



**OMC Machinery SRL**

Via 1° Maggio 38, 24060, Bolgare (BG) ITALIA

**HOT PRESSES**

## **MODEL PL**



The PL can be provided with different types of platens according to the needs of production and with different types of heating systems in order to ensure the best results of processing required by the customer. The presses PL (water or oil) are complete with pump, heating, expansion tank, and piping system. Series are: pressure recovery that works automatically inserted leaving the current, the emergency rope and the automatic opening by timer.

### **Types of platens:**

The PL presses model can have different types of plates: assembled coil, assembled and milled, solid and electrical Elkom.

Assembled coil platens: As you can see in the floor there is a coil inside which circulates the heating fluid. Very light, have a surface coating with aluminum foil. Are entirely designed, manufactured and tested at OMC.

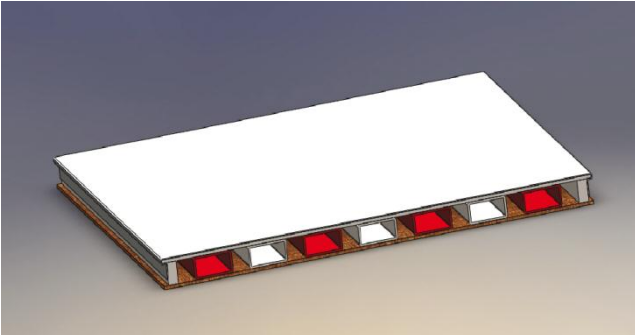
**OMC Machinery SRL** Via 1°Maggio 38, 24060, Bolgare (BG), ITALIA

tel.035/841280 fax. 035/8350116 [info@omcpresse.it](mailto:info@omcpresse.it) [commerciale@omcpresse.it](mailto:commerciale@omcpresse.it) [www.omcpresse.it](http://www.omcpresse.it)

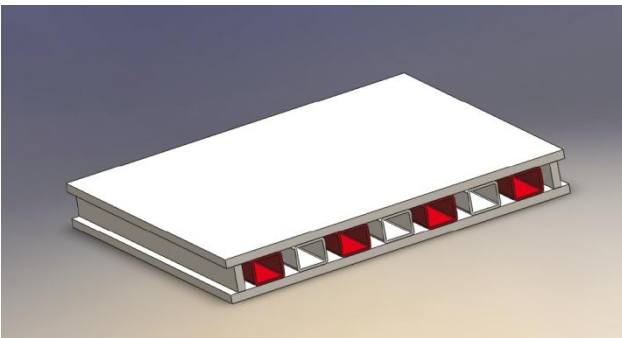


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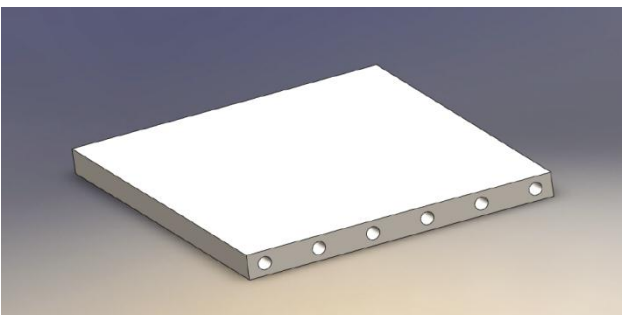
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Milled assembled steel platens: Even within this type of plate is inserted a coil but, unlike the plans described above, these have a more robust structure and, moreover, the work surfaces are milled. These will later be covered with aluminum foil. They are entirely designed, manufactured and tested at OMC.



Drilled steel platens: this type of platen is composed by a thick steel platen (30mm) and inside of it there is a circuit in which circulates the heating fluid, which is the most suitable for high pressures. Usually this type of platen is covered with mylar or aluminum. They are entirely designed, manufactured and tested at OMC.



Elkom electric plates: This type of platen is heated thanks to the presence, inside of it, of electrical resistors. The presses on which the Elkom platens are mounted do not have any heating system. Platens made in Germany.

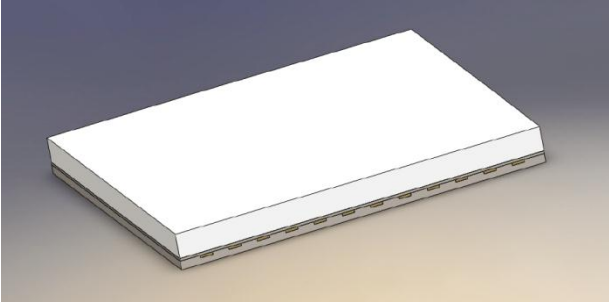
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### Types of heating system:

oil boiler: used as heating fluid oil, this type of system can reach maximum temperatures around 120 ° C

hot water / boiler: used as heating fluid water, this type of system can reach maximum temperatures around 90 ° C.

Elkom electric platens: they heat up thanks to internal resistance. The maximum temperature reached by this solution are around 120 ° C.

OPTIONALS: LOGIC CONTROL VERSION



New FULL TOUCH SCREEN digital panel, with automatic system of pressure recovery and heating control system.

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MODEL	DIMENSIONS	PISTONS	PUMP	HP	BAR	KG/CM 2	OVERALL DIMENSIONS
PL40	2500x1300	4 Ø 70	21LT	2	260	1.25	3200X1600X1850
PL70	2500x1300	4 Ø 70	21LT	2	260	1.5	3200X1600X1850
PL80	2500x1300	4 Ø 85	21LT	2	350	2	3200X1600X1950
PL90S	2500x1300	6 Ø 70	38LT	3	350	2.4	3200X1600X2050
PL105	2500x1300	6 Ø 85	38LT	3	260	3.2	3200X1600X2000
PL120	2500x1300	6 Ø 85	38LT	3	350	3.6	3200X1600X2000
PL70	3000X1300	6 Ø 70	21LT	2	260	1.5	3600X1600X1850
PL90S	3000X1300	6 Ø 70	38LT	3	350	2	3600X1600X2050
PL105	3000X1300	6 Ø 85	38LT	3	260	2.7	3600X1600X2000
PL120	3000X1300	6 Ø 85	38LT	3	350	3	3600X1600X2000
PL160	3000X1300	8 Ø 85	58LT	3	350	4	3600X1600X2150
PL105	3500X1300	6 Ø 85	38LT	3	260	2.3	4200X1600X2000
PL120	3500X1300	6 Ø 85	38LT	3	350	2.3	4200X1600X2000
PL120S	3500X1300	8 Ø 70	38LT	3	350	2.6	4200X1600X2000
PL160	3500X1300	8 Ø 85	58LT	3	350	3.5	4200X1600X2150
PL200	3500X1300	10 Ø 85	73LT	4	350	4.4	4200X1600X2150

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