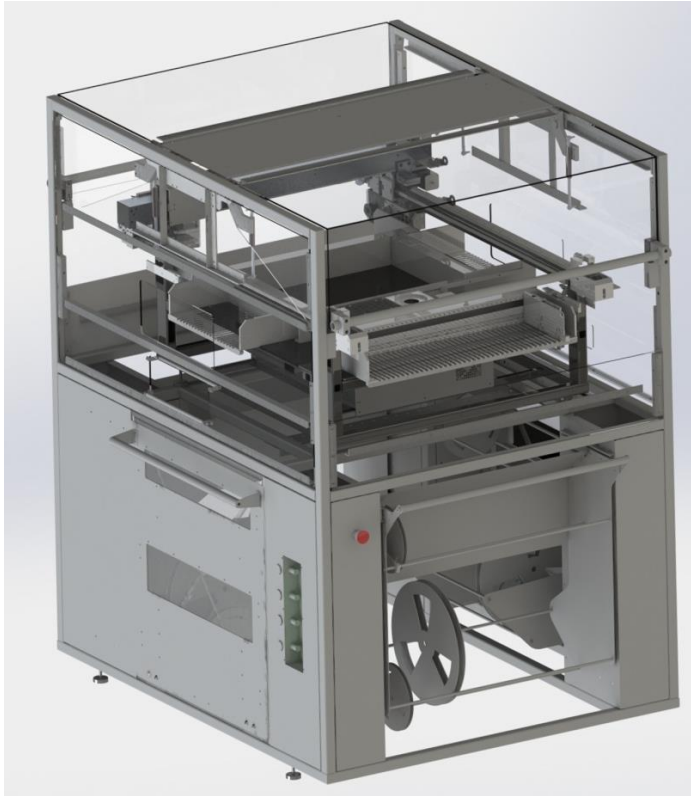


## P50 - automatic SMT pick & place machine



### • 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
- **Componets 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 – liner 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