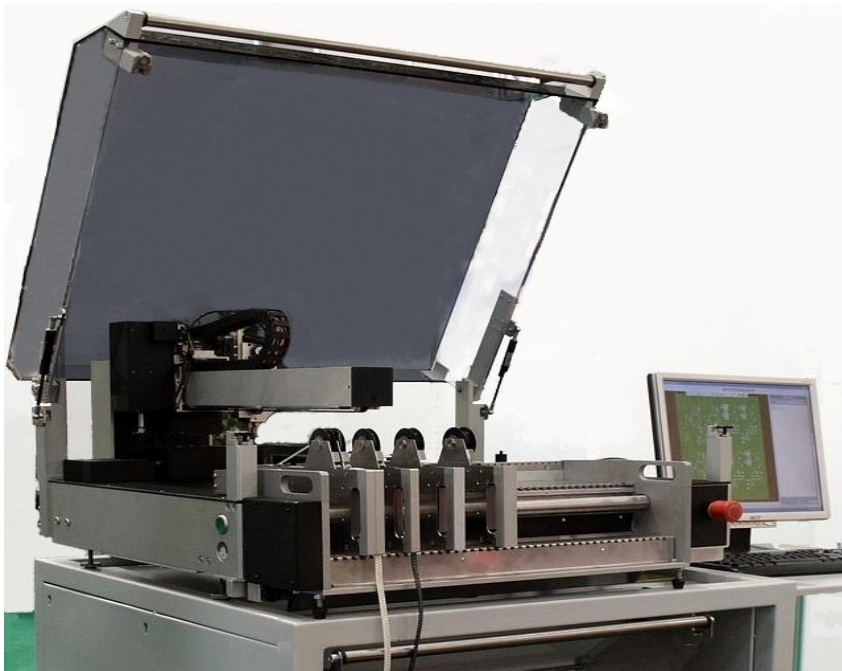


# SMT pick & place system P40



## • TECHNICAL DATA

- **PCB**
  - max. placement area 400 x 500mm
- **Components range**
  - from 0402 up to 30 x 30mm
  - Pitch min. 0,4mm
  - BGA /  $\mu$ BGA
- **Components packing**
  - tapes / sticks / trays
- **Componets centering**
  - non-contact alignment
- **Placement rate**
  - up to 2000 cph
- **Feeder**
  - up to 80 x 8 – automatic tape feeder and
  - 2 x (300 x 200mm) - IC-tray with 200 x 300mm PCB size
- **Resolution**
  - X / Y Axis - 0,008mm
- **Placement accuracy**
  - +/- 0,03 mm
- **Dimensions and weight**
  - 840 x 630 x 430 mm / ca. 95 kg
- **Supply**
  - 230 V - 50 Hz - 350 W / 0,6 Mpa -15 l/min

## • KEY FEATURES

- full vision SMT pick and place machine
- automatic pick & place head
- camerasystem for automatic fiducial
- automatic nozzle changer (6 tools )
- camerasystem for touchless components centering
- CAD – editor for pick & place files
- teach-in mode – electronic manipulator
- image processing system
- intelligent feeder system – CAN Bus
- operating system: Windows XP
- control panel: PC keyboard / Mouse
- user interface - PC and 17" LCD monitor
- **Application range**
  - low and middle volume production
  - pick & place of standard and fine pitch components incl. BGA ,  $\mu$ BGA, CSP, QFN