SMALLSMT

Wenzhou SMALL Technology co. ltd

VP-2500HP

PROFESSIONAL PICK AND PLACE MACHINE PROVIDER

www.smallsmt.biz

Parts delivered

Full working machine including:

push feeder, pcb holder, vision system 3 cameras, USB video digitizer, USB to serial converter,
small spare parts, 2 pcs spare stepper controller, machine calibration on DVD, manuals and software setup
need to get downloaded from website, big IC tray.

Optional:

Nozzles, vibration feeder, Bottom camera upgrade to 30x30mm, strip feeder, East push feeder

Product parameter

Model	VP-2500HP
Mounting area	250x320mm
XY moving range	415x370mm
Z moving range	20mm
Number of heads	2
Resolution XY, Z, A	0.025mm, 0.025mm, 0.0125° placement pitch >=0.45mm
Motor type	AC Servo 400W / 600W
Positioning mechanics	Ballscrew system HIWIN 0,03mm precision over 300mm travel
Machine guide lines	HIWIN linear guide lines
Positioning system	Closed loop encoder coupled to ballscrew spindle
Placement speed with vision	2000 to 4500cph
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	0201 to 24x24mm optional 30x30mm
Feeder types	Push feeder, vibration feeder, strip feeder, trays
CL Feeder slots	not availiable
Push feeder count	24x 8mm W, 25x 8mm N, optional 24x8mm E up to 73 included
Vibration feeder	Optional 1x vibration feeder using each 7x SO-8 tubes width
JEDEC Tray	1x Jedec tray holder included
Dispenser Option	Optional
Machine dimensions	1050x880x450mm
Machine weight	77kg
Shipping weight	121kg
Shipping size	1110x1050x600mm
Power supply	AC 230V / 110V
Air supply	External oil and water free 110L/min at 6Bar
	Integrated 2 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.