



P20 - AUTOMATIC SMT PICK & PLACE MACHINE WITH OPTICAL ALIGNMENT SYSTEM

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
 - User interface - PC and LCD monitor
 - Application range
 - Prototypes and low volume production
 - Qualified for pick & place of all types of SMD components
- Teach-in mode
 - Image processing system
 - Smart feeder system – CAN Bus
 - Operating system: Windows 10
 - Control panel: PC keyboard / mouse

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