

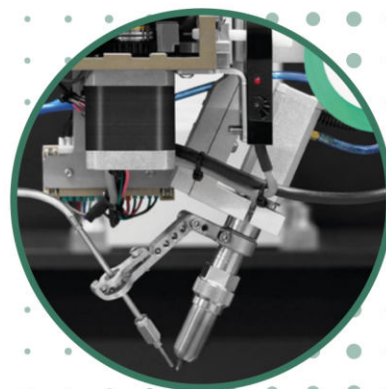


## MANUFACTURER OF POWER SUPPLY SOLUTIONS

The MERAWEX company has been on the market since 1989. Since its foundation, it has been engaged in the development and production of switched-mode power supplies and uninterruptible power supply systems. The company has implemented and applies a certified integrated quality and environmental management system according to ISO 9001/14001:2015.

### WE OFFER:

- comprehensive SMD/SMT assembly service
- technical consulting
- wave soldering
- optical inspection of assembled components
- programming, commissioning and control of assembled devices
- mechanical assembly
- production of housings and other mechanical parts
- manual assembly of THT threaded parts



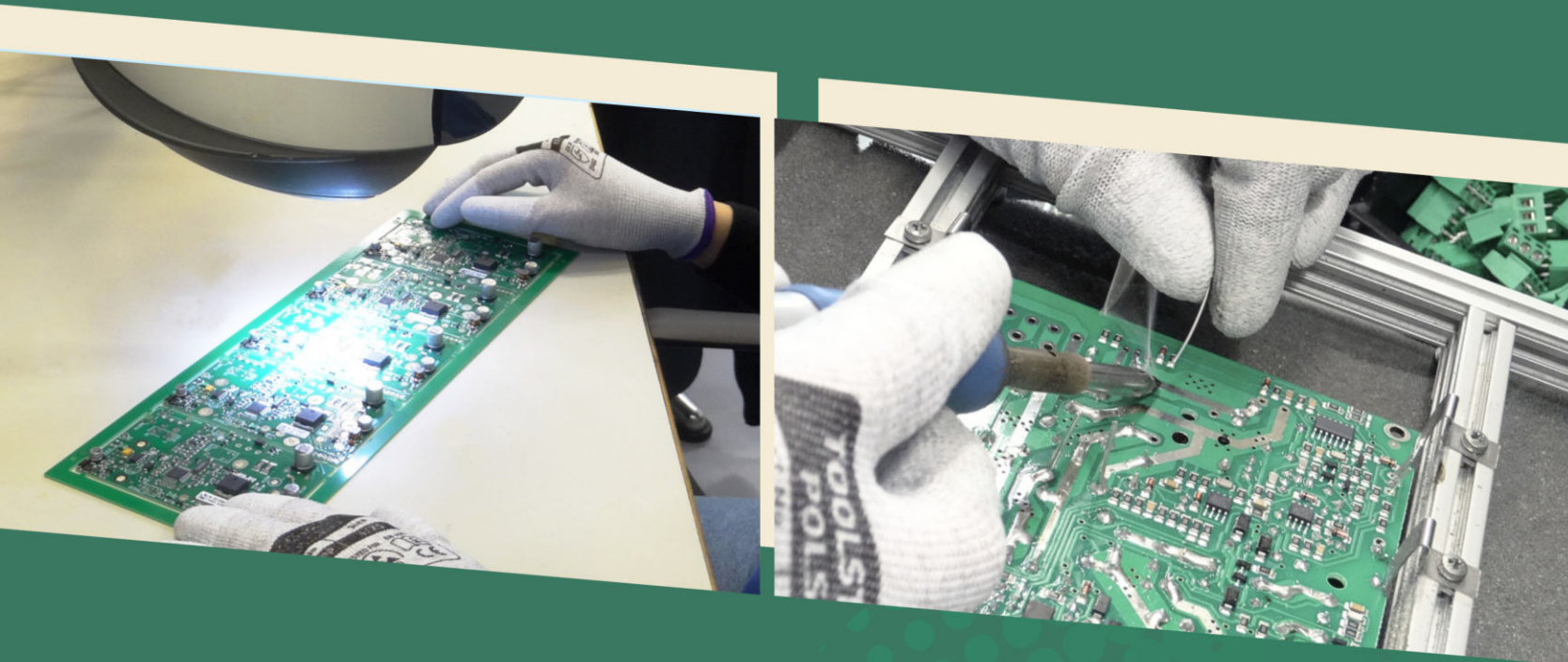
We have a modern and highly efficient SMT assembly line consisting of, among others:

- automatic solder paste printer
- highly efficient automatic assembly machines with 90,000 SMD components/hour according to IPC9850
- 7-zone reflow oven
- 2D and 3D automatic optical inspection (AOI) machine
- X-RAY technology component counting



## SMT ASSEMBLY - LEAD-FREE SINGLE AND DOUBLE-SIDED

- assembly can be carried out with our own or customer-provided components
- possibility of assembling components from 01005
- soldering in reflow oven
- 100% of assembled systems are subject to automatic optical inspection (AOI)
- assembly performed on the automatic assembly line with the possibility to identify the mounted elements (Traceability) and the possibility to generate reports on the assembly of even a single board



## THT ASSEMBLY - ACCORDING TO IPC610 WITH RESPECT TO ESD RULES IN THE ESD ZONE

- manual assembly of THT wired components
- wave soldering
- optical inspection of assembled components
- supplementary assembly of mechanical components
- winding of inductive components
- protective coating
- cleaning in ultrasonic cleaner
- assembly in housing
- selective soldering



## CONTACT

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