



FS800 series automatic dispensing equipment new energy FPC industry met with the tilting & rotation module

Our Product Introduction

for more products please visit us on mingseal-en.com

Basic Information

- Place of Origin: China
- Brand Name: MingSeal
- Certification: ISO
- Model Number: FS800-20
- Minimum Order Quantity: 1
- Price: \$28000-\$150000
- Packaging Details: WOODEN
- Delivery Time: 5-60 days
- Payment Terms: L/C, T/T, D/A, D/P, MoneyGram, Western Union



Product Specification

- Automatic Grade: Automatic
- Condition: New
- After-sales Service Provided: Engineers Available To Service Machinery Overseas, Video Technical Support, Online Support, Field Installation, commissioning And Training
- Dimension (l*w*h): 3000x1800x1600mm
- Product Name: FS800 Series Automatic Dispensing Equipment
- Structure: Floor -mounting Gull-wing Door Type Dual XYZ Actuation Motion Modules+Double Track
- Dispensing Range (WxD): 2100x800mm
- Track Width Adjustment Method: Automatic Width Adjustment (1 Fixed, 3 Movable)
- Highlight: Precision pcb pick and place machine, pcb pick and place machine Assembly, Precision pick and place pcb assembly



More Images



Product Description

FS800 Fully- Automatic Dispensing Machine

FS800 series automatic dispensing equipment is a high-speed, high-precision and cost-effective online dispensing system which is developed based on the new energy FPC industry. It can meet the FPCs of various sizes, and can support Max. 2100mm-long carrier plate to realize completion in one operation. It can be provided with double heads, double valves and double tracks to improve the CT time. The dispensing process requirements in multiple scenarios can be met with the tilting & rotation module.

Features and Advantages

Achievement of High-Quality and High-Speed Precise Dispensing

Grating ruler positioning and linear motor drive to ensure accuracy and stability of the equipment.

Convenient Equipment Structure

Front and rear double-flip doors (gull-wing doors) to facilitate direct observation, debugging and picking & placement of carrier plates.

Our Product Introduction

Double display components and alarm lamps making it easier to operate and observe.

Efficiency Improvement

Double tracks to save the carrier plate turnover time.

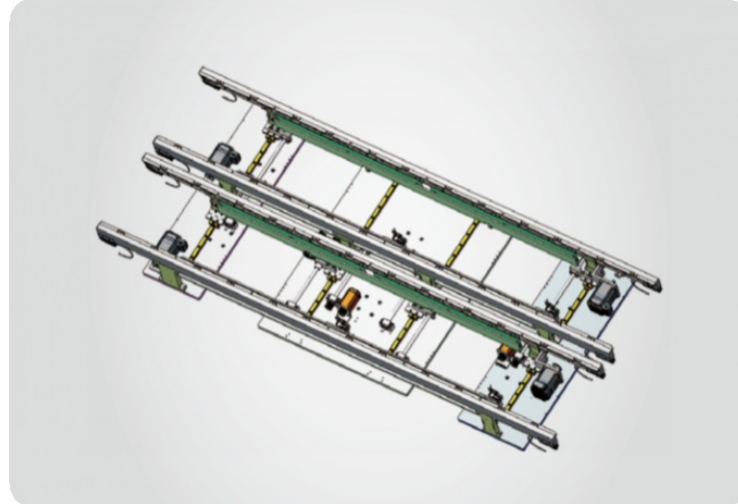
Supporting double heads and double valves to realize synchronous or asynchronous dispensing.

Supporting the supply of glue from large-volume glue tanks to reduce the replacement frequency.

High Compatibility

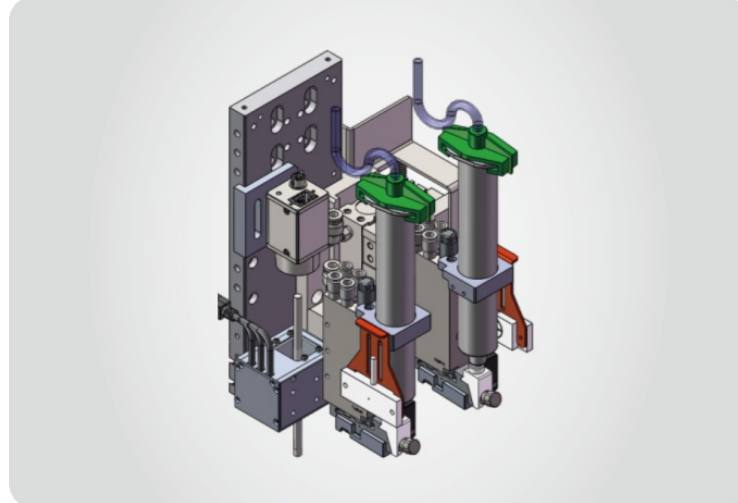
Adjustable track width, connectable, compatible with products of different sizes and specifications, and possible connection of multiple sets.

Supporting Max. 2100mm×400mm carrier plate to realize completion in one operation.

Special Process Modules

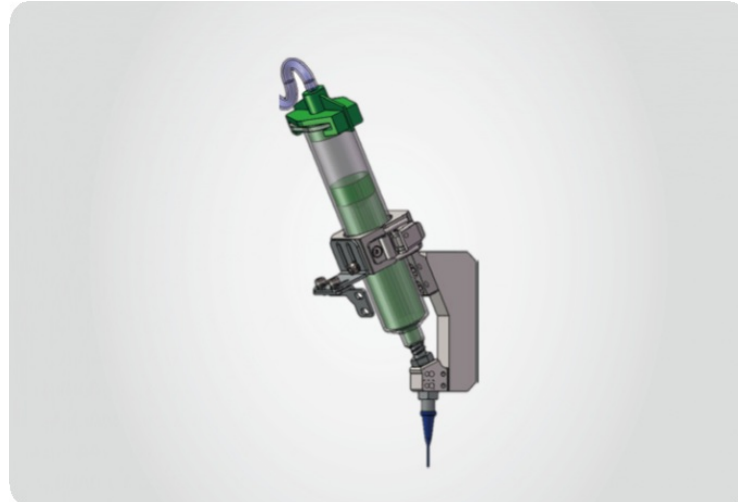
Double-Track Module

Optimization or saving of carrier plate turnover time and improvement of UPH



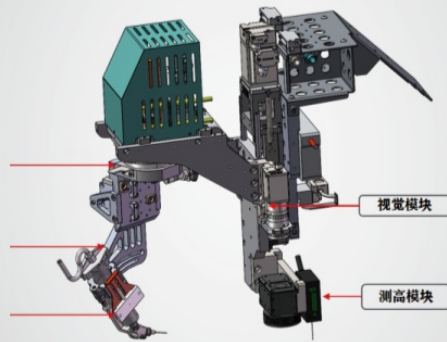
Double-Valve Asynchronization Module

Suitable for dispensing with two kinds of glues in different processes



Tilting & Rotation Module

Suitable for side dispensing process



360° Rotation Module

Achievement of connector dispensing in five directions

Model	FS800F12	FS800F15	FS800F20
Structure	Floor - mounting gull- wing door type Left- right XYZ dispensing actuation modules+Double track	Floor - mounting gull- wing door type Dual XYZ motion act u ation modules+Double track	Floor - mounting gull- wing door type Dual XYZ actu ationmotion modules+Double track
Transmission Method X/Y axis	X/Y: Linear motor +Raster Ruler Z axis Servo motor+Screw module	X/Y: Linear motor +Raster Ruler Z axis Servo motor+Screw module	X/Y: Linear motor +Raster Ruler Z axis Servo motor+Screw module
Number of Axis	Total 6 axis (2 sets XYZ axis)	Total 6 axis (Dual XYZ act u ation units)	Total 6 axis (Dual XYZ act u ation units)
Di m e n s i o n s (W × D × H)	2100 × 1800 × 1600mm	2400 × 1800 × 1600mm	3000 × 1800 × 1600mm
Dis p e n s i n g R a n g e (W × D)	1200 × 800mm	1500 × 800mm	2100 × 800mm
Max . speed X/Y/ Z axis	XY: 1000mm/s Z: 500mm/s	XY: 1000mm/s Z: 500mm/s	XY: 1000mm/s Z: 500mm/s
Max . Accelerated Velocity X/ Y axis/Z axis	XY: 1g Z: 0.5g	XY: 1g Z: 0.5g	XY: 1g Z: 0.5g
Repeatability (3sigma)	XY: ±0.015mm Z: ±0.005mm	XY: ±0.015mm Z: ±0.005mm	XY: ±0.015mm Z: ±0.005mm
Positioning Accuracy (3sigma)	XY: ±0.03mm Z: ±0.01mm	XY: ±0.03mm Z: ±0.01mm	XY: ±0.03mm Z: ±0.01mm
T r a c k Width Adjust me nt Method	Automatic width adjustment	Automatic width adjustment (1 fixed , 3 movable)	Automatic width adjustment (1 fixed , 3 movable)
T r a c k Width Adjust me nt R a n g e	150 ~400mm (Single track)	150 ~400mm (Single Track)	150 ~400mm (Single Track)
Z axis Load (kg)	5	5	5
Conveyor Belt Load (kg)	5	10	10
Max . Substrate Thickness (mm)	0.5 ~ 10mm	0.5 ~ 10mm	0.5 ~ 10mm
Max. Height of Devices on Top of PCB	25mm	25mm	25mm
Max. Height of Devices on Bottom of PCB	25mm	25mm	25mm
Co n v e y o r T r a c k	Optional belt ,chain , Multiplier chains	Optional belt , chain , Multiplier chains (customized)	Optional belt ,chain , Multiplier chains (customized)
Camera Pixels (Optional)	130W black & white (Optional)	130W black & white (Optional)	130W black & white (Optional)
Light Source	RGB colored Light source (Optional)	RGB colored Light source (Optional)	RGB colored Light source (Optional)
Ope r a t i n g S y s t e m	Win10 64-bit system	Win10 64-bit system	Win10 64-bit system
I n p u t V o l t a g e	220V AC 50±Hz	220V AC 50±Hz	220V AC 50±Hz



Mingseal
INTELLIGENT & EFFICIENT

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