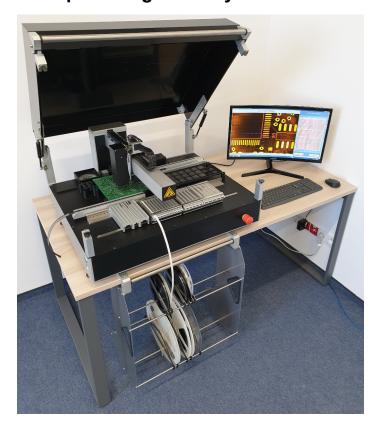
P1 – precision automatic SMT pick & place machine with optical alignment system





TECHNICAL DATA

- PCB
- max. placement area 480 x 540mm
- Components range
- from 0201 up to 40x80mm
- min. pitch min. 0,4mm
- Components packing
- tapes / sticks / trays / bulk
- Componets centering
- optical alignment
- Placement rate
- up to 1200 cph
- Feeder capacity
- up to 80 x 8mm semi automatic tape feeder and
- 2 x (300 x 200mm) IC-tray with 200 x 300mm PCB size
- Resolution
- X / Y Axis 0,008mm linear encoders
 - Z axis 0,0020mm linear encoder
 - Theta 0,01° rotations encoder
- Placement accuracy
- +/- 0,03 mm
- Dimensions and weight
- 840 x 630 x 430 mm / ca. 90 kg
- Supply
- 110-230V/50-60 Hz / 850 W / 6 Mpa -25 l/min

KEY FEATURES

- automatic SMT pick and place machine with optical alignment system
- 1 x automatic pick & place head
- automatic nozzle changer (6 tools)
- top camera system for automatic fiducial
- bottom camera optical alignment for SMD components
- optical inspektion system
- CAD editor for pick & place files
- teach-in mode
- image processing system
- operating system: Windows 10
- control panel: PC keybord / mouse
- · graphical user interface
- · application range
- prototypes and low volume production
- · pick & place of all types of SMD components