

Base Design

Voltage Input: 480 VAC, 3-Phase

Total Heat Zones: BASE CONFIGURATION: 480V Single Phase 5) Barrel Zones (30A) with cooling

4) Other Zones (30A) heat only 6) Die Zones (30A) heat only

Melt Pressure: Reading Input with Calibration

Melt Temperature: Reading

Starters: 2 (Oil and Water Pumps)

Die Plugs: 4 Hubbell Receptacles with Disconnects

Capstan Drive: 10 Hp Yaskawa AC Drive with Encoder Feedback
Touch Screen: 15" Color Touch-Screen Mounted on the Door

Options

15HP or 20HP Capstan Drive

Arc-Flash

(Required with 480V/240V systems)

Swing Arm

Tower Lights/Buzzer

Additional Die Plugs
All 240V Zones / 240V Die Zones
480 V Three Phase Barrel
Lasermike input signal

Features

Easy-to-Use Graphical Display of the Process

Remote Connectivity and Support

Recipe Control with Scheduler

Customizable Security Access

Temperature Control:

- Auto-Tune PID
- Extruder Preheat
- Soak Feature
- Broken Probe Alarm
- Open Heater Alarm
- Shorted Solid-State Relay Alarm
- Shorted Solid-State Relay Alarm

Protective Features

- Cold Zone Start Inhibit
- Runaway Heat Warning and Shutdown
 - High Pressure Shutdown

Data Collection (stored in a .CSV file format)

- Process Data
- Alarm Log
- Maintenance Log
- Trending Screen

High-Low Temperature Alarm (Indicated by Text Color and Flag)



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