


SMALLSMT

Wenzhou SMALL Technology co. Ltd

PANDA BASIC



SMALLSMT
YOUR SOURCE FOR SURFACE MOUNTED TECHNOLOGIES

- Z 20mm
- V3 Controller
- Ethernet
- CAN
- UPDATE Firmware Software
- HQ Parts used
- Service friendly
- Industrial PC inside
- High Precision
- HD Cameras
- Feed Back Alignment
- BGA Alignment Modes
- Fly-By Alignment
- Z-Axis Sensor
- 6 Slot Nozzle-Changer
- AC Servo 0.01mm Resolution
- Auto Calibration Functions
- Up to 22 CL Feeder
- 72 Push Feeder
- one Vibration Feeder
- Tray Feeder

2 Heads 42x8, 19x12mm
2000-3500 cp/h 9x16, 2x24mm

PROFESSIONAL PICK AND PLACE MACHINE PROVIDER



V1.0
26.10.2023

www.smallsmt.biz

Parts delivered

Full working machine including:

push feeder, pcb holder, vision system 3 cameras, USB video digitizer, Ethernet cable, small spare parts, machine calibration on DVD, manuals and software setup need to get downloaded from website.

Optional:

Nozzles, Tray, Bottom camera upgrade to 30x30mm, strip feeder

Product parameter

Model	SMALLSMT PANDA BASIC
Mounting area	320x320mm
XY moving range	430x510mm
Z moving range	20mm
Number of heads	2
Resolution XY, Z, A	0.01mm, 0.01mm, 0.0125° placement pitch >=0.65mm
Motor type	High torque stepper on X/Y-axis
Positioning mechanics	Belt system
Machine guide lines	HIWIN linear guide lines
Positioning system	Stepper motors
Placement speed with vision	2000 to 3500cph
Nozzle changer	6 slot
Nozzle type	Samsung CP45 NEO
Vision system	1 top and 2 bottom 640x480 CCD cameras using different optics
Alignment modes	area centering and vision model based assistance
Placement range	0402 to 24x24mm optional 30x30mm
Feeder types	Push feeder, strip feeder, trays
Push Feeder count West	28x 8mm lines
Push Feeder count East	7x 8mm, 9x 12mm, 4x 16mm, 1x 24mm lines
Push Feeder count North	7x 8mm, 10x 12mm, 5x 16mm, 1x 24mm lines
JEDEC Tray	1x Jedec tray holder included
Machine dimensions	975*836*370mm
Machine weight	73kg
Shipping weight	115kg
Shipping size	1110*830*620mm
Power supply	AC 230V / 110V
Air supply	External oil and water free 110L/min at 6Bar Integrated 3 pressure regulator for push feeder, vacuum generator
Warranty	12 Months parts exchange including shipping fee excluding consumables like nozzles and belts. Customer need to exchange parts on machine.

For detailed pictures and videos please visit our website.