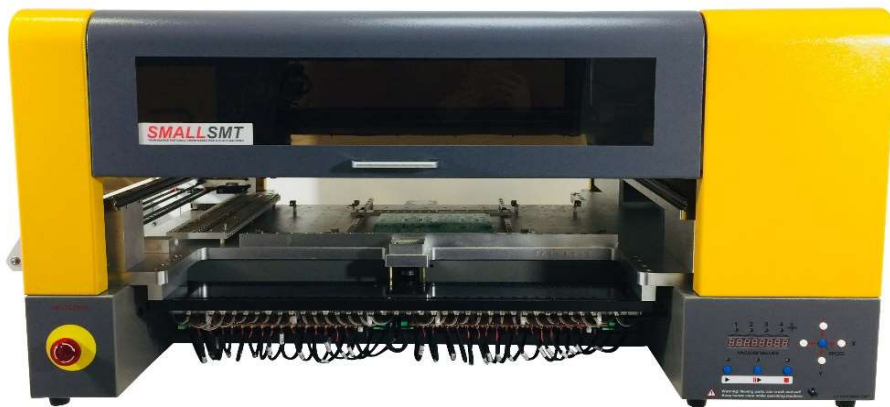


# SMALLSMT

Wenzhou SMALL Technology co. Ltd

## VP-2800HP-CL64-4H



PROFESSIONAL PICK AND PLACE MACHINE PROVIDER



[www.smallsmt.biz](http://www.smallsmt.biz)

V1.4  
10.10.2021

## 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 Conveyour option

## Product parameter

<b>Model</b>	VP-2800HP-CL64-4H
<b>Mounting area</b>	350x300mm maximum 600x400mm (using custom PCB holder)
<b>XY moving range</b>	665x655mm
<b>Z moving range</b>	32mm (2021 model) , Z-axis sensor tip included
<b>Number of heads</b>	4
<b>Resolution XY, Z, A</b>	0.025mm, 0.025mm, 0.0125° (360°) placement pitch $\geq 0.45$ mm
<b>Motor type</b>	AC Servo Leetro 400W / 1000W
<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>	not possible
<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, closed loop
<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>	2x 32x 8mm cassettes slots South / North total 64 CL feeder slots
<b>Push feeder count</b>	35x 8mm lines
<b>Vibration feeder</b>	Optional 4x vibration feeder using each 7x SO-8 tubes width
<b>JEDEC Tray</b>	2x Jedec tray holder included
<b>Dispenser Option</b>	not possible
<b>Machine dimensions</b>	1300x1100x570mm
<b>Machine weight</b>	185kg
<b>Shipping weight</b>	235kg
<b>Shipping size</b>	1380*1190*750mm
<b>PCB Transport</b>	Optional 3 Zone conveyour including 2 side SMEMA interface
<b>Power supply</b>	AC 230V
<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.

For detailed pictures and videos please visit our website.