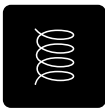




P106-BASIC

Especially designed for small springs, the P106-BASIC offers the quality and reliability you expect in a Pyromaitre Oven, all at an economic price!



Ideal for Small Springs

The P106-BASIC was designed with small springs in mind! It features lower convection to prevent small springs from blowing. While there are no entry or exit curtains, our innovative Dynamic Heat Loss Control System prevents heat loss.



Small, Narrow Footprint

The P106-BASIC conveniently fits in any workspace with its small, narrow footprint. With the controls on top of the oven, its slim design easily fits inline with small spring coilers.



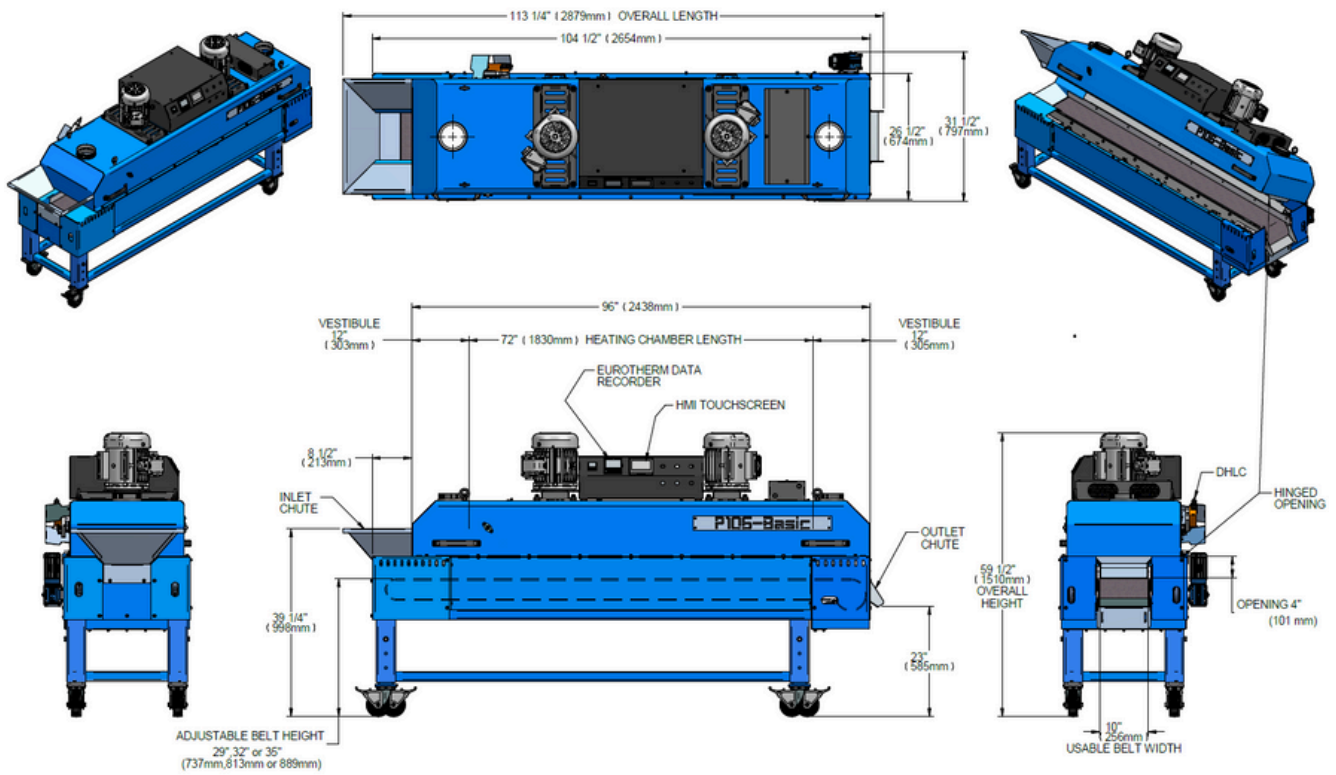
The Quality You Expect

- **User Friendly HMI:** Touchscreen HMI with the latest controls
- **CQI-9 ready**
- **Low Maintenance:** Simple design requires very little maintenance.
- **Lower Position:** the direct shaft driven gearbox mounted on the oven's side allows the oven to sit lower to the ground, ideal for receiving parts.
- **Servo Controlled Conveyor:** allows for a great belt speed variability. Times can be as fast as 1 minute and theoretically unlimited while keeping the gearmotor cool.
- **Reliability:** +/-20F uniformity
- **Warranty & Service:** 3-Year warranty on all parts, 5-Year warranty on tubular heating elements. 24/7 emergency line available.



Economic Price Tag

The P106-BASIC is a "no frills" low cost oven for small springs designed to provide the key stress relieving functions your operation needs, all at ~40% lower price.



P106-BASIC Specifications

Capacity	90 kg/hr @ 310°C (200 lbs/hr @ 590°F) 70 kg/hr @ 370°C (150 lbs/hr @ 700°F) 55 kg/hr @ 420°C (120 lbs/hr @ 790°F) *80% of the theoretical steady state capacity.
Heating Process	150°C to 540°C (300°F to 1000°F)
Overall Dimensions	1170mm wide x 2945mm long (46" wide x 116" long)
Heating Chamber Length	1830mm (72") long
Usable Belt Width	255mm (10") wide
Loading Belt Width	150mm (6") long
Clearance Height	100mm (4") high
Opening	The top of the oven is hinged for an easy opening.
Fans	Two (2) direct drive low maint. blowers
Certifications	Built to meet CQI-9 4th edition, CSA C22-2 # 88 (Industrial ovens and furnaces) and NFPA 86 class B.
Conveyor Drive	Direct drive servo motor

Belt Type	Stainless steel closed weave mesh belt.
Cycle Time	1 minute to 90 Minutes
Heating Power	12kW
Voltage	240V / 3P / 60Hz
Zones	One (1) heating zone with P.I.D. auto tune and high speed SSR power switching.
Temperature Uniformity	±10 °C (±20 °F) at discharge
Part Processing	Inlet and Outlet Chute Included
Controls	Motor starters, pushbuttons & cycle controls mounted in NEMA1 enclosure. A main disconnect switch with door interlock, Nanodac process controller/recorder, Eurotherm high limit instrument, Type J dual thermocouple, USB Port, Ethernet Port, Test Jacks for controller calibration, Type 'D' (other class & instrumentation available upon request.)
Other Features	Lights and buzzer signal the operator if process temperature or cycle time deviates from preset values.