

P50 - automatic SMT pick & place machine

Stand 08.2025



• **TECHNICAL DATA**

- **PCB**
 - max. 660 x 480mm
- **Components range**
 - from 0201 up to 40 x 80mm
 - min. pitch 0,4mm
- **Components packing**
 - tapes / sticks / trays
- **Components centering**
 - optical alignment system
- **Placement rate**
 - 1 p&p head up to 1800 cph
 - 2 p&p head up to 2800 cph
 - 4 p&p head up to 4500 cph
- **Dispensing rate**
 - up to 8000 dph
- **Smart feeder**
 - up to 120 x 8 – automatic tape feeder
- **Resolution**
 - X / Y - axis – 0,008mm – linear encoder
 - Z – axis – 0,0020mm – linear encoder
 - Theta – 0,01°
- **Placement accuracy**
 - +/- 0,03 mm
- **Dimensions and weight**
 - 1100 x 1300 x 1400 mm / ca. 185 kg
- **Supply**
 - 110-230V / 50-60 Hz / 2150W / 0,6Mpa / 30 l/min

• **KEY FEATURES**

- full vision SMT pick and place machine
- stand alone or inline machine with conveyor and SMEMA interface
- up to 4 automatic pick & place heads
- camera system for automatic fiducial
- automatic nozzle changer (12 tools)
- top camera - system for automatic fiducial
- bottom camera - optical alignment system for
- CAD – editor for creating of p&p programmes
- image processing system
- intelligent feeder system – CAN Bus
- operating system: Windows 7/8
- control panel: PC keyboard / mouse
- user interface - PC and LCD monitor
- application range
 - low and middle volume production
 - pick & place of all types of SMD components