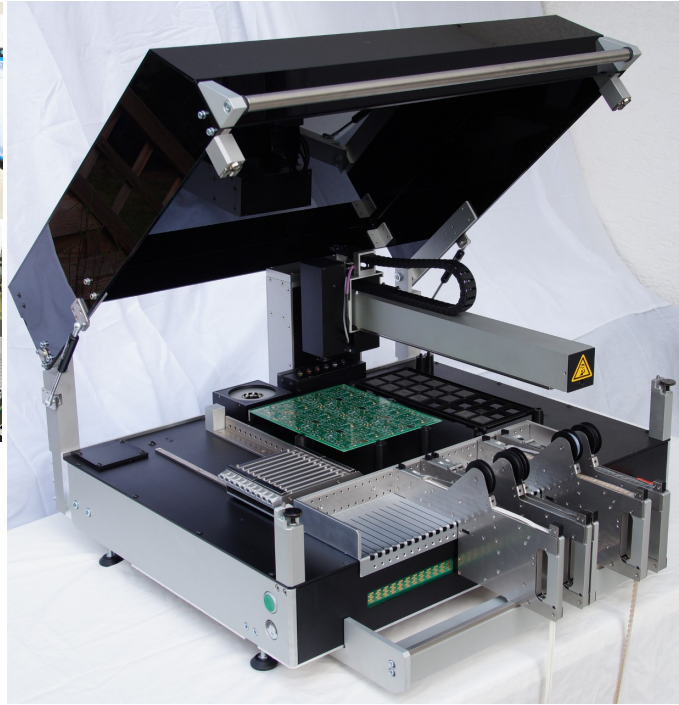
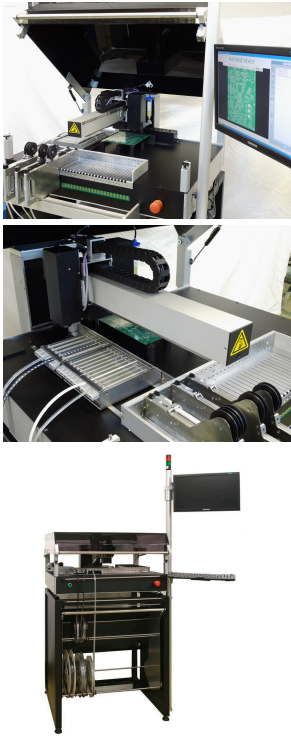


**P30 – precision SMT pick & place machine with
dispensing head**



TECHNICAL DATA

KEY FEATURES

- **PCB**
 - max. placement area 500 x 480mm
- **Components range**
 - from 0201 up to 40 x 80mm
 - min. pitch 0,4mm
- **Components packing**
 - tapes / sticks / trays / bulk comp.
- **Componets centering**
 - optical alignment
- **Placement rate**
 - up to 1200 cph
- **Dispensing rate**
 - up to 7500 dph
- **Feeder capacity**
 - 31 x 8mm automatic tape feeder
 - + 40 x 8mm semi tape feeder
 - 2 x (300 x 200mm) - IC-tray
 - with 200 x 300mm PCB size
- **Resolution**
 - X / Y - axis – 0,008mm – linear encoders
 - Z – axis - 0,020mm – linear encoder
 - Rotation – 0,01° - rotary encoder
- **Placement accuracy**
 - +/- 0,03 mm
- **Dimension and weight**
 - 840 x 630 x 430 mm / ca. 95 kg

- **1 x automatic pick & place head**
- **1 x automatic dispensing head**
- **automatic nozzle changer** 6 tools
- **top camera - system for automatic fiducial**
- **bottom camera - optical alignment system for CSMD components**
- **CAD – editor for creating pick & place programs**
- **Gerber – editor for creating dispensing programs**
- **teach-in mode**
- **image processing system**
- **intelligent feeder system – CAN Bus**
- **operating system: Windows**
- **control panel: PC keyboard / Mouse**
- **user interface - PC and LCD monitor**
- **application range**
 - prototypes and low volume production
 - pick & place of all types of SMD components
- **Supply**
 - 110- 230 V / 50-60 Hz / 1350 W / 0,6 Mpa / 30 l/min