

where ideas become technology



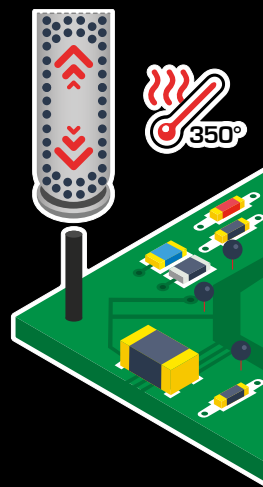
## NEOHOT air riveting



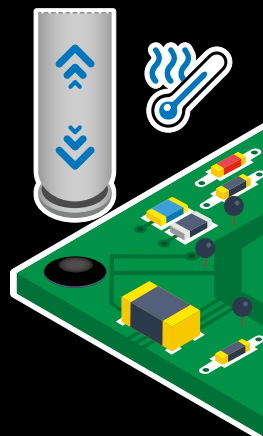
NeoHot Air Riveting Is the ultimate solution for PCB fastening.

Affordable, flexible, smart and sturdy: the perfect solution for your mass production.

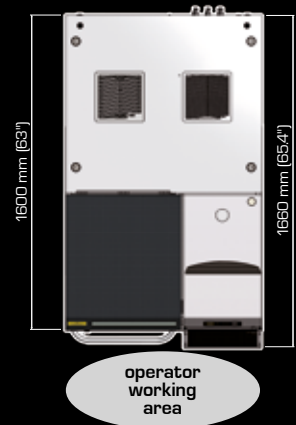
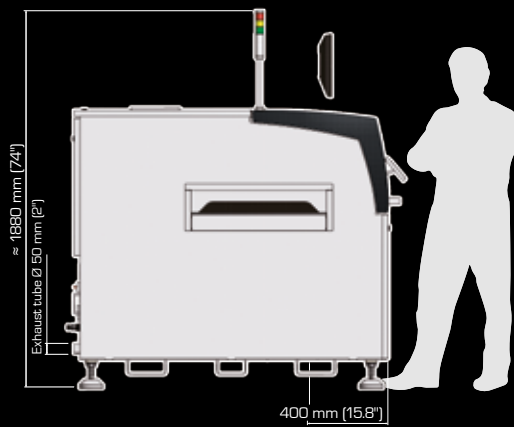
No more screws!



1<sup>st</sup> STEP  
**HEATING**  
The **hot air flow** warms the plastic pin up to **350°**



2<sup>nd</sup> STEP  
**HOT RIVETING**  
The **metal punch** makes the fastening. The result is a **defined** and reable **rivet shape**



### MACHINE CONFIGURATION

Transport (Height)	SMEMA compliant
Max. transport (Width)	480 mm (19") with automatic width adjustment
Interface	SMEMA
Transfer direction	From left to right
Operating side - Fixed rail	Front of the machine

### PANEL DIMENSIONS

Panel (Length)	70 mm to 480 mm (2.8" to 19")
Panel (Width)	50 mm to 480 mm (2" to 19")
Panel (Weight)	Up to 3 kg (6.6 lbs)

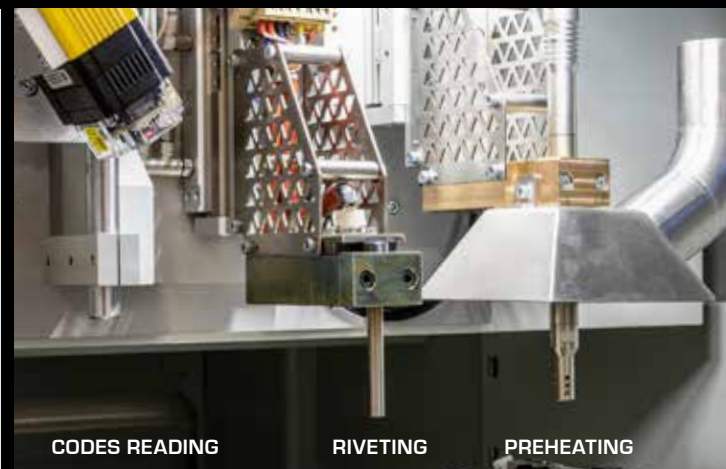
### INSTALLATION REQUIREMENTS

Power supply	CE 230V	ETL 208/240/277/440/480/575V
Power supply system	CE 1P+N+PE - 50/60 Hz, +/-10%	ETL 2Ph+GND 3 Wire - 50/60 Hz, +/-10%
Power consumption	Typical 1,3 kW	
Air pressure	6 bar (87 p.s.i.)	
Average consumption	<10 to 20 NI/min (1,32 to 2,64 gpm)	

### MACHINE DESCRIPTION

Length x Width x Height	1000 mm x 1660 mm x 1880 mm (39.5" x 65.4" x 74.4")
Codes reading	Reading the QRCode on the product
Temperature of the preheating station	350°
Temperature of the riveting station	190°
Axis speed (X - Y)	48 m/min
Axis (Z)	Preheating
Axis (Z)	Riveting
Weight	Approx. 700 kg (1543 lbs)
Color	RAL 9018, RAL 7016
Noise level	< 70 dB

The specifications given in this document represent the state of engineering at the time of publishing. Osai reserves the right to make modifications on the specifications and materials.



CODES READING

RIVETING

PREHEATING