



Jupiter Robotic Resistance Welding Systems

This semi-automatic production system for welding high-quality (automotive) leadframes, (hybrid) power electronics and electrical motors is built on our Jupiter modular platform. AMADA WELD TECH integrated a robot for parts handling. Upon the design of the system, a robot can be chosen to hold, handle and/or manipulate either the parts or the weld head.

When the parts have insufficient accuracy to be presented to the weld electrodes in a controlled position, we offer an automatic vision based, 3-axis parts alignment system as an extra feature.

Specifications Jupiter Robotic Resistance Welding Systems

- > Jupiter base platform for modular systems, available in four different standardized dimensions
- > Robot integrated on the base plate for parts handling
- > Weld process control by means of the Advanced Welding System of the 3rd generation (AWS3)
- > Optional pneumatic or motorized actuated weld heads
- > Heavy duty weld head and transformer for welding electrical highly conductive parts
- > Integrated weld fume extraction
- > Data logging
- > MES communication
- > PLC or PC control

AMADA[®]

AMADA WELD TECH

OUR TECHNOLOGIES



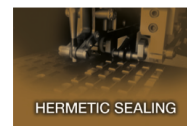
RESISTANCE WELDING



LASER WELDING



LASER MARKING



HERMETIC SEALING



HOT BAR REFLOW
SOLDERING & BONDING



SYSTEMS SOLUTIONS

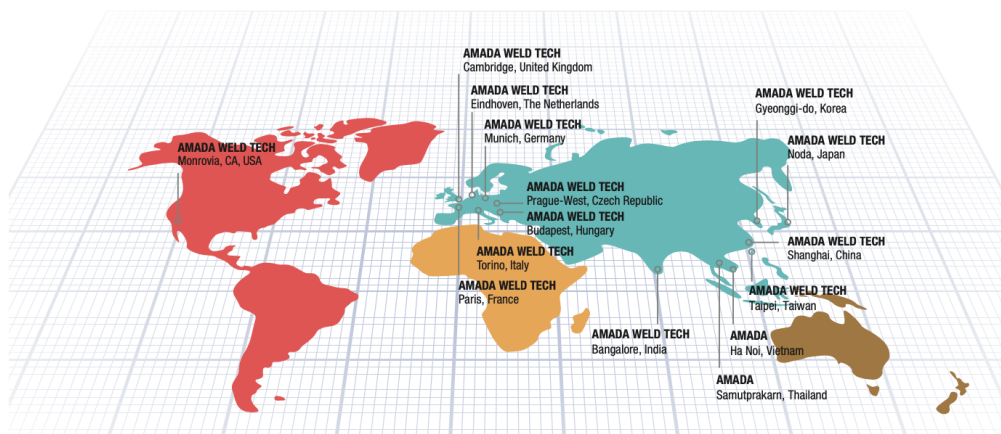


LASER CUTTING



MICRO TIG WELDING

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