

## Heavy Board Options

Boost throughput for high-density, thermally challenging assemblies in high-volume production environments with the Centurion 1240 reflow soldering solutions.



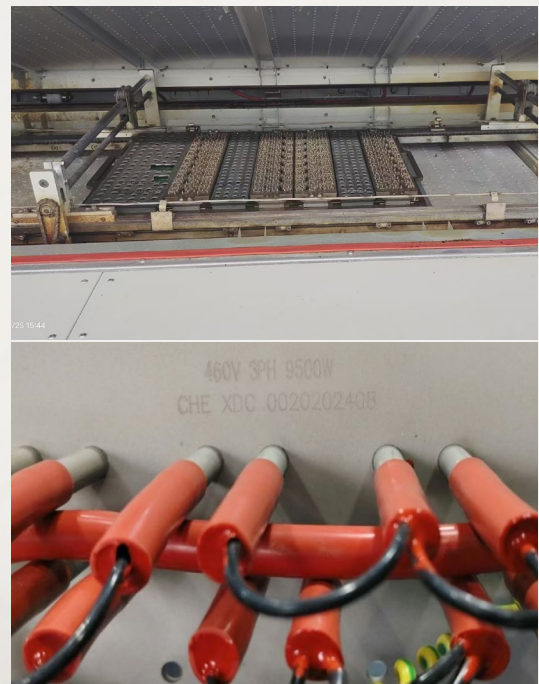
The Centurion 1240 is the industry's most advanced reflow soldering system, offering unmatched thermal performance. Designed for maximum throughput, the CT 1240, paired with a comprehensive range of options, meets the most stringent and demanding industry requirements.

As assemblies grow denser, many reflow suppliers address the challenge by increasing oven length. In contrast, Vitronics Soltec enhances the CT 1240's capabilities for handling heavier boards, boosting throughput without increasing the machine's footprint.

Vitronics Soltec introduces the new Heavy Board options.

### Key Features and Benefits:

- Increase throughput capability of dense/heavy assemblies without increasing length of oven
- Heavy Duty Conveyor: For challenges associated with increase weight requirements, the HD conveyor option increases weight load capability up to 10 kg/m
- Heavy Duty Thermal: For thermal challenging assemblies, the HD Thermal option doubles the heat capacity in each zone
- Extends mean time between failures (MTBF). Minimizes downtime and extend the reliability of your production line.
- To maximize flexibility specific to board designs, each Heavy Board option (HD conveyor & HD thermal) is offered separately
- Available for all CT 1240 conveyor options including pin chain, central board support (CBS), and dual lane configurations
- Both Heavy Duty Conveyor and Heavy Duty Thermal options are designed to be field upgradeable



# Heavy Board Options

Model Number	CT1240
Total zones	16
Heating zones	12
Cool zones	4
Total heating length	4260 mm (167.7 in)
System length (AIR)	6280 mm (247.2 in)
System length (N2)	6990 mm (275.2 in)
System width	1600 mm (62.9 in)
System height	1542 mm (60.7 in)
Max gas temperature setpoint	350°C
Gas temperature control accuracy	± 1°C
Gas thermal uniformity	± 2°C
Max process width	610 mm (24 in)
Max dual lane width	300 mm (11.81 in)
Conveyor speed range	25 - 200 cm/min
Conveyor speed accuracy	± 1%
Carry Capability Weight Load	2 kg/m
Heavy Duty Conveyor	10 kg/m
PPM level of N2 machine	<50 PPM

ITW EAE is a division of Illinois Tool Works, Inc. It is a consolidation of all of its Electronic Assembly Equipment and Thermal Processing Technology. The group includes world-class products from MPM, Camalot, Electrovert, Vitronics Soltec and Despatch.

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## Vitronics Soltec

Soldering Solutions

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