

MOD BENELI

The Beneli is the most basic discrete tubing processor where the work piece is fed into the heating chamber



FEATURES

- Reliable: Economical for one-on-one or process processes of contraction of heatshrink tubing in electrical cable joints
- Closed –loop time
- The PLC sets the precise number of seconds the assemblies being processed will stay in heating chamber. It can be set from 0.1 to 9999.9 seconds
- The processor is designed to process a broad range of heat-shrinkable products up to 1in (25 mm) in diameter and 5in (127mm) in length.

Safety Features:

- Cool down circuit–prevent component damage, PLC allows the fan to continue running for 15 minutes, until it reaches a safe temperature.
- Emergency button
- Out-of-temperature range circuit prevents the product from being fed if the temperature is not in the programmed range

SPECIFICATIONS AND DIMENSIONS

Part NO.

Beneli - 220 Volt BENELI-81-ALL-ELECTR CS4901-000

Electrical

Power Requirements 220 VAC, 1 Φ , 208-240 AC, 10 A.

Heating elements 2 ea. 500 watt ceramic heater; one top & bottom

Timing System Crouzet PLC; .1 to 9999.9 seconds

Dimensions cm (in.)

Control box dimensions Length: 23.2 cm (9in.) x Width: 21.6cm (8.5 in.) x Height: 16.5cm (6.5 in.)

Control box weight 2.1 Kg (9 lb.)

Heating chamber dimensions Length: 43cm (17 in.) x Width: 24cm (9.5 in.) x Height: 35.6 cm (14 in.)

Heating chamber weight 18 Kg (40 lbs.)

Shipping dimensions Length: 61 cm (24 in.) x Width: 61 cm (24 in.) x Height: 61 cm (24 in.)

Shipping weight 38.7 Kg (85 lbs.)

Temperature

Temperature control Omron temperature controller with a K-type thermocouple embedded in the upper heating element

Operating temperature 0°C a 600°C maximum

Processing Capacity

Inside diameter Up to 1.0 in. (2.5 cm)

Length Up to 5.0 in. (12.7 cm)



The temperature control is a closed-loop circuit . The heating element temperature set point can be adjusted from 0°C to 600°C for difference types and sizes assemblies and tubing



PLC Controlled Process



The Over Temperature Sensor to prevent an over temperature condition within the heating chamber