

**VP-2800HP-CL22-2H**



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

## Product parameter

<b>Model</b>	VP-2800HP-CL22-2H
<b>Mounting area</b>	310x420mm
<b>XY moving range</b>	415x520mm
<b>Z moving range</b>	20mm
<b>Number of heads</b>	2
<b>Resolution XY, Z, A</b>	0.025mm, 0.025mm, 0.0125° (360°) placement pitch >=0.45mm
<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, vibration feeder, strip feeder, trays
<b>CL Feeder slots</b>	22x 8mm cassette slots
<b>Push feeder count</b>	35x 8mm East, 16x 8mm North optional up to 51 included
<b>Vibration feeder</b>	Optional 1x 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>	1000x1020x400mm
<b>Machine weight</b>	83kg
<b>Shipping weight</b>	121Kg
<b>Shipping size</b>	1130x1090x590mm
<b>Power supply</b>	AC 230V / 110V
<b>Air supply</b>	External oil and water free 110L/min at 6Bar Integrated 2 pressure regulator for push feeder, vacuum generator
<b>Warranty</b>	12 Months parts exchange including shipping fee excluding consumables like nozzles and belts. Customer need to exchange parts on machine.

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