

...the broadest narrowband money can buy



## Mounting printed circuit boards

The company's products are best known for their performance and high-quality. The attainment of such peak performance parameters is fully dependant on the components and technology we use in production. To maintain this level of quality RACOM has invested in a complete line for mounting PCBs with **double-sided surface and hybrid assembly in accordance with the RoHS directive.**

Facilities at our special worksite in Blansko for mounting PCBs using SMT technology are also available to external customers.



## Technology and services

- **Soldering paste and glue** is applied by printing through quality metal stencils on a SIGMAPRINT screen printer from SMTECH with a wide range of adjustable and reproducible parameters.
- **Automatic mounting** on the MYDATA mounting machine with more than 190 basic positions for mounting material, high mounting precision, optical guidance, optical centring and a capability of mounting 16000 components per hour.
- **Melting of the soldering paste**, or hardening of the glue, in a HELLER eight- zone hot-air furnace with the possibility of precision adjustment of the melting profile with regard to all materials used – soldering paste, components, glue, PCBs.
- For **soldering** glued SMD components or pin components with lead or lead-free solder two SEHO wave solder machines are available, equipped with a spraying fluxer and double-wave system for reliable soldering of a wide range of components.
- For mounting conventional components and non-standard SMD components the centre is equipped with manual workstations with the necessary manipulators and optics.
- **Additional services offered**
  - Technical-technological consultation
  - PCB manufacture
  - Production of stencils for printing soldering paste or glue
  - Provision of material for production

