

HOT PRESS FOR SHAPED SURFACE COVERING, MODEL: CVM2 40/16

From the depression exerted by the membrane and following heating phase combination, the press is suitable to cover shaped surfaces with natural wood veneer or any type of traditional covering material with a working cycle of about 5/6 minutes according to the type of glue and material used

MAIN FEATURES

Press platen dimension	4000 x 1600 mm
Membrane frame inner dimension	3950 x 1550 mm
Useful working dimension	3900 x 1500 mm
Loading side	4000 mm
Max. processable height	500 mm
Working height (approx. from floor).	900 mm

In case of pressing of parallelepiped shaped piece, its max. base dimension (in length and width) must be not overpass the membrane frame inner dimension less the double of the height of the piece itself. In order to preserve the membrane life and to avoid its perpendicular elongation it is important to foresee filling shapes, removing sharp corners from both filing shapes and piece.

STRUCTURE

Press structure made out of welded beams and shaped iron sheets

Closing carters thermally insulated by means of rock wool.

Rotating Central bed equipped with two working platen, covered by phenolic plywood and a special film easy to clean and chemical product resistant.

On the platen surface is realized channelling system connecting each other the four vacuum application points. This system grants a uniform distribution of the vacuum itself.

N° 2 closing frames in tubular steel, hinged to the rotating bed. The closing frames have a 45° book opening system and movement aided by a gas shock absorber It is equipped by a perimetral hooking system (dovetail type) allowing the membrane installation avoiding holes on it.

A special locking system allows to fit the membrane on the machine without any damage for the membrane itself.

N° 2 heat proof membranes in special rubber having an high elongation ratio (800%)

Static disc brake with control inserted into the lifting handle in order to have a total control of the bed during the rotating phase.

VACUUM PLANT

Manual actuator with 90° rotation for the vacuum application and exhaust on the working platen

The machine is equipped by a vacuum plant

N°2 Vacuum pump: 25 m³/h

Max. vacuum: - 0,5 mbar equal to 99.95%

Control Vacuumeter integrated to the structure.
Max tot. thrust: **60 Tons**

HEATING SYSTEM

Heating system by means of electric resistances with high radiating surface fitted on the lower part of the machine.

Temperature setting control by means of micro-contact tele-thermometer

Installed power: **21 kW** (approx.)

ELECTRICAL PLANT

The centralized control board includes all the electro-mechanical components needed for the machine functioning such as:

Main switch ON/OFF

Vacuum pump ON/OFF switch

Heating system ON/OFF switch

Power signal light

Thermal intervention light.

Exclusions:

- machinery and material unloading c/o the Customer place;
- installation and commissioning of the machines c/o the customer place;
- support staff for our technician during installation/commissioning;
- possible digging, masonry and painting by the customer;
- electrical, pneumatic and hydraulic connections to the Customer main supplies;
- electrical connections to machinery not supplied by us;
- transport and packing of the goods;
- anything not specified in the offer.

Regulation: ORMACCHINE spa declares that the machines supplied are not CE marked, but are built in compliance with EN ISO 12100 safety of machinery, UNI EN 61439- 1 Electrical panels of machines and CEI EN 60204-1 Electrical equipment of machines regulations.

Declaration: ORMACCHINE Spa reserves the right to modify the specifications of the line should it be necessary to improve it in phase both of designing and engineering.

Voltage: 400/3/50Hz