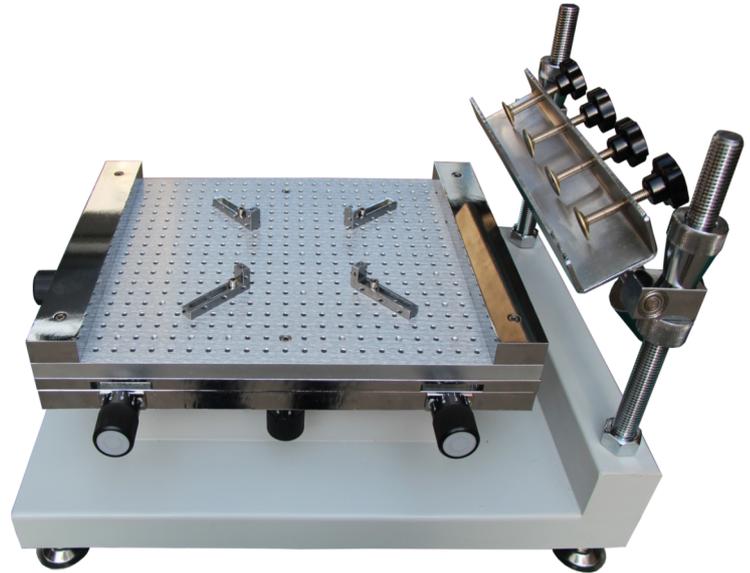
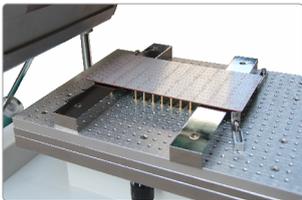


## Product Introduction

KPH high precision stencil printer is mainly designed for the requirement of the single or double-side PCB soldering paste and red glue printing, the working platform is processed by cellular positional hole with high-quality aluminum and the pedestal is soldered by thick steel plate, steadiness and durability.



**KPH3040H** High Precision Printer

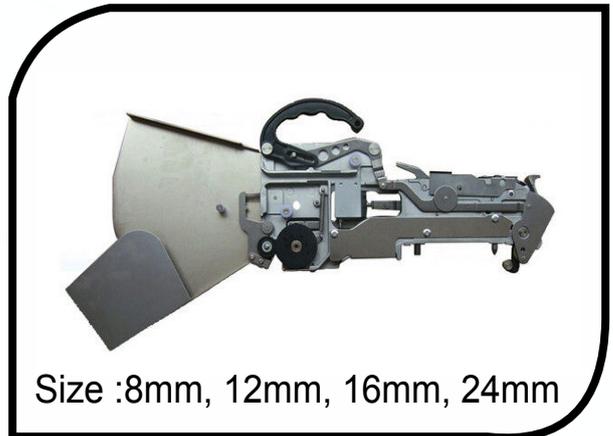


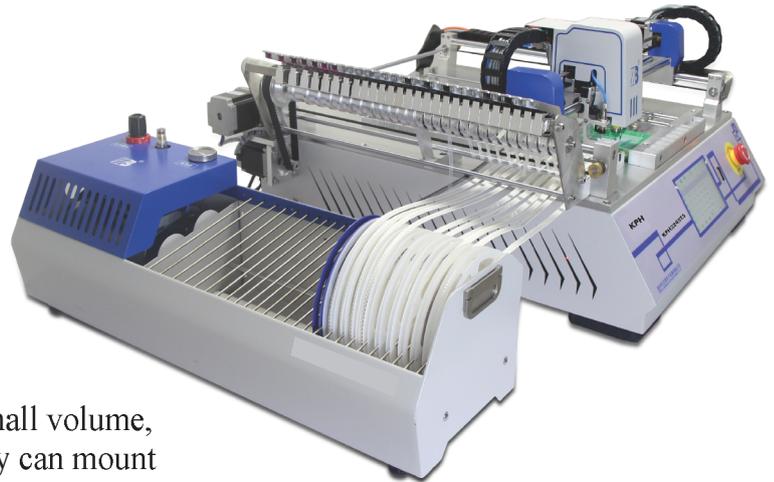
Flexible positioning Fast and strong Precision fine-tuning Height adjustable

## Specification

<b>Model</b>	<b>KPH3040H</b>	Size of workbench	<b>300×400mm</b>
Max. printing size	<b>250×400mm</b>	Max stencil size	<b>370×470mm</b>
Printing speed	<b>Manual control</b>	Thickness of printing matter	<b>0-80mm</b>
<b>Vertical and horizontal adjustment volume of workbench</b>	<b>10mm</b>	Height of printing platform	<b>220mm</b>
Repeatability precision	<b>±0.01mm</b>	Location mode	<b>Shape or benchmark hole</b>
Outline size(W×D×H)	<b>540×370×380mm</b>	Weight	<b>23kg</b>

# Manufacturing & Testing Facility Of Our Pick & Place Machine

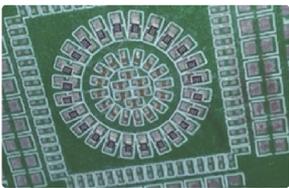




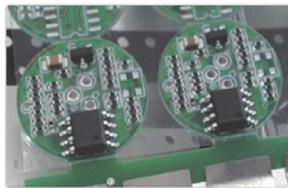
## Product Introduction

KPH series placement machine main features: Small volume, easy operate, run stable and price affordable. They can mount 0402, 0603, 0805, 1206, 1210, 3528, 5050, SOP and QFN etc chips precise. These machines can help to avoid the unstable performance because of manual mounting and reduce the rent cost, improve the product capacity at the same time.

## Placement Effect



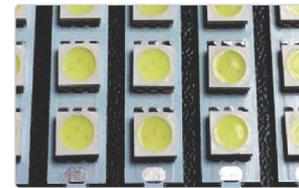
Each angle mounting effect



Mix mounting of 0402 IC. Audion



Mix mounting effect of reflow oven



The effect of reflow oven of 5050 LED lamp

## Specification

Model	KPH3545T	Preposition IC material level	8pcs
Mounting numbers	2pcs	Tubular materials feeder	ZhengBang dedicated Five tubular materials feeder one (optional)
Mounting precision	0.025mm	X/Y axis moving range	410×490 mm
Mounding angle	0~360°	Z axis moving range	10 mm
Theoretical speed	6500pcs/h	Z axis rotation angle	0~360°
Normal SMT	5000pcs/h	Operational software	Embedded HRM system
Nozzle type	Juki series nozzle	Compatible file format	CSV、TXT.format
Applicable element	RC(0402?0603?0805?1206 etc)	Program method	Researching and development independently
	LED Lamp beads (0603、0805、3014、5050 etc)	Air pressure	0.4 Mpa(the built-in pump)
	Chip(SOT?SOP?QFN?BGA etc)	Vacuity degree	-92kpa
PCB minimal size	10×10 mm	Storage	8G(Kingston SD card)
PCB maximum size	320×450 mm	Power	150 W
PCB thickness	=2mm	Power supply	AC220V±10% 50Hz
PCB warping allowable value	<1mm	Main engine outline size	L 800 × W 780 × H 380 mm
	8mm	Materials feeder outline size	L 235 × W 700 × H 245 mm
12mm	20pcs	Net weight	56kg
16mm	4pcs	Gross weight	83kg
24mm	2pcs	Outline package size	1160*845*532mm
	1pc		

## Product Introduction

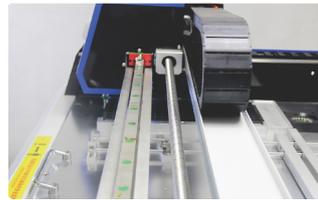
KPH series placement machine main features: Small volume, easy operate, run stable and price affordable. They can mount 0402, 0603, 0805, 1206, 1210, 3528, 5050, SOP and QFN etc chips precise. These machines can help to avoid the unstable performance because of manual mounting and reduce the rent cost, improve the product capacity at the same time.



## Product Characters



Principle axis collocate taiwan silvering straight slide rail that improve the precision and mechanical capacity.



Configuration with servo system to meet high precision positioning and running smooth at low speed.



With CCD Industrial camera which correct the offset of pick up material and prove the performance of mounting



4 heads design, mounting micro and integrated IC components quickly.

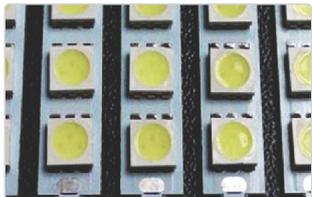
## Specification

Model	KPH 3545TS	IC tray	Postposition 1 pc tray
Mounting numbers	4PCS	X/Y axis moving range	630×540 mm
Mounting precision	0.025mm	Z axis moving range	12 mm
Mounding angle	0~360°	Z axis rotation angle	0~360°
Theoretical speed	7000pcs/h	Visual system	Researching and development independently
Normal mounting	5500pcs/h	A visual camera	CCD High-definition camera
Visual mounting	4000pcs/h	Numbers of visual	2pcs(parts camera?PCB camera)
Suction nozzle type	Juki series nozzle	Recognition capability	MAX.20*20mm
Applicable element	RC(0402、0603、0805、1206 etc)	PC system	MicrosoftWIN7
	LED Lamp beads (0603、0805、3014、5050 etc)	Operational software	Researching and development independently
	Chip(SOT、SOP、QFN、BGA etc)	Compatible file format	CSV?TXT.format
PCB minimal size	10×10 mm	Program method	Support online and offline ways
PCB maximum size	350×450 mm	Air pressure	0.8 Mpa
PCB thickness	=2mm	Power	500W
PCB warping allowable value	<1mm	Power supply	AC220V±10% 50Hz
Type	YAMAHA CL materials feeder	Outline size	L 1165× W 1105 × H 630 mm
Feeder	8mm 12mm 16mm 24mm 32mm	Net weight	120kg
Numbers	30 level	Gross weight	190kg
Tubular materials feeder	Maximum 4 or 3.FIVE tubular materials feeder	Outline package size	1250*1180*640mm

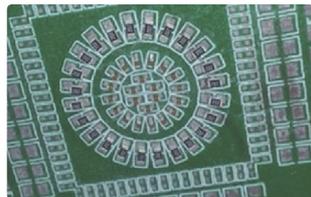
High Stability 2 Heads LED Mounting  
Machine KPH 802A-S With Guide  
Rail+High Voltage Drive Solar  
Mounting System



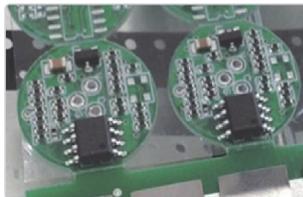
## Placement Effect



Each angle mounting effect



The effect of reflow oven of 5050 LED lamp



Mix mounting of 0402 IC. Audion

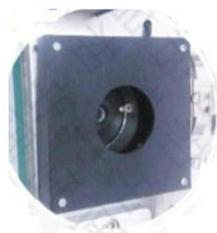


Mix mounting effect of reflow oven

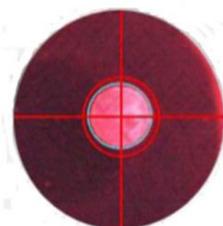
Treatment Of Position. It Can Calculate The Position Deviation And Angular Deviation . With Little Visual . Accurately Pasted Plate On The Corresponding Position



Separate Ethernet Control System Though The Computer Directly Control The Operation Of The Placement Machine Slong With Change In Being True. Change In The Past Memory Card Cumbersome Process Convenient And Each To Operation.



The First Item Which One With Below Vision In China. In Addition . It Can Realize I Make Spot And Position Thought Below Vision Automatically



## Specification

Name	KPH802A-S
Max Applicable Pcb	20mm*20mm--340mm*340mm
Max Xy Moving Area	395*450
Placement Head Quantity	2
Position Accuracy	0.025mm
Max Capability	5500pcs/hour With Camera, 7000pcs/ Hour Without
Motor Control Schem	Stepper Moter ( Flexible \$ Deceleration )
Applicable Components	0402--5050, SOP, TQFP, QFN
Square Rail	More Accurate For 0402 Component )
Feeders Number	Total = 26 8mm =22, 12mm=3,, 16mm=1
Visual System	2 Hd Ccd Cameras
Up Visual System	Identify Angle Deviations And Position Deviations
Down Visual System	Automatic Identify Make
Pump	2 Vacuum Pump , I Blow ( Built-in )
Power	125w
Power Supply	Ac220v Ac 110v
Gross Weight	60kg
Net Weight	35kg
Volume	0.36
Support Software	Prot 199 Altium Designer Engle Pade Allege Etc