

VP-2500HP-CI32



PROFESSIONAL PICK AND PLACE MACHINE



## 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, CL feeder cassettes, Bottom camera upgrade to 30x30mm, strip feeder

## Product parameter

<b>Model</b>	VP-2500HP-CL32
<b>Mounting area</b>	300x500mm
<b>XY moving range</b>	460x660mm
<b>Z moving range</b>	22mm
<b>Number of heads</b>	2
<b>Resolution XY, Z, A</b>	0.025mm, 0.025mm, 0.0125° placement pitch $\geq 0.45$ mm
<b>Motor type</b>	AC Servo Leetro 400W / 600W
<b>Positioning mechanics</b>	Ballscrew system HIWIN 0,03mm precision over 300mm travel
<b>Machine guide lines</b>	HIWIN linear guide lines
<b>Positioning system</b>	Closed loop encoder coupled to ballscrew spindle
<b>Placement speed with vision</b>	2000 to 4500cph
<b>Nozzle changer</b>	6 slot
<b>Nozzle type</b>	Samsung CP45 NEO
<b>Vision system</b>	1 top and 2 bottom 640x480 CCD cameras using different optics
<b>Alignment modes</b>	area centering and vision model based assistance
<b>Placement range</b>	0201 to 24x24mm optional 30x30mm
<b>Feeder types</b>	Push feeder, CL feeder, vibration feeder, strip feeder, trays
<b>CL Feeder slots</b>	32x 8mm cassettes slots
<b>Push feeder count</b>	19x 8mm lines + 21x 8mm lines total 40 included
<b>Vibration feeder</b>	Optional 4x vibration feeder using each 7x SO-8 tubes width
<b>JEDEC Tray</b>	1x Jedec tray holder included
<b>Dispenser Option</b>	Optional
<b>Machine dimensions</b>	960x1132x520mm
<b>Machine weight</b>	165kg
<b>Shipping weight</b>	215kg
<b>Shipping size</b>	1060*1320*730mm
<b>Power supply</b>	AC 230V / 110V
<b>Air supply</b>	External oil and water free 110L/min at 6Bar Integrated 3 pressure regulator for push feeder, vacuum generator and CL feeder bank
<b>Warranty</b>	12 Months parts exchange including shipping fee excluding consumables like nozzles and belts. Customer need to exchange parts on machine.