



DR 03-02
Redon drain machine

Product Description

The fully automatic drain machine is, in its basic version, designed for production of Redon drains. It offers a freely programmable number of cross-punched relieving eyes, hot stamped marks and cutting of the tube

The Fully Automatic Drain Machine comprises of:

- Tube rack - holding two tube reels with an outside diameter of max. 450 mm.
- Tube reels feed unit - where speed can be adjusted.
- Hot stamp unit - for printing of distance marks.
- Punch tool frame - connected to filter housing and a vacuum pump for suction of residuals.
- Punch tool unit - for punching of up to two relieving eyes at a time.
- Tube position and feed unit - to ensure the exact position of the tube for punching, cutting and the hot stamp
- Cut unit - for cutting the tube into the desired length.
- Counting and bundle unit - to transport the finished Redon Drains out of the machine and placing them, in one of two trays, altering based on a selected number (e.g. 100) in the tray.

The drain machine is controlled by a PLC and all settings and interaction with the machine takes place from the touch screen. The production data for each product type can be stored in the PLC.

Production capacity:

The Redon drain machine has a production capacity between 120-400 units per hour, depending upon the tube size, tube length and the amount of holes

Tube specifications:

Tube Diameter:	Ch/Fr 8-18
Tube Material:	Most thermoplastics and silicones
Tube Length:	max 1200 mm

Installation:

Required Space:	Length app. 3000mm, width 900mm, height 220 mm.
Power:	3x230 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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