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P94

**MOLDING MACHINE FOR BRA CUPS WITH TWO MOLDS
AND ADJUSTABLE DISTANCE BETWEEN MOLDS**

MOLDING MACHINE FOR BRA CUPS WITH TWO MOLDS AND ADJUSTABLE DISTANCE BETWEEN MOLDS P94

The machine P94 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) but cannot mold foam materials.

TECHNICAL FEATURES

- Possibility to adjust the distance between the molds and the heated bell for molding the open garment with both cups on the same operation (one mold thermoform one cup).
- 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 and waits the 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 even to 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 timers and thermoregulators.
- PLC controlled machine.
- 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 startup and shut down of the unit on request.

TECHNICAL DATAS

- Max distance between the molds : 120 mm. (4" $\frac{3}{4}$)
- Min distance between the molds : 20 mm. ($\frac{3}{4}$ ")
- Max mold diameter : 140 mm. (5" $\frac{1}{2}$)
- Max molding temperature : 250°C.
- Installed power : 6 kW 400V $\pm$ 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.