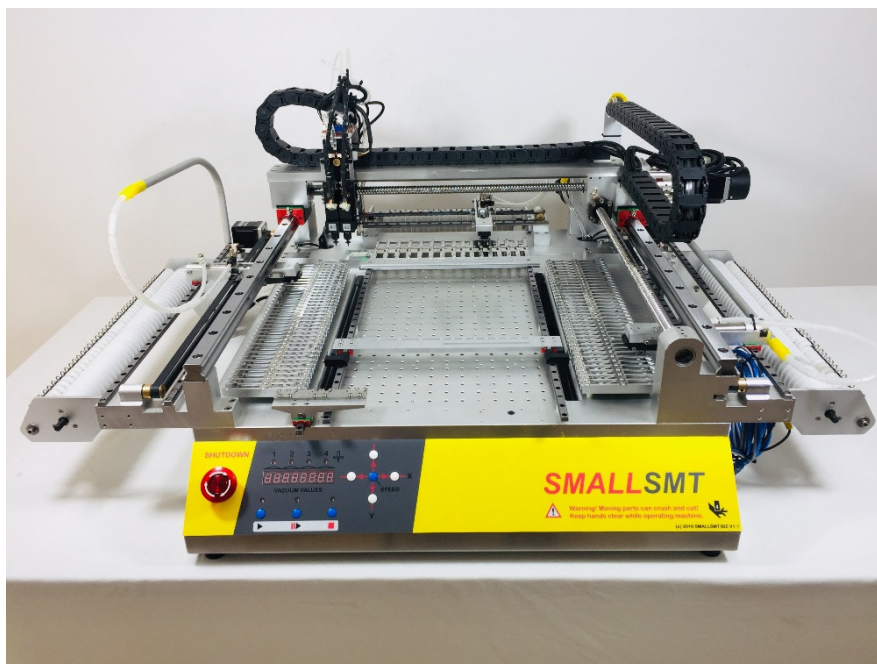


# SMALLSMT

Wenzhou SMALL Technology co. Ltd

## VP-2800HP



PROFESSIONAL PICK AND PLACE MACHINE PROVIDER



V1.3  
28.04.2019

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

Company registration number: 91330381MA285PEJ8R, Address: 202 B,Nan Bingjiang Building, Xinfeng Village, Feiyun Town, Rui'an City, Wenzhou City, Zhejiang Province, China 365207

## 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
<b>Mounting area</b>	250x370mm
<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° placement pitch $\geq 0.45$ mm
<b>Motor type</b>	AC Servo 400W / 600W LEETRO
<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>	not available
<b>Push feeder count</b>	34x 8mm W, 25x 8mm N, optional 34x8mm E up to 93 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>	1050x880x450mm
<b>Machine weight</b>	83kg
<b>Shipping weight</b>	151Kg
<b>Shipping size</b>	1110x1050x600mm
<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.

For detailed pictures and videos please visit our website.