

Base Design

Voltage Input: 480 VAC, 3-Phase **Total Heat Zones: BASE CONFIGURATION:**

480V Three Phase

5) Barrel Zones (30A) with cooling

480V Single Phase

1) Other Zone (30A)

4) Die Zones

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

Melt Pressure: Reading Input with Calibration

Melt Temperature: Reading

Starters: 2 (Oil and Water Pumps)

4 Hubbell Receptacles with Disconnects Die Plugs: **Auger Drive:** 3 Hp AC Drive with Encoder Feedback

Touch Screen: 15" Color Touch-Screen Mounted on the Door

otions

5HP Drive Upgrade

Arc-Flash (Required with 480V/240V systems)

Tower Lights/Buzzer

2nd Feeder Drive

All 240V Zones / 240V Die Zones All 480V Single Phase System

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

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**

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