



TF 04-02
TIP FORMING - 4 STATIONS

Product Description

The TF 04-02 is designed to form tips in disposable medical catheters produced from thermoplastic material. Forming takes place when the raw catheter tubes are fed into the 4 glass or nickel molds, which is then heated to a specific temperature, and held for a specified time, using hot air.

The TF 04-02 uses 4 programmable linear servo motors for automatically feeding the catheter tubes. This guarantees a precise tube feeding, whereby a constant and repeatable quality of the tip is obtained.

All forming parameters can be stored to products that allow fast and efficient product change of tube sizes and materials.

The TF 04-02 is designed to handle 4 molds at a time; while two molds are heating up, the other two are cooling and vice versa.

Forming parameters and recipes are easily controlled via a 5.7' PLC touch panel. All parameters of the forming process can be easily accessed, and a fast feedback is given during setup due to the linear servo motor.

Production capacity:

The Tip forming machine has a production capacity between 800 – 1.400 units per hour, depending upon the Ch/Fr size of the catheters, material thickness and the experience of the operator.

Tube specifications:

Tube Diameter:	Ch/Fr 3-42 (For each form and size a specific mould is required.)
Tube Material:	Most thermoplastics
Tube Length:	Infinite
Tube Shape:	Nelaton, Tiemann, Coude, Round open / Round closed

Installation:

Required Space:	Length app. 600mm, width 635mm, height 635mm.
Power:	1x230 V AC 50-60Hz 10A.
Compressed Air:	8 bars 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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