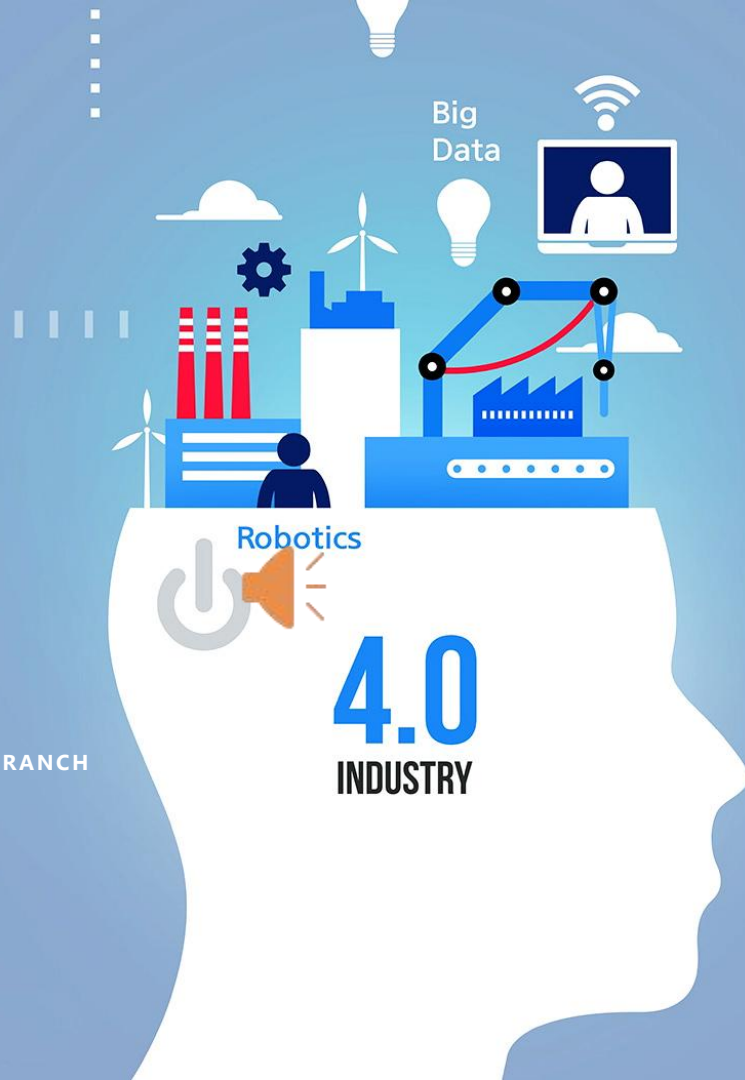


Production Line

MADE GREAT ACHIEVEMENTS

Help You Build a H-Tec Digital Factory

BEIJING HUAWEI SILKROAD ELECTRONIC TECHNOLOGY CO., LTD. HEBEI BRANCH





Customer Name

xxx有限公司



Customer Demand

智慧轨道交通项目



Contact Information

xxxx45

Project requirement

I. Project overview

This project belongs to: for the research and development of intelligent devices, testing and other functional use.

II. The Purposes

After the completion of the project, It should be able to follow the auto installation and soldering of the PCB components of the company's products III.

Requirements details

We need to provide the overall solution and budget of SMT production line to support the equipment, and provide the following.

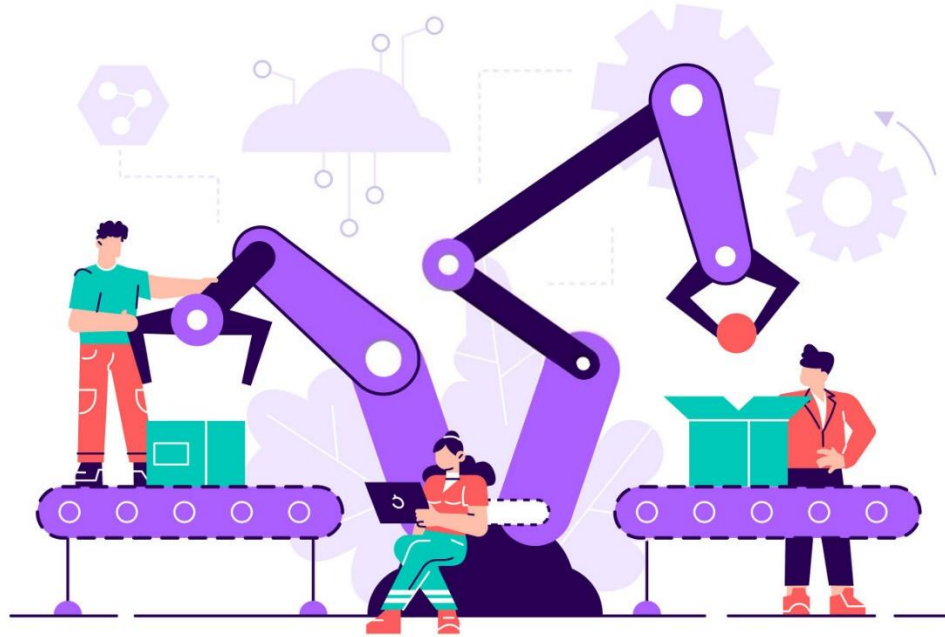
1. Provide production equipment selection;
2. Provide the overall planning effect drawing of the production line;
3. Provide product quotation.

According to your actual production situation, the SMT production line scheme is as follows.

Production Line Content and Quotation

No.	Equipment Name	Model	Unit	Quantity	Price (USD)	Usage
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

* The products of this production line are all new equipment, please place an order to sign up for the regular channels of Huawei Guochuang.



SMT production line equipment parameters are as follows

Equipment Parameter



Paste Mixer

Type	
Operating speed	Motor speed: 1350RPM One revolution: 400PRM Two rotations: 300PRM
Operating capability	0~500g*2tanks
Acceptance of solder cream pot	Tank diameter Φ60-Φ67 standard configuration (suitable for general 500 g solder cream bottle) Other specifications, please contact us for customization
Time setting	0.01s ~ 99H99s, minute and second set
Display mode	LED digital display
Rated power	Constant speed 60W
Working power supply	AC 220V±10% 50Hz
Boundary dimension	400*400*500mm
Machine weight	45kg

Microcomputer-controlled automatic solder paste mixer has the characteristics of easy operation, fast mixing and good mixing ability. In the process of mixing, the solder paste does not need to open the bottle, so the solder paste will not be oxidized or the situation of water vapor. The stirring method is the rotating and rotating stirring method of the motor, without taking out the cold solder paste and dehydrating, the solder paste can be warmed up in a short time, and the mixing is uniform and available immediately, so that the SMT printing process is simplified and standardized. The old and new solder paste can be mixed and stirred. The biggest advantage of the closed mixing is the fixed running time and the softness of the solder paste. (Q) stability and mixing old and new solder paste, the new solder paste can be more active.



Specification

HW-500S Automatic Solder Cream Mixer makes solder cream move downward constantly through centrifugal force generated by revolution and cooperation with energy from rotation at 45 degree angle of axis of revolution. Solder cream located in the tank bottom makes upward movement from the surrounding, which forms a tornado funnel shaped stirring action, and it can stir, soften and defoam the solder cream with appropriate viscosity. Solder cream has good wettability, even diffusivity, excellent printing effect after mixing, which achieves the best welding performance when reflowing soldering.

Characteristics

- There is special control circuit, adjustable mixing time and easy operation.
- Solder cream is placed by 45 degrees and rotates along axis direction and solder cream won't stick to the pot cover.
- Smooth operation, low noise, temperature return naturally and bubble remove in the process of mixing.
- There is no need to open cover for solder cream pot and it is convenient and safe for pick-and-place.
- There is safety device to ensure the personal safety

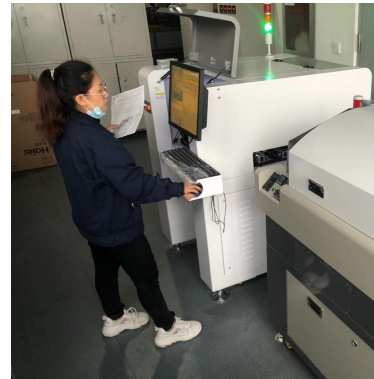
Equipment Parameter



Model	HW-T4-50F / HW-T4-44F
Number of Placement Heads	4(high-accuracy)
Number of IC Trays	48
Number of Feeders	50/44(subject to 8mm feeder)
Positioning Accuracy	0.01mm
Repeated Mounting Accuracy	0.05mm
Mounting speed range of resistance	5000-8000Pcs/h capacitance components
Applicable Components	resistor,capacitor,chip,lamp bead 0201-30*30mm etc.
Supported Maximum Area of PCB	50*50mm-(50F)350*190mm /(44F)350*260mm
Feeders	electric feeder, pneumatic feeder,vibrating feeder, IC tray etc.
Recognition Devices	mark camera x1,fast recognition camera x4, high-precision camera x1
Maximum Height of Applicable Components	≤7mm
PCB Convey Mode	three-stage entry,automatic connection from left to right, automatic PCB positioning
Mark Positioning	manual / automatic
Programming Method	automatic programming after manually importing files of PCB coordinates
Control System	HuaweiGuochuang control system
Maximum Step Length of XY Axis	629mm*679mm
Tracks of XY Axis	linear motion guide + Screw driver
Motion Mode of XY Axis	intelligent linkage of acceleration and deceleration of curve and line, integrated linear interpolation algorithm.

Control Computer	industrial control computer with Intel high-performance processor
Adjusting Method of Tracks	electric
Range of Nozzle Buffer	4.5mm
Maximum Step Length of Z Axis	20mm
Range of Angle for Components	±180°
Motor	AC Servo Motor series
Driver	high-speed DSP driver
Air Supply Requirements	oil water filter, ≥ 50L, dust filter and air pressure stabilizer etc.
Vacuum Supply of Nozzle	vacuum generator integrating the high-speed vacuum burst function
Range of Air Supply Pressure	0.5-0.7Mpa
OS	Independent research and development SMT intelligent OS based on Windows
PCB requires	3-5mm process edge in automatic mode
Vision Display	17-inch industrial control display
Cable	durable flexible cable (10 million times)
Power Supply	220V 50/60Hz
Average Power	600W
Machine Dimensions	desk machine 1140*900*900mm vertical machine 900*1140*1340mm
Weight	(desk machine)210kg (vertical machine)280kg

Equipment Parameter



Model	HW-T6-64F
Number of Placement Heads	6(high-accuracy)
Number of IC Trays	48
Number of Feeders	64(subject to 8mm feeder)
Positioning Accuracy	0.01mm
Repeated Mounting Accuracy	0.05mm
Mounting speed range of resistance	9000-10000Pcs/h capacitance components
Applicable Components	resistor,capacitor,chip,lamp bead 0201-30*30mm etc.
Supported Maximum Area of PCB	50*50mm--500*370mm
Feeders	electric feeder, pneumatic feeder,vibrating feeder, IC tray etc.
Recognition Devices	mark camera x1,fast recognition camera x6, high-precision camera x1
Maximum Height of Applicable Components	≤7mm
Recognition Methods	simultaneous recognition with six heads
PCB Convey Mode	three-stage entry,automatic connection from left to right, automatic PCB positioning
Mark Positioning	manual / automatic
Programming Method	automatic programming after manually importing files of PCB coordinates
Control System	HuaweiGuochuang control system
Maximum Step Length of XY Axis	629mm*679mm
Tracks of XY Axis	linear motion guide + Screw driver
Motion Mode of XY Axis	intelligent linkage of acceleration and deceleration of curve and line, integrated linear interpolation algorithm.

Price	
Control Computer	industrial control computer with Intel high-performance processor
Adjusting Method of Tracks	electric
Range of Nozzle Buffer	4.5mm
Maximum Step Length of Z Axis	20mm
Range of Angle for Components	±180°
Motor	Servo Motor series
Driver	high-speed DSP driver
Air Supply Requirements	oil water filter,≥ 60L,dust filter and air pressure stabilizer etc.
Vacuum Supply of Nozzle	vacuum generator integrating the high-speed vacuum burst function
Range of Air Supply Pressure	0.5-0.7Mpa
OS	Independent research and development SMT intelligent OS based on Windows
PCB requires	3-5mm process edge in automatic mode
Vision Display	17-inch industrial control display
Cable	durable flexible cable (10 million times)
Power Supply	220V 50/60Hz
Average Power	600W
Machine Dimensions	1316*1360*1340mm
Weight	438kg

Equipment Parameter



Model	HW-T8-72FX/80F
Number of Placement Heads	8(high-accuracy)
Number of IC Trays	48
Number of Feeders	72/80(subject to 8mm feeder)
Positioning Accuracy	0.01mm
Repeated Mounting Accuracy	0.05mm
Mounting speed range of resistance	10000-12000Pcs/h capacitance components
Applicable Components	resistor,capacitor,chip,lamp bead 0201-30*30mm etc.
Supported Maximum Area of PCB	50*50mm-(72FX)500*450mm/(80F)500*370mm
Feeders	electric feeder, pneumatic feeder,vibrating feeder, IC tray etc.
Recognition Devices	mark camera x1,fast recognition camera x8, high-precision camera x1
Maximum Height of Applicable Components	≤7mm
Recognition Methods	simultaneous recognition with eight heads
PCB Convey Mode	three-stage entry,automatic connection from left to right, automatic PCB positioning
Mark Positioning	manual / automatic
Programming Method	automatic programming after manually importing files of PCB coordinates
Control System	HuaweiGuochuang control system
Maximum Step Length of XY Axis	629mm*679mm
Tracks of XY Axis	linear motion guide + Screw driver
Motion Mode of XY Axis	intelligent linkage of acceleration and deceleration of curve and line, integrated linear interpolation algorithm.

Price	
Control Computer	industrial control computer with Intel high-performance processor
Adjusting Method of Tracks	electric
Range of Nozzle Buffer	4.5mm
Maximum Step Length of Z Axis	50mm
Range of Angle for Components	± 180°
Motor	AC Servo Motor series
Driver	high-speed DSP driver
Air Supply Requirements	oil water filter,≥ 60L,dust filter and air pressure stabilizer etc.
Vacuum Supply of Nozzle	vacuum generator integrating the high-speed vacuum burst function
Range of Air Supply Pressure	0.5-0.7Mpa
PCB requires	3-5mm process edge in automatic mode
OS	Independent research and development SMT intelligent OS based on Windows
Vision Display	17-inch industrial control display
Cable	durable flexible cable (10 million times)
Power Supply	220V 50/60Hz
Average Power	800W
Machine Dimensions	1410*1500*1540mm
Weight	(72FX)750kg / (80F)850kg

Equipment Parameter



Model	HW—DSQ800-102/87F
Number of Placement Heads	8(high-accuracy)
Number of IC Trays	96
Number of Feeders	102/87(subject to 8mm feeder)
Positioning Accuracy	0.01mm
Repeated Mounting Accuracy	0.05mm
Mounting speed range of resistance	22000-27000Pcs/h capacitance components
Applicable Components	resistor,capacitor,chip,lamp bead 0201-30*30mm etc.
Supported Maximum Area of PCB	50*50mm--340*370mm
Feeders	NXTelectric feeder,vibrating feeder, IC tray etc.
Recognition Devices	mark camera x2,fast recognition camera x8, high-precision camera x1
Maximum Height of Applicable Components	≤20mm
Recognition Methods	simultaneous recognition with eight heads
PCB Convey Mode	three-stage entry,automatic connection from left to right, automatic PCB positioning
Mark Positioning	manual / automatic
Programming Method	automatic programming after manually importing files of PCB coordinates
Control System	HuaweiGuochuang 2021 control system
Maximum Step Length of XY Axis	423mm*734mm (left) 423mm*734mm (right)
Tracks of XY Axis	linear motion guide + Screw driver
Motion Mode of XY Axis	intelligent linkage of acceleration and deceleration of curve and line, integrated linear interpolation algorithm.

Control Computer	industrial control computer with Intel high-performance processor
Adjusting Method of Tracks	Electric automatic width adjustment
Range of Nozzle Buffer	4.5mm
Maximum Step Length of Z Axis	50mm
Range of Angle for Components	±180°
Motor	Servo Motor series
Driver	high-speed DSP driver
Air Supply Requirements	oil water filter,≥ 60L,dust filter and air pressure stabilizer etc.
Vacuum Supply of Nozzle	vacuum generator integrating the high-speed vacuum burst function
Range of Air Supply Pressure	0.2-0.4Mpa
OS	Independent research and development SMT intelligent OS based on Windows
PCB requires	3-5mm process edge in automatic mode
Vision Display	17-inch square screen industrial display
Cable	durable flexible cable (10 million times)
Power Supply	AC220V 50/60Hz
Maximum power /Average Power	2300/1500W
Machine Dimensions	1740*1360*1440mm
Weight	1300Kg

Equipment Parameter



产品型号	HW-R306		
Number of Heating Zone	UP3/ Botton0	PCB Lateral Deviation	±2°C
Length of Heating Zone	1000mm	PCB Maximum Width	Transverse Width 300mm
Heating Device	Vacuum Super Long Life Ni Cr Heater	Accessible Height of Components	35mm
Heating Method	Turbocharged full hot air temp zone independent small cycle forced heating, energy saving	Moving Direction	left→right
Control System	Operation panel button, microcomputer intelligent instrument PID closed loop control/touch screen control	Moving Method	Stainless steel mesh belt
Warming Time	≤15min	Belt Speed	150-220mm/min
Number of Cooling Zone	1	Power supply	AC220V/50HZ
Cooling Method	Constant forced cooling	Start/ Normal Power	6KW/2KW
Temp Accuracy	±1°C	Weight	180kg
Alarm	Over Heating Alarm	Demensions	L1650×W613×H1225mm

Equipment Parameter



四温区回流焊

Type	HW-R408		
Heating zones	4	Temperature deviation	±2°C
Heating length	1400mm	PCB Max width	Horizontal width of mesh belt 300mm
heating element	Vacuum extra-long life nickel-chrome heater	Allowable height of element	35mm
heating method	Turbocharged full hot air temperature zone independent small cycle forced heating, rapid heating, energy saving	Conveyor Direction	left→right
control mode	Operation panel keys, microcomputer intelligent instrument PID closed-loop control/touch screen control	Transport system	B-shaped stainless steel mesh belt
heating up time	≤15分钟	Belt speed	0-1200mm/min 电子调速
Cooling zone	1	Power	AC380V 50/60HZ
Cooling mode	Constant flow forced air cooling	Start/Normal Power	8KW/2.5KW
Temp Accuracy	±1°C	Weight	300kg
Abnormal alarm	high temperature alarm	Boundary Dimension	L2500×W650×H1250mm

Equipment Parameter

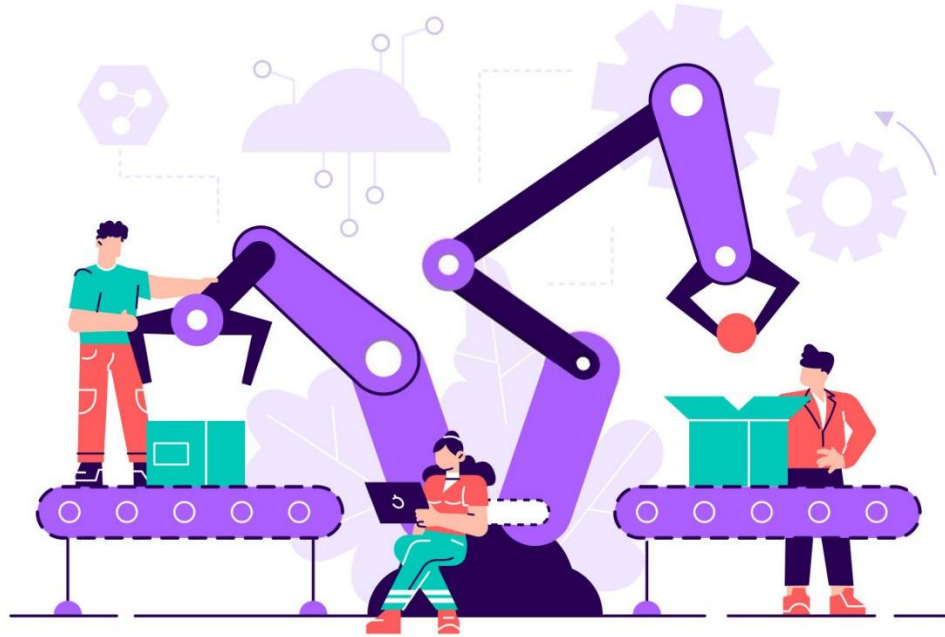


Type	HW-R612E		
Heating zones	6	Temperature deviation	$\pm 2^{\circ}\text{C}$
Heating length	2000mm	PCB Max width	Horizontal width of mesh belt 300mm
Heating Element	Vacuum extra-long life nickel-chrome heater	Allowable height of element	40mm
Heating Method	Turbocharged full hot air temperature zone independent small cycle forced heating, rapid heating, energy saving	Conveyor Direction	left→right
Control mode	Operation panel keys, microcomputer intelligent instrument PID closed-loop control/touch screen control	Transport system	B-shaped stainless steel mesh belt
Heating up time	$\leq 15\text{min}$	Belt speed	450-550mm/min
Cooling zone	1	Power	AC380V 50/60HZ
Cooling mode	Constant flow forced air cooling	Start/Normal Power	13KW/4KW
Temp Accuracy	$\pm 1^{\circ}\text{C}$	Weight	480kg
Abnormal alarm	high temperature alarm	Boundary Dimension	L3000×W700×H1300mm

Equipment Parameter










Type	HW-R3036		
Working area	360 300mm	Temp control range	Short time high temperature Max350 °C, high temperature resistance, suitable for high temperature soldering
Accessible height	40 5mm	PCB Tray	High temperature resistant transparent tray
Furnace liner material	8K mirror stainless steel	Control accuracy	5°C
Heater	Ceramic radiant plate	Communication Mode	RS485
Control Mode	PID+Computer	Voltage	AC220V 50/60HZ
Temperature zone	Single zone 16 stage Temp control	Start Power/Working Power	2.6KW/1KW
Number of temperature control stage	1 16 stage which can be set according to actual.	Weight	45kg
Cooling Method	Turbocharger suction cooling	Size	L817 W504 H322mm
Temp Drop slope	1 3°C/sec	Cooling Pipe	Independent exhaust air duct, with external exhaust interface as standard











Standard accessories with Machine








Four head SMT machine with equipment accessories

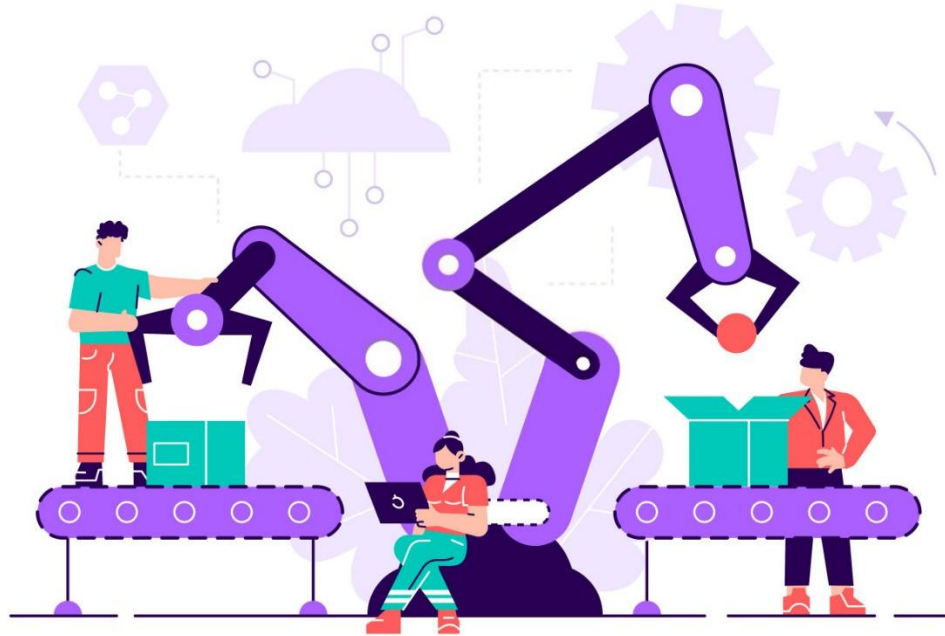
No.	Name	Quantity	Purpose	Picture
1	Power cable	1	Connect the host of the mounting machine	
2	Conveyor Cable	2	Docking station	
3	Calibration Ink	1	Machine camera calibration use	
4	Grease	1	Used for the maintenance of lead screw guide rail, etc	
5	Juki Nozzle	12	502*2 503*3 504*4 505*2 506*1	
6	Solid nozzle	4	Camera Visual center calibration	
7	L-shaped IC tray support/Knurled screw	4	Support the IC tray or fix the tray support	
8	Mouse pad	1	Mouse placement	
9	O-Ring	5	Camera Visual center calibration	

Six head SMT machine with equipment accessories

No.	Name	Quantity	Purpose	Picture
1	Power cable	1	Connect the host of the mounting machine	
2	Conveyor Cable	2	Docking station	
3	Calibration Ink	1	Machine camera calibration use	
4	Grease	1	Used for the maintenance of lead screw guide rail, etc	
5	Juki Nozzle	16	502*4 503*4 504*6 505*3 506*1	
6	Solid nozzle	6	Camera Visual center calibration	
7	L-shaped IC tray support/Knurled screw	4	Support the IC tray or fix the tray support	
8	Mouse pad	1	Mouse placement	
9	O-Ring	5	Camera Visual center calibration	






Eight head SMT machine with equipment accessories

No.	Name	Quantity	Purpose	Picture
1	Power cable	1	Connect the host of the mounting machine	
2	Conveyor Cable	2	Docking station	
3	Calibration Ink	1	Machine camera calibration use	
4	Grease	1	Used for the maintenance of lead screw guide rail, etc	
5	Juki Nozzle	20	502*4 503*6 504*6 505*3 506*1	
6	Solid nozzle	8	Camera Visual center calibration	
7	L-shaped IC tray support/Knurled screw	4	Support the IC tray or fix the tray support	
8	Mouse pad	1	Mouse placement	
9	O-Ring	5	Camera Visual center calibration	










**Additional items and tools required for SMT line production
(part to be brought by oneself)**






Other Equipment

No.	Name	Function	Parameter Configuration	picture
1	Feida (contact sales price)	loading tray component SMT machine take	0201 electric flyover (0201-1206 general) 8mm step distance 2mm pneumatic flyover (0402 special) 8mm step distance 4mm pneumatic flyover (0603-1206 general) 12mm belt 12mm wide; 16mm material belt 16mm wide 24mm material belt 24mm wide	
2	Air compressor (piston type)	Air supply for Equipment (optional)	750W*3 65L Gas 180L/min (meet the gas consumption of one machine)	
			1100W*3 100L gas 300L/min (meet the gas consumption of two machines)	
3	Air compressor (screw type)		Minimum specification 7.5KW 1200L/min (meet the air consumption of 6-8 machines)	
3	Storage tanks	Air source water filtration		
4	Person who	Air dehumidification and water dehumidification	The treated air volume is 1.5 m3 /min	
5	---	----	----	-----

Other Equipment

No.	Name	Function	Parameter Configuration	picture
1	10 mm trachea	Air supply input to the mounting machine	Determine the length based on the layout and wiring of your machine	
2	8 mm trachea	On the machineAir source input for semi-automatic printing press	Determine the length based on the layout and wiring of your machine	
3	Suction nozzle (contact sales quote)	Machine standard	501 (0201) 502 (0402) 503 (0603) 504 (0805-1210) 505、506 (chip)	
4	Suction fan	Reflow welding for ventilation and smoke removal	Power according to the demand of smoke exhaust volume, choose the size of the pipe outlet diameter 4 inches	
5	Aluminum foil pipe or PVC pipe		110mm according to the layout of the room	
6	Solder paste	Consumables required for welding (lead-free or lead-free according to the product selection, select the number of tin powder according to the precision)	500g	
7	Oil-water separator at the inlet of the SMT machine	Filter water and regulate pressure	Original 6 head vertical machine	
8	Double insulated wire over 6 square meters	A connection to a circuit breaker for reflow soldering	Household socket is not allowed for high reflow current (national standard line)	
9	---	----	----	----

Other Equipment

No.	Name	Function	Parameter Configuration	picture
9	Air switch	reflow control	380V three-phase with leakage protection	
10	steel mesh	Print the solder paste onto the circuit board	The general size of the steel mesh is 370*470mm300*400mm and should be polished. The general thickness is 0.12-0.15mm. There is a tight foot chip with a spacing of 0.5mm.	
11	SMT Aluminum tray (contact sales quote)	Heat insulation for double-sided over-reflow soldering PCB	Suitable for reflow welder without track, welding the top layer, bottom secondary welding used	
12	Feida Car (contact sales quote)	Store the feeder that is not used for the time being or that is waiting to be used on the machine	Yamaha Feida, 40 two layers, a total of 80	
13	Answer the strip	Some of the material belt and skin of the tray are short, resulting in the tray cannot be installed on the feeder, and long skin and tape are used.	Choose to buy according to the width of material belt	
14	---	----	----	-----

Product Delivery Process

Company History

Communicate online to understand requirements.

Make an appointment to test stick time.



Customized solutions for products.

Discuss the layout of the production line.

Finalize the plan and sign the contract.



Pay for equipment.

Product delivery.

One to one after sale.



SMT production line customized strength partners

Talent Strategy

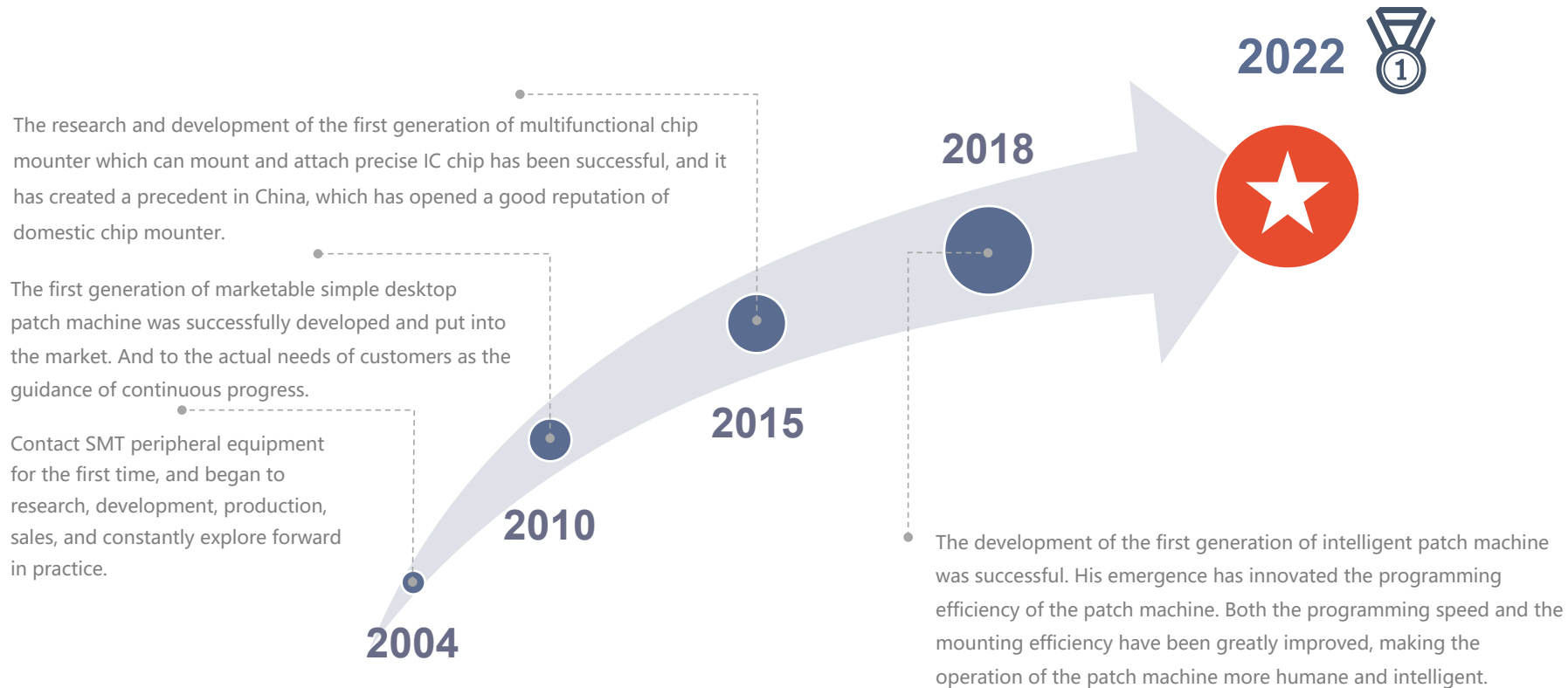
Company introduction

Beijing Huawei Guochuang Electronic Technology Co., LTD., is a national high-tech enterprise integrating research and development, production and sales, SMT core equipment is the company's key research and development equipment. Our goal is to break the international monopoly and make our own, cost-effective domestic SMT mounters. The company's philosophy is: patriotic, pragmatic, innovative, service to the society. At present in the sale of product SMT machine, not only in the domestic small and medium-sized enterprises, but also by the favor of foreign customers.



History of patch technology

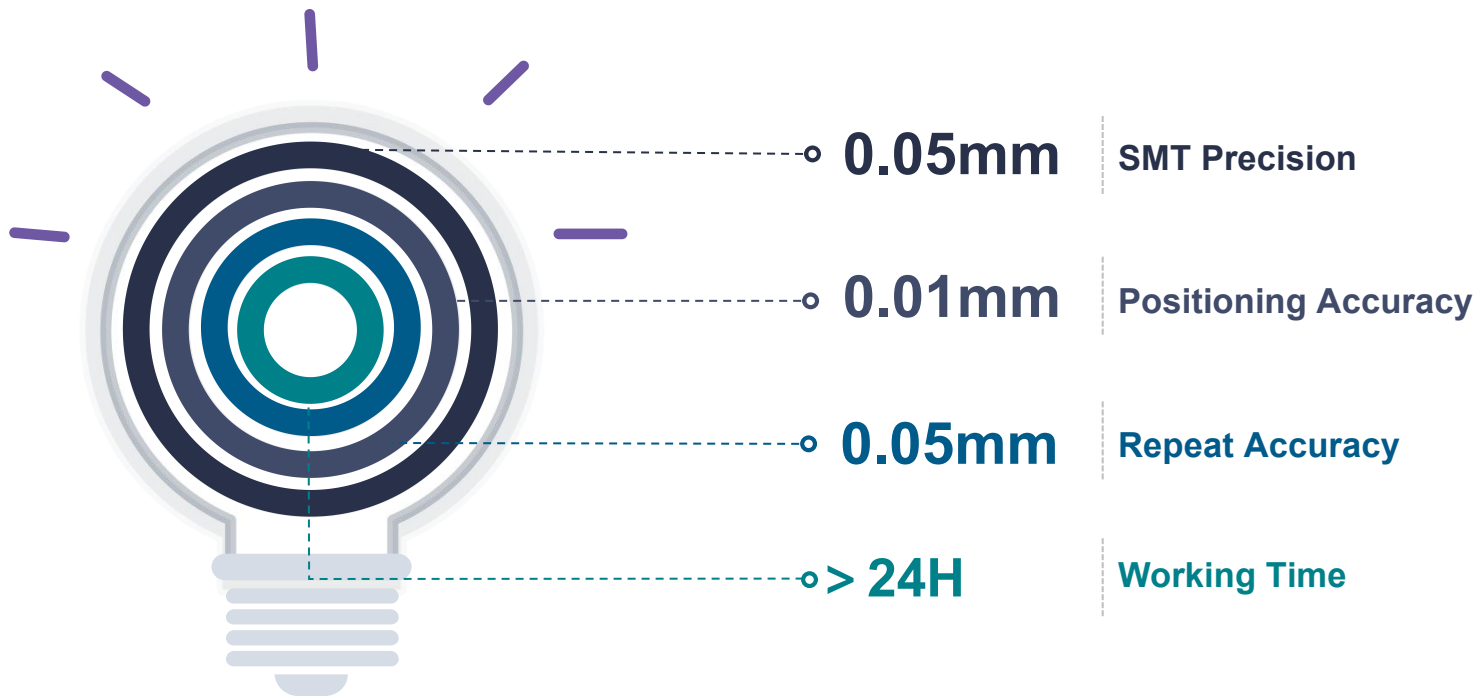
Company History

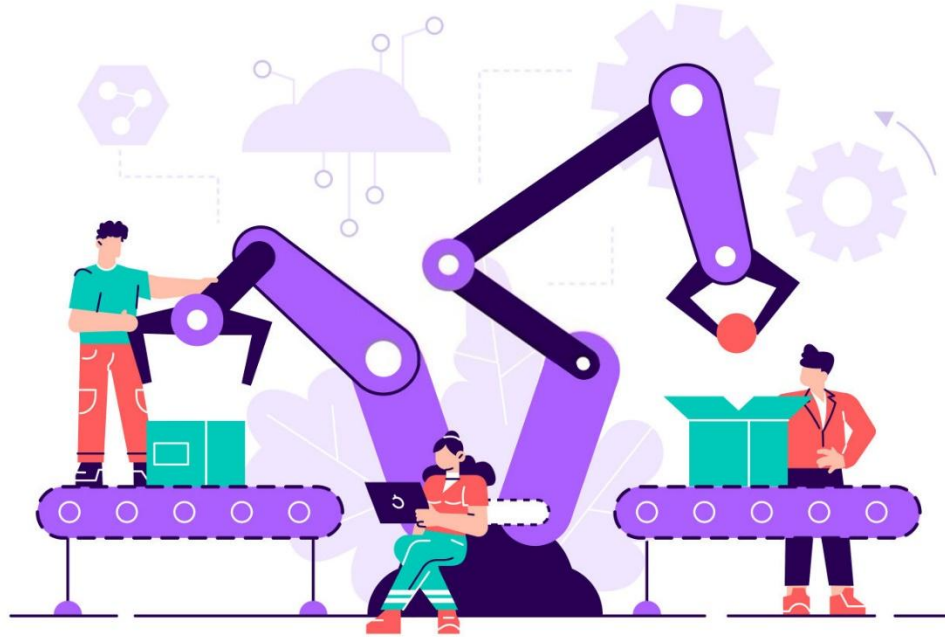


Product advantage

Talent Strategy

Accurate Stable Intelligent Efficient



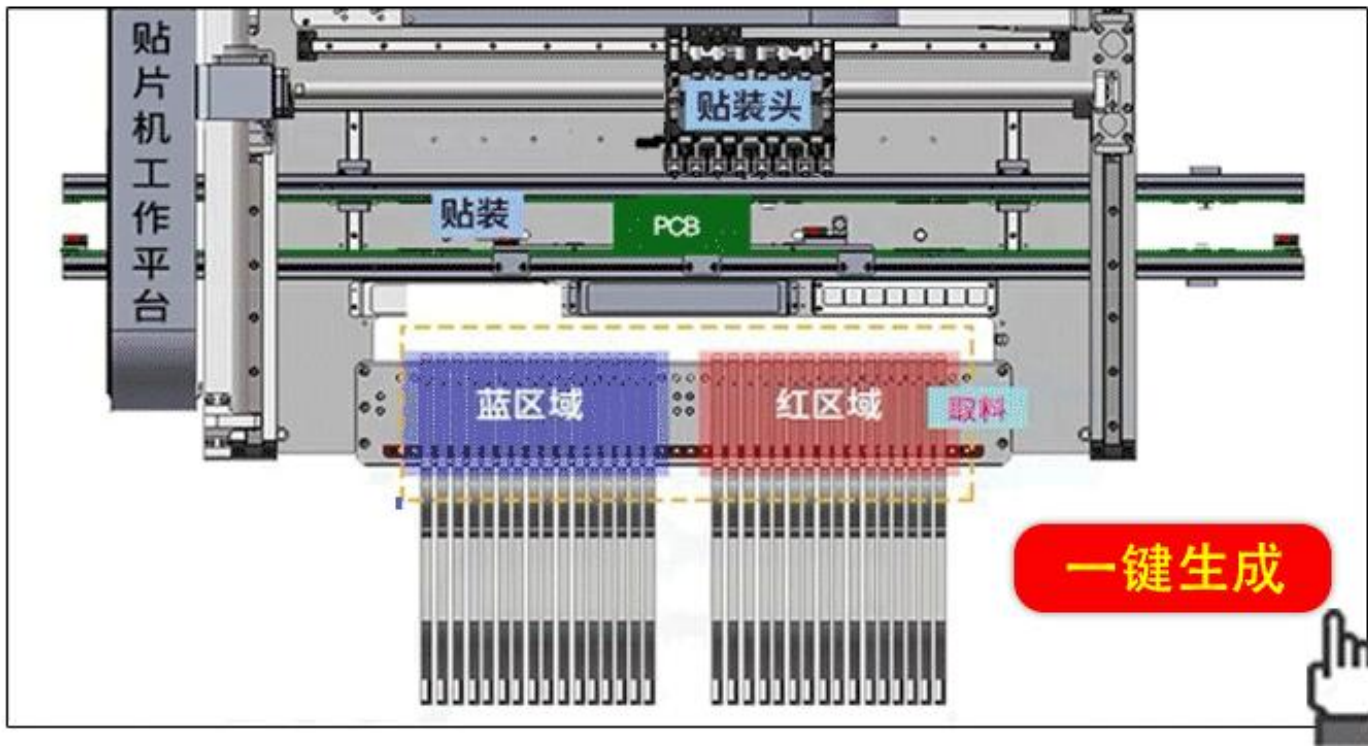


Operation characteristics and advantages of Huawei Guochuang patch system

Feature 1: Automatic optimization of Feida assembly station location

Traditional: Manual operation, only experience to configure the feeding position.

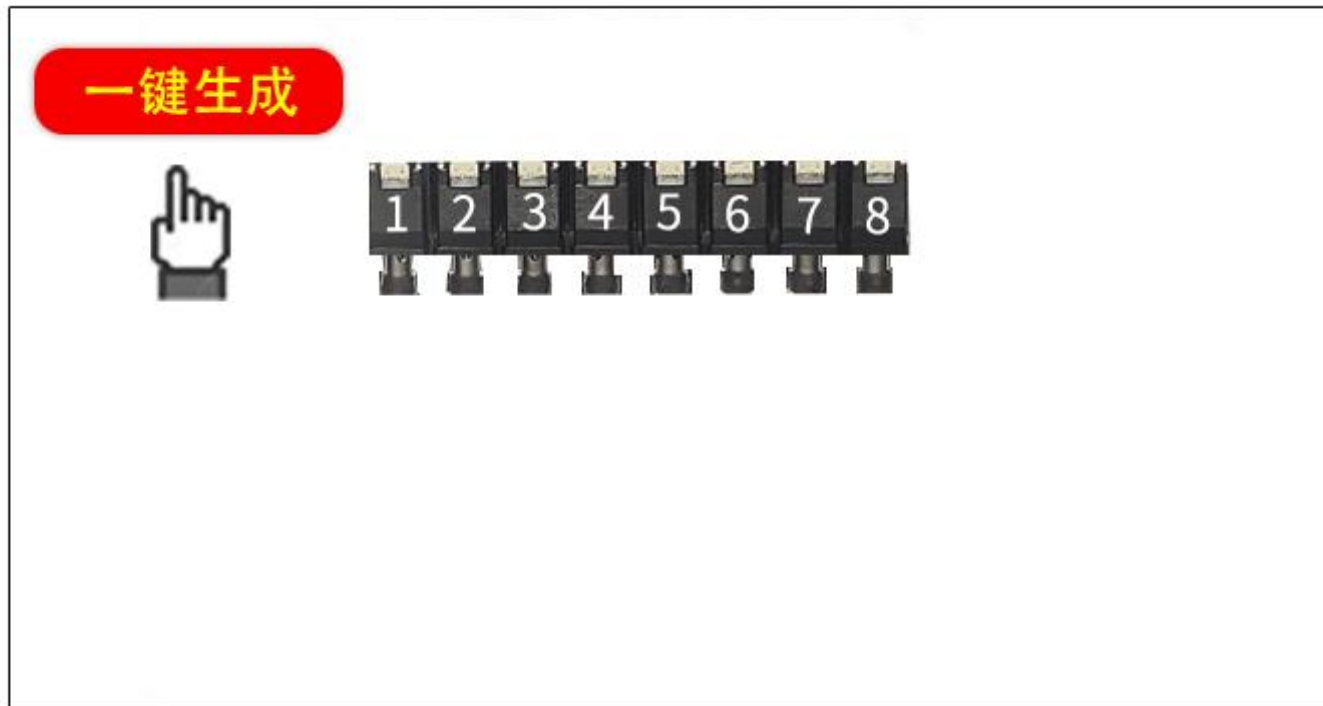
Hua Wei Guochuang: One key automatic intelligent planning material loading position. Scientific matching material layout, save production time, improve production efficiency.



Feature 2: Automatic optimization of nozzle installation sequence

Traditional: Manual operation, only experience configuration nozzle position.

Hua Wei Guochuang: One button to generate suction nozzle layout. Scientific taking line, save production time, improve production efficiency.



Feature 3: multi-head simultaneous fetching, efficient fetching, maximize the efficiency of fetching

Tradition: Pick material one by one.

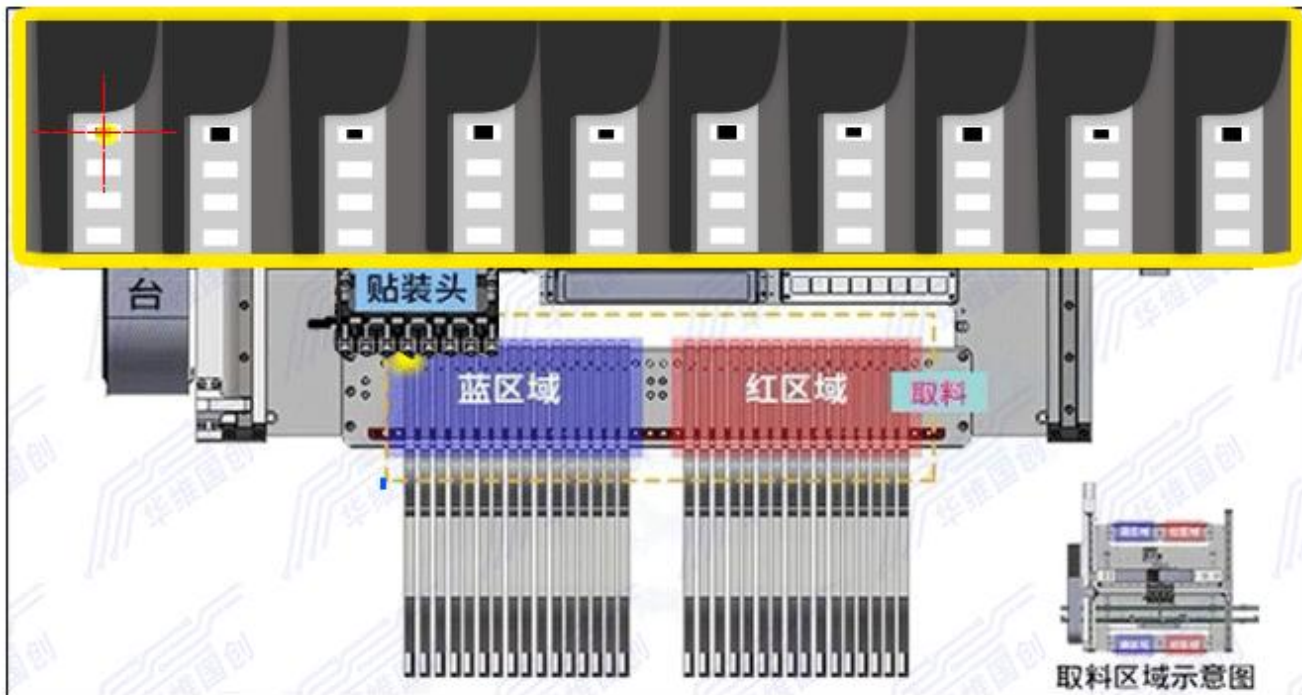
Hua Wei Guochuang: Some models realize multiple simultaneous fetching, saving production time and improving production efficiency.



Feature 4: Automatically calibrate the suction coordinates of the flying reach

Traditional: manual search for material center coordinates one by one.

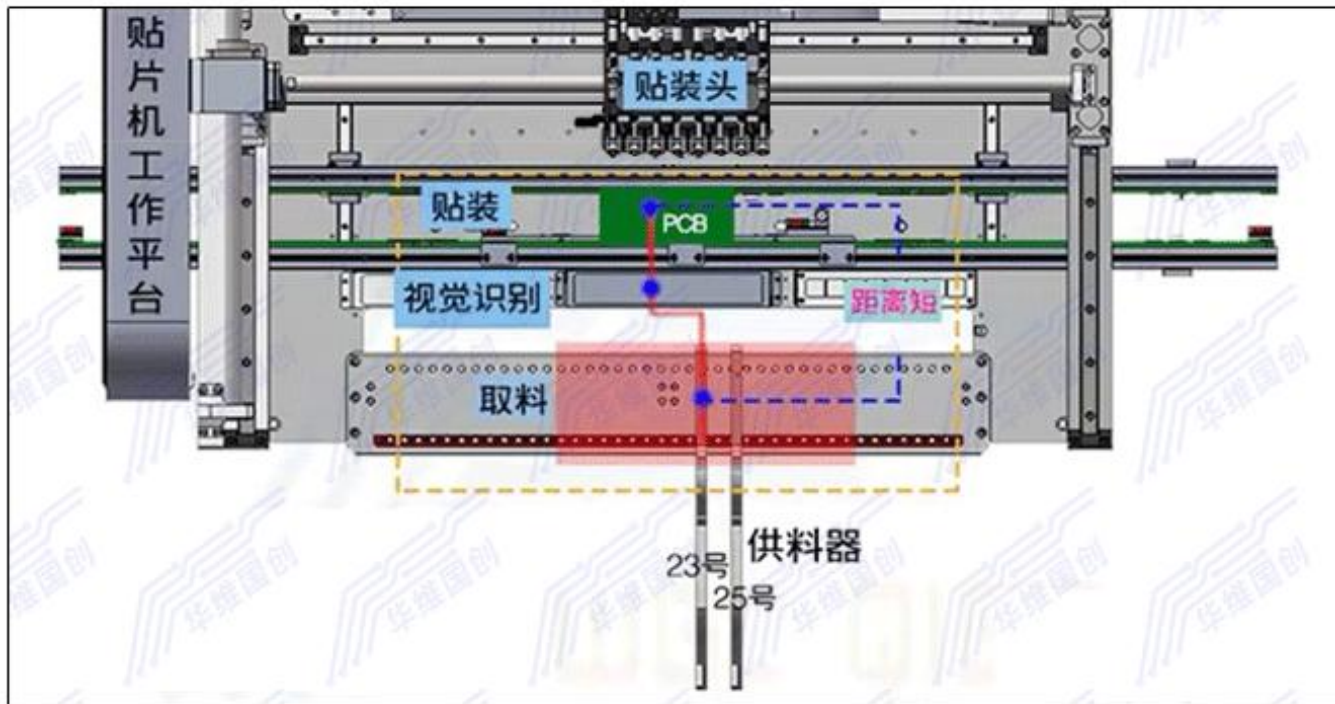
Hua Wei Guochuang: One key automatic calibration of material suction coordinates, more accurate, more efficient.



Feature 5: Automatic layout mount shortest path

Traditional: Manual operation, only with experience and artificial vision operation, very easy to cause mistakes in the project.

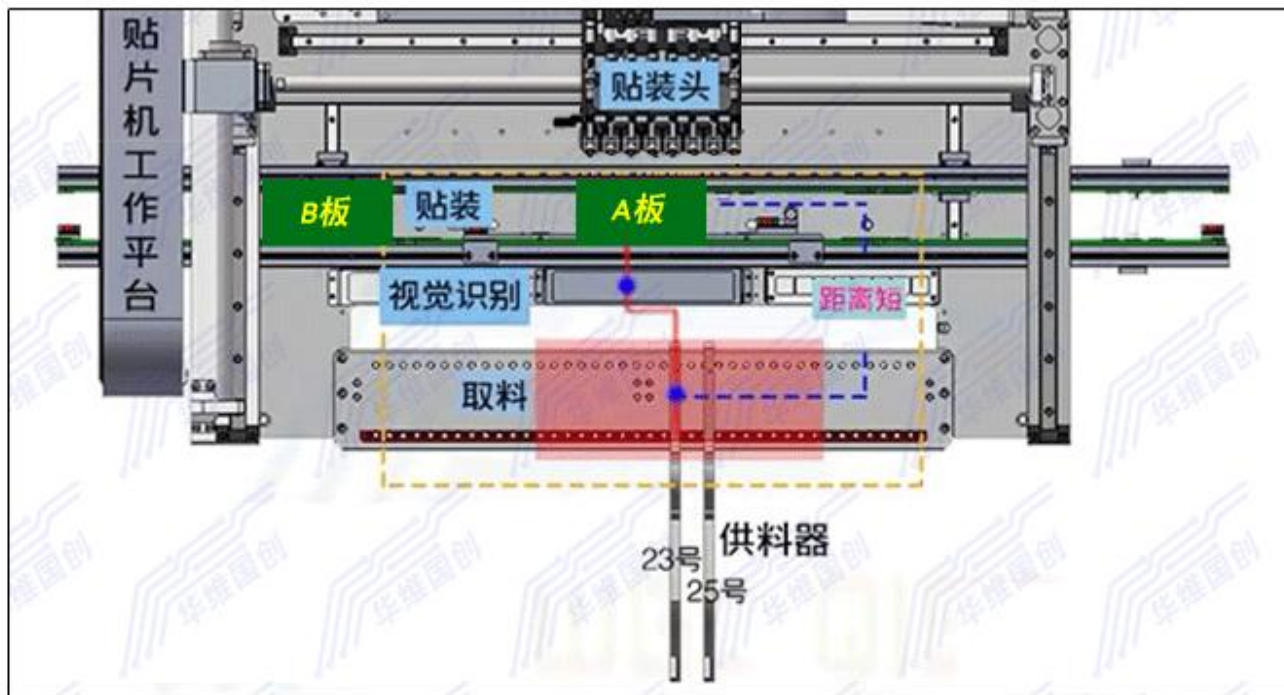
Hua Wei Guochuang: Gradually realize the replacement of manual machine, to achieve more accurate, more scientific, more efficient production mode.



Feature 6: three-stage entry plate

Tradition: Enter the board one by one

Hua Wei Guochuang: Three - stage into the plate mode, shorten the time difference between the two plates, improve production efficiency.



Sales Range

[Company History](#)

Company technology research and development headquarters in Beijing Zhongguancun, production plant in Shijiazhuang. We not only have offices in various provinces and cities, but also actively promote the overseas agent sales system in foreign countries. We have cultivated a group of agents and dealers who can grow together with Huawei Guochuang and have strong local strength, so as to realize the after-sales service and parts supply localization, so that overseas users can buy the products of Huawei Guochuang at ease. At present, the company overseas distributors and agents in more than 200, products have been exported to 169 countries and regions, initially established in Vietnam, Indonesia, India and other southeast Asian countries, such as Saudi Arabia, the united Arab emirates, west Asia country, kazakhstan, Ukraine and other cis countries, African countries such as Algeria, Angola, South Africa; To Argentina, Brazil, Chile and other South American countries, to Poland, the United States, Australia and other European and American developed countries overseas marketing network.



Get the Honor

With the intelligent motion control system, visual recognition system, image processing system and other core technologies have been successfully researched and developed. Hua Wei Guochuang patch technology is becoming more mature.

In hardware manufacturing, the core components are imported brands to ensure more stable, reliable and long-term product performance. And has obtained a variety of invention patents, utility model patents and software Copyrights, the patch standard has reached the international level. Not only in the domestic has a stable customer group, even in the overseas also gained more and more favor.





High precision

Exquisite materials, every detail is polished by technical personnel, in order to achieve the overall high precision.



For efficient

每一个研发成果，每一步更新努力，都是为了实际生产中的高效能。



Very professional

From 2004 to now, I have 18 years of development and sales experience since the R&D team.



Heavy practical

A good machine, can use the machine, in order to solve the actual problems in the production of enterprises. We don't preach, we look at results.



Really smart

The technical team devoted themselves to the research and development of HWGC has become the leader of real intelligence in the SMT .

SMT production line customized strength partners

Products and Services

Customers



BAICHUAN



Customers



Customers



Thanks for listening

Company Introduction

With scientific and technological innovation as the core competitiveness, Huawei Guochuang aims to realize the full intelligence of SMT production line and "zero" line change. We have strict requirements on products, continue to follow up, develop and upgrade SMT equipment more suitable for industrial production, so as to meet different production needs and help each partner to develop for a long time.

