



### Product Introduction

Zb4050 mounting machine adopted built-in WIN7 system industrial control computer, eight sets of high-resolution CCD industrial camera vision correction system, online 6-head synchronous calibration production placement. The transmission mechanism is equipped with Panasonic high-resolution servo drive and motor, silver linear guide, and TBI ball screw to maintain long-term high-precision and stable placement. 64 PCS of YAMAHA pneumatic feeder station, support CSV coordinate file import and editing, maximum 500\*400mm PCB placement. It is suitable for high-precision placement of conventional resistance, LED lamp beads, IC, BGA and other components, suitable for automated mass production.

### Product Characters



Original Component Information Library Function



Panasonic Servo System



Grinding Screw



HIWIN Linear Guide



5 Million High Precision Recognition Camera



Three-Section Rail



Vacuum Generator



Six-Head Synchronous Identification Placement

### Specification

Model	ZB4050LS	ZB4050LY
Mounting Numbers	6PCS	
Mounting Precision	0.025mm	
Mounding Angle	0~360°	
Mounting Speed	11000	
Suction Nozzle Type	Juki Series Nozzle	
Applicable Element	RC(0402、0603、0805、1206 etc)	
	LED Lamp Beads(0603、0805、3014、5050 etc)	
	Chip(SOT、SOP、QFN、BGA etc) Max. 45×45mm , Pin Spacing is Greater Than 0.3mm	
SMD Height	≤6mm(Customize ≤11mm)	
PCB Minimal Size	45×45mm	
PCB Maximum Size	500×400mm	
PCB Thickness	≤2mm	
PCB IN	Three Segment Automatic Transmission	
PCB OUT	L→R	
Signal Transmission	Standard SMEMA Connector	
Feeder Type	YAMAHA CL Feeder、Electric feeder	
Feeder	8mm、12mm、16mm、24mm、32mm	
Feeder Locations	64PCS	
Electric Feeder	3PCS	
Tubular Materials Feeder	YAMAHA YV Feeder	
IC Tray	2PCS	
Drive Method	Single Arm Direct Connection	
Drive Navigation	Ball Screw+Linear Guide	Grinding Screw+Linear Guide
Drive Motor	Panasonic A6 Servo Motor	
XY Axis Move Range	639×656 mm	
Z Axis Rotate Angel	0~360°	
Visual Camera	CCD High-Definition Camera	
Visual Camera QTY	PCB Camera×1、 Precision Identification Camera×1、 High Speed Identification Camera×6	
Recognition Capability	MAX.45×45mm	
PC System	Microsoft WIN7	
Operating Software	FlyerSMTii	
Compatible File Format	CSV.Format	
Program Method	Support Online and Offline Ways	
Vacuum Mode	Vacuum Generator	
Air Pressure	-80kpa	
Power	350W	
Power Supply	AC220V±10% 50Hz	
Outline Size	L1335×W1200×H1390mm	
Net Weight	440kg	