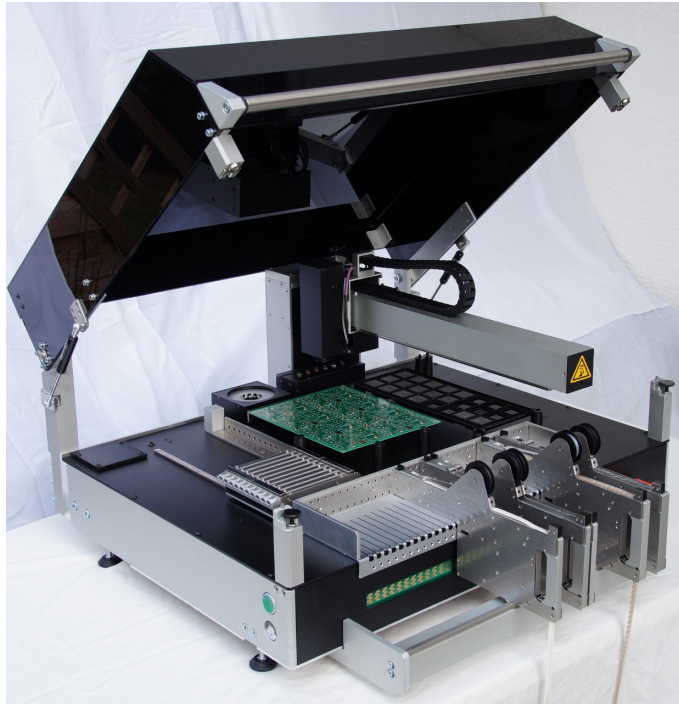


P20 - automatic SMT pick & place machine with optical alignment system



• **TECHNICAL DATA**

- **PCB**
 - max. placement area 540 x 480mm
- **Components range**
 - from 0201 up to 40 x 80mm
 - min. pitch 0,4mm
- **Components packing**
 - tapes / sticks / trays / bulk
- **Components centering**
 - non-contact alignment
- **Placement rate**
 - up to 1600 cph
- **Feeder capacity**
 - up to 33 x 8mm automatic tape feeder and 40X8mm semi tape feeder
 - and 2 x (300 x 200mm) - IC-tray with 200 x 300mm PCB size
- **Resolution**
 - X / Y- axis – 0,008mm – linear encoder
 - Z - axis – 0,020mm – linear encoder
- **Placement accuracy**
 - +/- 0,03 mm
- **Dimension and weight**
 - 840 x 700 x 430 mm / ca. 95 kg
- **Supply**
 - 110-230V /50-60Hz /1150W /6 Mpa / 25 l/min

• **KEY FEATURES**

- automatic SMT pick and place machine
- 1 x automatic pick & place head
- automatic nozzle changer (6 tools)
- top camera - system for automatic fiducial
- bottom camera - optical alignment system for SMD components
- CAD – editor for pick & place files
- teach-in mode
- image processing system
- smart feeder system – CAN Bus
- operating system: Windows 7
- control panel: PC keyboard / mouse
- user interface - PC and LCD monitor
- **application range**
 - prototypes and low volume production
 - qualified for pick & place of all types of SMD components