

**MATE**  
presse

**PRESSE ECCENTRICHE**

MC

**C-FRAME  
PRESSES**



**MATE SRL**

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### FRAME

Project and verification of main elements with FEM system.  
High strength normalized welded steel construction.

### MOTOR

The main motor with variable speed on each model.

### DRIVE

Simple or double gear reduction.

Fast shaft with spiral milling cutter made from the shaft itself.

Gear reduction in oil bath.

The eccentric shaft, made in chrome-molibdenum steel, has the following options:

- Eccentric shaft fixed stroke length;
- Eccentric shaft variable stroke length, semi automatic or automatic;
- C-link with slow down speed of slide to the B.D.C;

### SLIDE

Made in cast iron , adjustment of die space with brake-motor and mechanical display with decimal resolution 0,1mm.

Guiding system with 8 bronze gibs to get a perfect allignement of slide in each point of stroke length.

Low pressure adjustable cylinders to balance slide weigt and clearances of parts working in alternate motion.

### HYDRAULIC OVERLOAD SAFETY

All models are equipped with hydraulic overload safety.

### LUBRICATION PLANT



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Composed by gear oil pump and progressive oil distribution unit.  
The plant is monitorized with oil level alarm and pressure oil alarm.  
The plant is also studied with total recovery of lubricant.

### ELECTRIC PLANT

Automation and control of press parameters with PLC and display of alarms on touch screen panel.

Parameters on display:

- Adjustment and visualization of press speed;
- Programmable piece counter and press life piece counter ;
- Die space adjustment;
- Manual or automatic stroke length adjustment ;
- Die protections;
- Alarms display;

### STANDARD EQUIPMENT

- Semi automatic stroke length adjustment;
- Die space adjustment by brake-motor and mechanical display with decimal resolution;
- Variable speed motor;
- Hydraulic overload safety;
- Automatic adjustment at T.D.C (starting from MC-100) ;
- Double work table;

### ON DEMAND

- Automatic stroke length adjustment;
- Air cushion;
- C-link, slow down speed of slide near B.D.C ;
- Electronic cams;
- Safety barriers type 4;
- Antivibration feet;
- Assistance via internet;

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