

# A new generation of exquisitely efficient

## Small double head placement machine

◎ **4000** Pcs/h  
speed

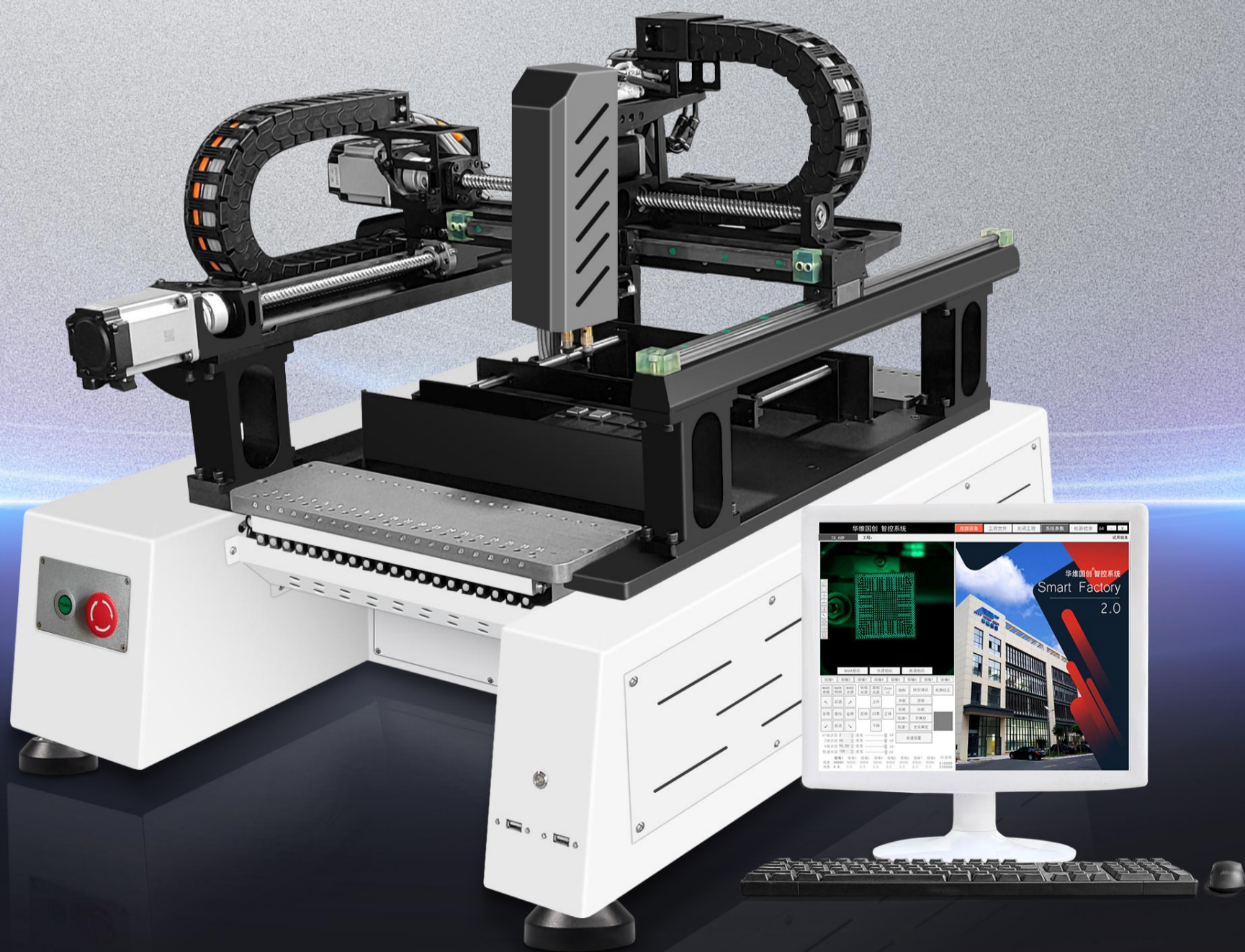
◎ **≤0.01** mm  
precision

◎ **40** 位  
Feeder

◎ **>24** H  
Continuous working hours



To meet your needs in different scenarios,  
R & D/teaching/scientific research/small batch production



Let developers do research and development at ease, so that producers can easily do production

## Product characteristics

### High precision

Mounting accuracy 0.05mm, repeated mounting accuracy 0.05mm, positioning accuracy 0.01mm, Equipped with the same software as the mainframe, Mount accuracy, repeat mount accuracy, positioning accuracy, and the same software control system as the mainframe, buy more value with less money.

### 低能耗

Small body, more power saving, energy consumption per hour is only 800W.

### 高效率

Small but capable, 24H non-stop work, the fastest speed up to 4000PCS/H.

### 五脏俱

Independent computer control system, two mounting heads, two cameras, servo motor, high precision screw, guide rail transmission, equipped with 40 material stations,

### 广范围

Components size all eat, Minimum to 0201, maximum patch range 30mm\*30mm, Acceptable visual customization of irregular components, The most cost-effective placement machine equipment

## Technical parameter

product model	HW-T2-40F				
Patch accuracy	0.05mm		Repeat loading accuracy	0.05mm	
positioning accuracy	0.01mm		Continuous working hours	Can work continuously > 24H without shutdown	
Patch speed	2500-4000pcs/h				
Patch area	320*230mm--50*50mm		Scope of patch	0201,0402,0603,0805,1206, LED beads, diode, triode, SOT, 30 * 30mm, pin spacing greater than 0.3mm GFP, BGA, etc., acceptable visual customization of alien components	
Pending head system	The number of suction mouth	2	feed system	Quantity of feeder	40 bits (subject to 8mm fly up)
	The nozzle type	JUKI RUI is applicable		Types of feeder	Electric feida, pneumatic feida, vibration feida, IC tray, etc
	Component Angle Support	±180°		Feida type	Applicable to the YAMAHACL series feida
	Available element height	≤7mm		Number of IC disk	2 plates (20 bits)
	Take the same way	Single head take put		IC disk size	L130*W55mm
	Vacuum buffer range	4.5mm		Pending method	Automatically optimize the item order to install the items as prompted
	Maximum trip on the Z axis	22mm		Method of feeding	Automatic feeding
PCB board bearing system	Baseline thickness	≤3mm	gas supply system	Vacuum source	Vacuum generator (high speed break with vacuum damage)
	Orbital regulation	manual regulation		Vacuum mechanism	High-speed, high-flow vacuum generator for active destruction
	Change plate mode	Manual upper and lower panels		bleed pressure	0.4-0.5mp
	Bearing structure	Customized, industrial-grade, high-precision aluminum alloy structure		Gas source requirements	No less than 50L external connection, dust filtration, air pressure stabilization device and oil and water separation device are required
kinetic control system	operating system	Based on the windows system, we have independently developed the Huawei International Innovation intelligent operating system		Identify equipment	1 Mark camera and 1 high-precision camera
	Control the host	Intel high-performance processor industrial control host		indicator	A 17-inch industrial control display
	driving system	High-speed DSP drive, an AC servo motor		How to take photos	Fixed shot flight pair center
	security system	Emergency rotary stop button		RM	Routine element identification and alien element feature identification
	XY maximum stroke	320mm*527mm		Mark point identification	Manual / fully automatic positioning
	XY drives the track	Linear guide rail + rolling wire rod		security detection	Leakage material automatic correction, component Angle automatic correction, invalid material automatically thrown
	XY motor pattern	Intelligent curve acceleration and deceleration linear linkage, with straight line insertion algorithm		Programming method	Import the coordinate file, one-key automatic programming, the optimal path planning
	Exercise protection	High wear-resistant tank chain and flexible cable		Compatible file format	The CSV / TXT file format can be imported directly
Circuit protection	Leakage protector, thermosetting shell, insoluble not melt; excellent interface, no cracking, leakage prevention		power	AC 220V 50/60Hz 1500W	
outline dimension	(Before packaging) L670 * W848 * H655mm (After packaging) L770 * W950 * H750mm		weight of equipment	(Before packaging) 76kg (after packaging) 96kg	