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P96/R180

***MOLDING MACHINE FOR FABRIC WITH ROTARY TABLE
AND ADJUSTABLE DISTANCE BETWEEN THE MOLDS***

P96/R180 MOLDING M/C FOR BRA CUPS WITH TWO MOLDS ADJUSTABLE DISTANCE AND ROTARY TABLE

The machine P96/R180 is a high productivity two molds unit with rotary table and adjustable distance between the two heads that can mold different types of fabrics (cotton with elastomeric fabrics, microfibers, 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

- Machine consists of a rotary table with a loading/unloading area and a molding area on the opposite side.
- The distance between the molds is adjustable from 12 mm to 270 mm. The minimal possible distance between the holes in the plates is 10 mm
- The upper and lower plates can be made with the distance between the holes for the molds from 15 mm to 270 mm upon request
- The operator positions the pieces on the loading/unloading area while the machine is molding the pieces on the opposite area.
- 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.
- The normal molding time is from 20 to 50 sec depending of 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.
- 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 timers and thermoregulators.
- Machine equipped with PLC and operator terminal to set machine data and display alarm messages.
- The operation of changing a mold and/or a disk is easy and fast, no need to do any electrical connection.
- Presettable timer for automatic start-up and shut down of the unit standard on the machine.

TECHNICAL DATAS

- Max mold diameter : 180 mm. (7")
- Max molding temperature : 250°C.
- Installed power : 10 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