

### 1.1. Technical data of the machine

Maximum size of assembled PCBs:	- 320 x 500 mm
Components range:	- from 0402 to 30 x 30 mm
Component pitch:	- up to 0.5 mm
max. number of 8 mm tapes:	- 96
Feeders:	- 8, 12, 16, 24, 32 and 44 mm tape feeders SO4-PLCC84 stick feeders tray feeders
Efficiency:	- up to 2000 components per hour
Component centering:	- automatic, optical (vision, two cameras)
Vacuum nozzle changer:	- automatic, 8 seats, automatic control of the pickup and deposition of a vacuum nozzle
XY resolution:	- 10 $\mu$ m; magnetic scale measurement
Vision system:	- automatic recognition of fiducial points - automatic recognition and ignoring of bad boards,
Component rotation:	- at 0.09 deg increments
Control panel:	- LCD 17" display - keyboard - mouse
Optional accessories:	- program editor (import of data from CAD) - dedicated handles for PCBs and trays
Dimensions (width x depth x height):	- 900x110x1230 mm without feeders and the control panel - 1400x1600x1300 mm when fully operational
Mass:	- 140 kg without feeders
Voltage supply:	- 230 V, 50 HZ, 500 W
Compressed air:	- 0.6 MPa, 10 l/min
Operating conditions:	- 18 to 25°C, humidity 50 to 70%