



The Global Leader in Thermal Technology

ZERO TURN

Built for Today. Ready for Tomorrow.



Standard Features

- Lead Free Process-Guaranteed
- 350°C Maximum Temperature
- Forced Impingement Convection
- Side-to-Side Gas Recirculation
- Flexible Platform Configuration
- Automatic Width Adjust
- Smart Product Tracking (SMEMA) per lane
- WINCON Control Software
- Electronic Over-Temperature Safety System

Options

- Programmable Heating and Cooling Rates
- Belt and Rail Conveyors
- Fine Mesh Conveyor Belts
- Closed Loop Convection Control
- High Power Heaters (all zones)
- Center Supports
- UL 508A and CE Compliant
- Barcode Reader

Get more out of your SMT line with Pyramax ZeroTurn. BTU's dual chamber design eliminates process change-over time while preserving Pyramax's unmatched process control. Zero turnaround means that high-volume manufacturers with high product mix, have less downtime – enabling higher productivity from the whole line. Our dual chamber design truly isolates the two processes, with independent temperature, belt speed and static pressure convection rate controls. Lead-free and leaded processes can be at temperature, side-by-side, without affecting cross board thermal uniformity in either chamber.



Pyramax™

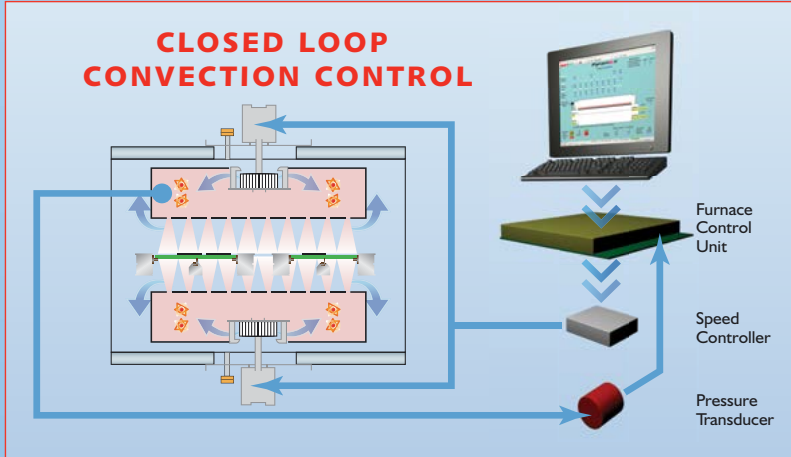
A TRUE DUAL CHAMBER REFLOW OVEN:

- Independent control of belt speed, zone temperature, and convection rate
- Guaranteed process repeatability, system to system, site to site
- Cross-belt uniformity unaffected by process change on neighboring lane
- Process C_{pk} controlled regardless of recipe change in neighboring lane

Specification*

Specification*	Pyramax ZeroTurn
Atmosphere	Air
Conveyor Speed	10-60 in/min / 25-152 cm/min
Conveyor Width (each lane)	2-12.6 in. / 51-320mm
Heated Length	150 in / 3810 mm
Heated Zones (Top/Bottom)	12 top / 12 bottom
Cooling Length	48 in / 1219 mm
Cooling Zones	2 top
Overall System Length	255 in / 6477mm
Overall System Height	58 in / 1475 mm
Overall System Width	73.5 in / 1867 mm
Voltage Range	208-480 VAC

* All specifications are subject to change without notice



BTU's exclusive Closed Loop Convection Control provides maximum flexibility in process control.

- Side-to-side recirculation enhances temperature uniformity
- Guaranteed process repeatability, system to system, site to site
- Unmatched convection efficiency reduces zone temperature setpoints.

Wincon™ the industry's most powerful control system with:

RecipePro
POWERED BY ECP

- Automatic recipe generator
- Reduces oven set-up time
- Exclusive convection rate algorithm

Energy Pilot

- Automatically reduces reflow oven operating costs
- Takes advantage of idle time
- Quick recovery using SMEMA or remote sensor

INDUSTRY 4.0 READY

BTU is ready for Industry 4.0 and offers many solutions today

- SECS/GEM
- OPC Interface
- Custom MES Interface

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