



TF 06-02
TIPFORMING AND PUNCHING -
4 STATIONS

Product Description

The TF 06-02 is designed to form tips and punch eyes in disposable medical catheters produced from thermoplastic material.

Forming and punching takes place, when the raw catheter tubes are fed into the 4 glass or nickel molds. The molds are then heated to a specific temperature, for a specified amount of time, using hot air. After forming is done, the eyes are then punched. The TF 06-02 uses 4 programmable linear servo motors to automatically feed the catheter tubes. This guaranties a precise tube feeding, whereby a continuous high tip quality is maintained. All forming parameters can be stored to product recipes, which allow for fast and efficient change in both tube size and material.

The TF 06-01 is designed to handle 4 molds and punch tools at a time; while two molds are heating up, the other two are cooling. From a 5.7' touch PLC panel, forming parameters and recipes are easily controlled. All process parameters of the forming can be easily accessed, and feedback is almost instantaneous due to the linear servo motors.



Production capacity:

The production capacity is between 1.200-1.400 units per hour. Depending on the CH size of the tube and the experience of the operator.

Tube specifications:

Tube Diameter: CH/Fr 3-42 (one mould and punching tool is used for each CH size).
 Tube Material: Most thermoplastics.
 Tube Length: Infinite.
 Tube Shape: Nelaton, Tiemann, Coude, round open/closed.

Installation:

Required Space: Length app. 600mm, width 635mm, height 635mm.
 Power: 1x230 V AC 50-60Hz 10A.
 Compressed Air: 8 bars of cleaned and dried air. 200 l/min.

Environment:

It is recommended to operate the machine in a clean environment.

SOEBYGAARD MACHINE DESIGN

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