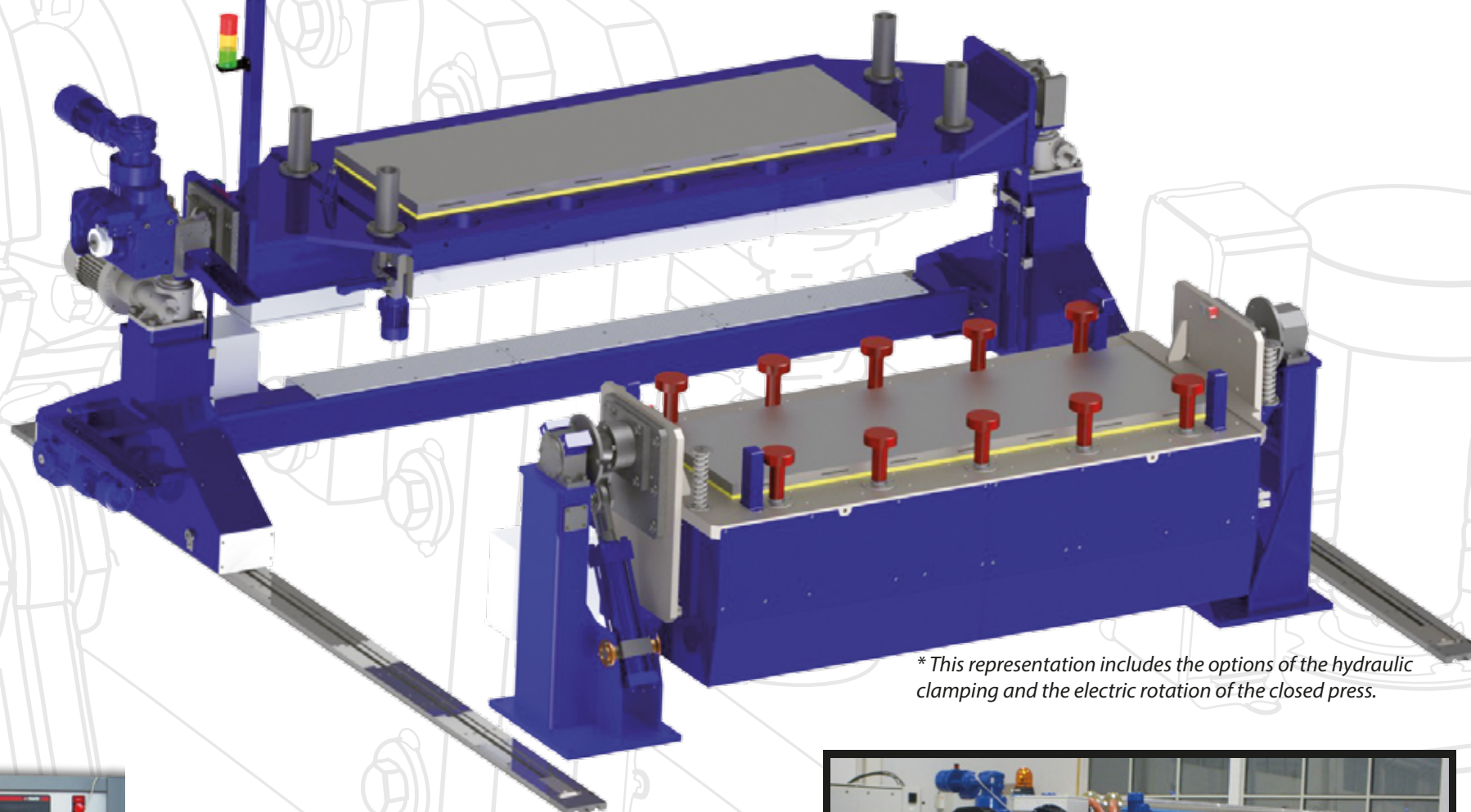
- Movement of the carriage.

### Y Translation :

- Elevation of the upper beam.

### X Rotation :

- Tilting of the upper beam from 0° to 180°.
- Complete rotation to a preferential positioning for the injection (*optional*).



\* This representation includes the options of the hydraulic clamping and the electric rotation of the closed press.

## THE COMMAND OF THE PRESS

Each of our presses is equipped with a supervision man/machine interface and ensures traceability of the cycle (temperature, pressure, vacuum...)

The command of a supplementary electric heating on the mould will be possible with our supervision.

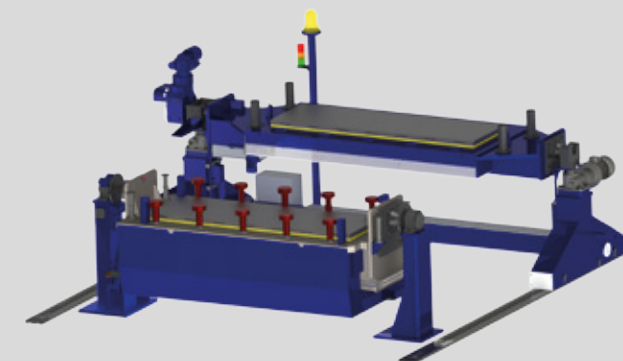
## HEATING AND COOLING

The heating is performed electrically, which allows the heating of the tooling at a temperature up to 250°. The heating rate will be parameterizable at maximum 3°C/min. Homogeneity on the platens: +/-5°C.

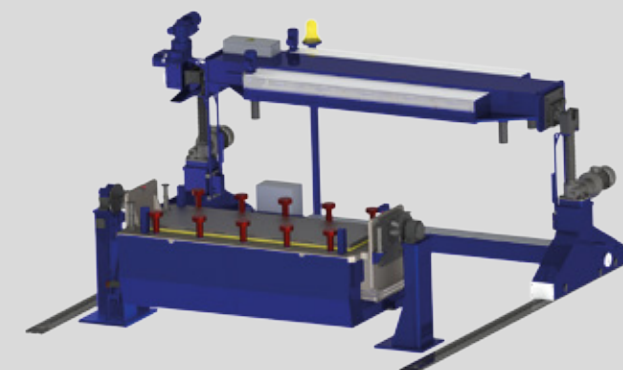
The cooling is achieved by a cold water circulation system inside the platen.

## CLOSING AND CLAMPING

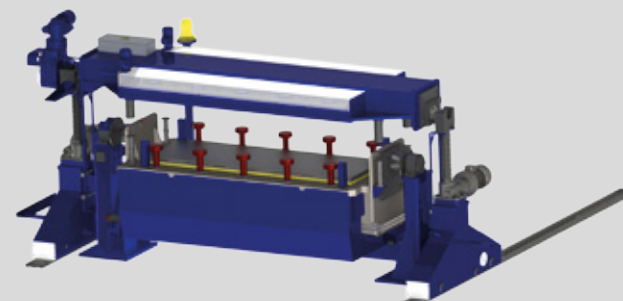
The clamping force depends on the press model: 20-160 tons (10 bars pressure on the moulding surface). The clamping is manual or automatic (*optional*).



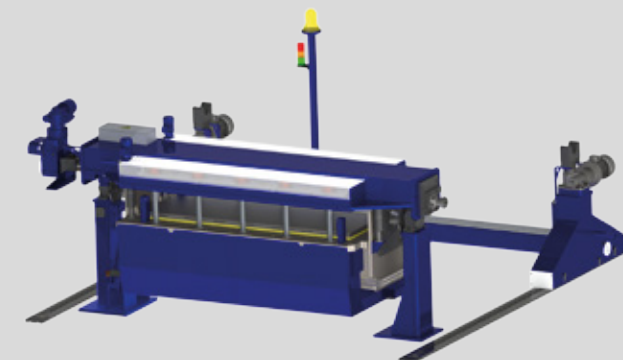
### ① Initial State



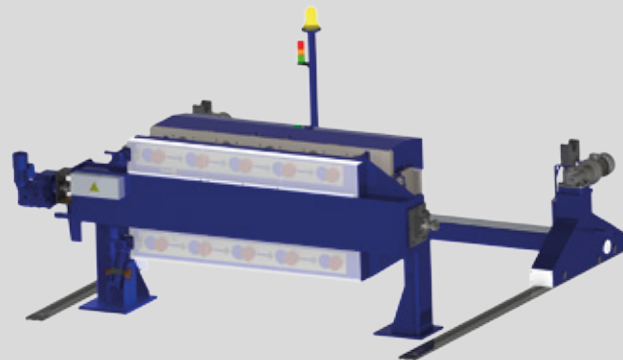
### ② Elevation & Rotation



### ③ Translation carriage



### ④ Closing & Clamping



### ⑤ Rotation & Injection (Optional)

