



# Contract manufacturing

## Customer information (equipment list)

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### 1. solder paste printing

- 2x DEK Horizon 03i inline solder paste stencil printer
- EKRA E2 semi-automatic solder paste stencil printer
- Solder Paste Softener SPS-1
- Stencil washer N29 ECO

### 2. SMD assembly

- 4x high-speed placement machines -SIPLACE D1 and D1S (components from 0201)
- Manual placement station FRITTSCH

### 3. machine soldering

- Full convection reflow soldering system REHM VX Nitro 3150 Type 634
- Full convection reflow soldering system REHM Compact 1600 / 400
- Wave soldering system (lead-free) SEHO MaxiWave 2340-C-LRT
- Wave soldering system (leaded) SEHO PCS 8140
- Selective soldering system SEHO Power Selective
- Mini wave soldering system (lead free) AAT Aston
- Components Repair Station Fineplacer®Core

### 4. component storage and preparation

- 2x drying ovens VÖTSCH UP12P (HC4033 and VC4018) / (MSL -problem)
- Drying oven VÖTSCH UT12P
- Drying oven VÖTSCH VT4004
- Vacuum packaging machine BOSS type 9000 NE1/46N
- Components counter Country-S
- Various profiling and cutting devices for wired components, including 3x depanelling machines (Maestro 2, Maestro 45, Hektor 2)

### 5. routine test

- Incircuit and function tester Marconi
- Automatic optical inspection system GOEPEL Opticon AdvancedLine 1M
- Various optical inspection systems VISION and TAGARNO
- Various PC-supported function test stations
- High frequency assembly tester/ RF inline tester (function, RF power)
- Flying Probe Tester SPEA 4040

### 6. washing, painting, dipping printed circuit boards, potting.

- Assembly cleaning system Kolb PSB500
- Inline system for selective painting DIMA HC-200
- Manual painting booth
- Automatic dip painting system
- Automatic potting system

## 7. cable assembly

- Various semi-automatic machines for cutting to length, stripping, crimping, termination of cable lugs  
a.o.
  - PHOENIX CONTACT CF3000-2,5 automatic electric crimping machine (stripping + crimping)
  - Automatic electric crimping machine SCHLEUNINGER Strip Crimp 200 (stripping + crimping)
  - Automatic electric cutting machine SCHLEUNINGER Strip 2300 (stripping + length cutting)
  - Automatic electric cutting machine ECO CUT 3300 (stripping + length cutting)
  - Automatic electric cutting machine ECO Strip 9300 (stripping + length cutting)
  - Pull Tester 26 SCHLEUNINGER

## 8. mechanical processing

- Press for pressing in high-pole LP connectors
- CNC machining system Datron M7, M10 Pro (HSC milling)
- Various small machines for turning, drilling, grinding and sawing
- Various hand lever presses, sheet metal bending and punching equipment