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P96G

MOLDING MACHINE FOR FOAM PIECES WITH ROTARY TABLE

MOLDING MACHINE OF FOAM PIECES WITH TWO PAIRS OF MOLDS AND ROTARY TABLE P96G

The machine P96G is a high productivity two pairs of molds unit with rotary table that can mold different types of rectangular foam pieces max dim. 22 x 36 cm used for padding of sportswear such as biker pants pads

TECHNICAL FEATURES

- The machine consists of a rotary table with one loading/unloading stations and one molding stations.
- The operator positions the pieces on the loading/unloading area while machine is molding the pieces on the other side.
- The molding cycle consists of the descent from the top of the upper molds then the lower molds move upward to mold the material.
- The normal molding time is from 20 to 50 sec depending on the type of material.
- After molding, the rotary disk turns of half revolution to unloading the moulded pieces while the new material goes to the molding area. The rotary table is driven by a brushless motor to achieve maximum positioning accuracy and repeatability over time
- The heating resistances are located on the plates to support the mold therefore it is sufficient to plug the socket of the thermocouples inside the mold for temperature control to the machine.
- The rectangular mold support has sloped sides for an easy positioning of the mold in the machine and to reduce to 2-3 min the time to change a mold. If new mold has been previously heated with an oven and machine is immediately in operation.
- All molding times and temperatures are adjustable on touch screen terminal with digital timers and temperature controllers.
- PLC controlled machine with operator terminal to display alarm messages.
- Presetable timer for automatic startup and shut down of the unit standard on the machine.

TECHNICAL DATAS

- Max dimensions of the mold: 220 x 360 mm.
- Max molding temperature: 250°C.
- Installed power: 12 kW 400V±5% 50 Hz 3-phase +Neutral+Ground.
- Compressed air: 6 bar min (58.5 PSI), 200 lt/hour).
- Time to change a size: 3 min