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P92

MOLDING MACHINE FOR BRA CUPS WITH TWO MOLDS

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The machine P92 is a flexible unit with two molds than can mold different types of materials (cotton, elastomeric fabrics, micro fibres, multi-layer fabrics) including pre-cut pieces (i.e cups with the shape to be sewn on the bra, no need of die cutting after molding) and in some cases even the finished garment (post-molding).

TECHNICAL FEATURES

- The machine consists of two molding areas where the pieces are loaded/unloaded on a cold disk that can be changed depending on the size.
- The operator positions the pieces on the loading/unloading stations then starts the molding cycle and waits until they are molded.
- The molding cycle consists of the descent from the top of a heated bell to keep uniform the temperature around the fabric and then a heated mold moves upwards for molding the cup.
- This exclusive system reduces the molding time to 18 - 25 sec or less.
- Once the cycle is finished, the operator removes the molded cups and positions the new material.
- A simple adjustment enables the position of the mold in the heated bell to get the requested height of the cup.
- All setting of temperature and times are adjustable with digital thermoregulators and timers to be programmed on the touch screen terminal..
- PLC controlled machine with and a touch screen terminal for entering thermoforming parameters and displaying alarm messages.
- The operation of changing the molds and the disks is easy and fast, no need to do any electrical connection.
- Presettable timer P90/TIM for automatic start-up and shut down of the unit on request.

TECHNICAL DATAS

- Max mold diameter: 195 mm. (7" ½)
- Max molding temperature: 250°C.
- Installed power: 6 kW 400V±5% 50 Hz 3-phase +Neutral+Ground.
- Compressed air: 6 bar min (58.5 PSI), 200 lt/hour).
- Time to change a mold: 3 min.