

MOD 21

The Model 21 is a big belt heater with several features for easy maintenance



FEATURES

- The most advanced conveyor
- Emergency button terminates all power to the processor
- When the temperature is below the specified limit or when the machine is in cool down mode, as a safety measure the machine reverses the belts motion. It also runs backwards if an of the alarms is activate
- Status indicator lights located on the front control panel indicate the state of the processor
- The drive belt speed control is a closed-loop circuit. The drive belt speed can be adjusted from a setting of 100 to 999, which varies the speed from 15.1 to 152.2 centimeters/min (0.5 to 5.0 ft/m)
- The temperature control is a closed-loop circuit . The heating element temperature set point can be adjusted from 0°C to 600°C for different types and sizes of assemblies and tubing
- Airflow baffles isolate the cooling air from the heating chamber which prevents air turbulence in the heating chamber, ensuring consistent temperature within the chamber. Lateral reflectors to conserve temperature and reduce power consumption
- The lower side cover (left and right) have been customized, replacing screws and bolts with side hook suspenders and magnetic lock for an easy removal.
- Option to process tubes up to 178mm [7in] in length with an optional kit
- Optional feature: Piece counter and hours the machine operate for maintenance
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SPECIFICATIONS AND DIMENSIONS

Part NO.

Model 19 Delphi Standard	M21S
Model 19 Delphi Wide	M21W

Electrical

Power Requirements	210-240 VAC, 50/60 Hz, 20Amp, 1Ø
Heating Elements	Standard = 3160W, Wide 3320W

Dimensions cm (in)

Conveyor Belt System	Double-Sided Timing Belts, Pitch - 9.5 mm [0.375 in.]
Belt Speed	Up to 152 cm/min [5 in/min]
Processor Dimensions	Length: 135 cm [53 in] Width: 53 cm [21 in] Height: 45 cm [18 in]
Shipping Dimensions	Length: 147 cm [58 in] Width: 66 cm [26 in] Height: 58 cm [23 in]
Shipping Weight W/Crate	86 Kg [190 lbs]

Temperature

Temperature Control	Partlow temperature controller with a K-type thermocouple embedded in the upper heating element
Operating Temperature	0°C a 600°C maximum

Processing Capacity

Tubing Diameter (Max)	25 mm [1 in]
Tubing Length (Max)	102 mm [4 in]
6 inch resistance	178 mm [7 in]

Optional

6-inch resistance set with accessories M216K17



Conventional conveyor powered or unpowered extension tables to support long heavy harness



Optional
Cooling fan design to cool down processed pieces



PLC for easy maintenance



Wheel table that allows greater unloading area