

# Vitronics Soltec

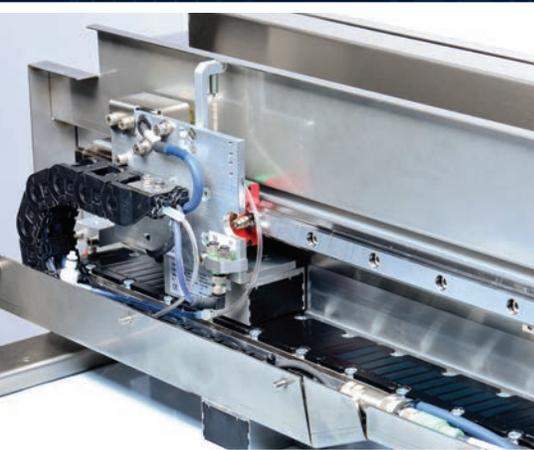
A WORLD OF SOLDERING SOLUTIONS

## Proven Performance

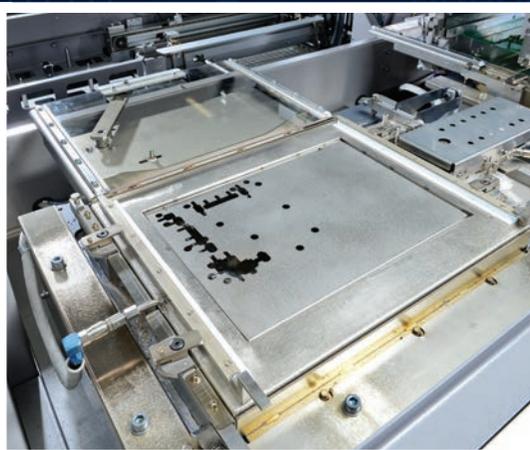


# ZEVA

- High frequency fluxing technology provides the most accurate process to answer the highest quality challenges;
- Patented convection preheating provides the best heat transfer to address the most complex thermal requirements;
- Patented soldering design excels in the challenges of miniaturization;
- Flexible platform is highly customizable and allows on-the-fly changeovers;
- Process control provides maximum insight on day-to-day performance.



High frequency, high speed drop jet fluxing, matching every cycle time and drop size requirement



Sustainable design with optimal inert atmosphere increases your yields while keeping the cost of operation low



Extractable solderpots enable product changes during production and improve ergonomics

The Zeva v brings the next dimension to selective soldering technology. It's what you need today to meet the growing challenges of high yields, cost effective production and process control. Operator and maintenance interventions can be executed during manufacturing. The machine's architecture allows it to accommodate the appropriate setting to match each individual application.

### Key standard features

- High frequency fluxing
- Inline preheat
- Smart teach offline programming
- Automatic width adjustment
- Smema interface
- Advanced solder feeder
- .net base software

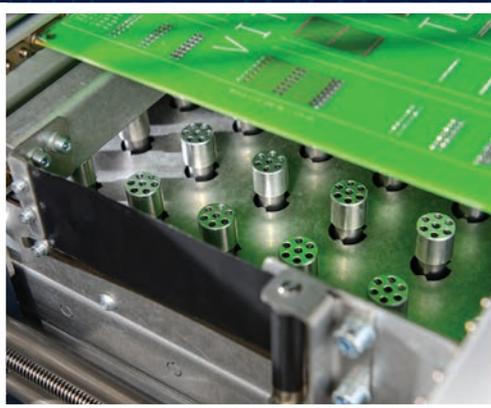
### Key optional features

- Closed loop preheater management
- Board warpage compensation
- Up to three preheat stations
- Up to three multi- or selectwave stations
- Outfeed at infeed side
- Flux guarding
- Topside convection heating
- Dual flux axis

<b>Model</b> <b>ZEVA v</b>	<b>Max PCB or pallet size</b> 310 x 410 mm	<b>Machine size</b> 3080 x 1675 mm	<b>Max. PCB weight</b> 10 kg
<b>Solder pot volume</b> MW 180 kg / SW 45 kg	<b>Max. soldering area</b> 250 x 350 mm		<b>Power supply</b> 3 x 400V 50/60 Hz
<b>N2 consumption</b> 75 L/min	<b>Maximum components height top side</b> 120 mm		



Flux and solder can be added without stopping manufacturing



Up to 5 preheat stations with best in class convection preheating performance



Selectwave capabilities with unique rotating non wettable solder nozzles

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An ITW Company

[www.vitronics-soltec.com](http://www.vitronics-soltec.com)