



SS200 Lid Attachment System Lid Attach process requirements of FCBGA/FCCSP. Support OEM Integrated Circuits

Our Product Introduction

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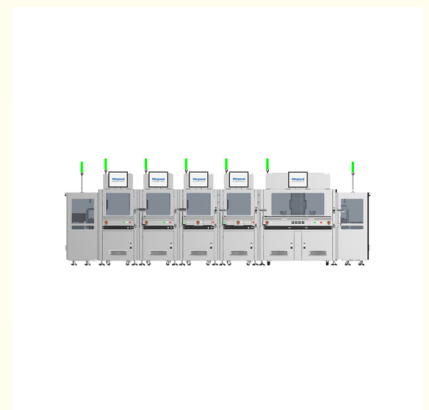
Basic Information

- Place of Origin: China
- Brand Name: MingSeal
- Certification: ISO CE
- Model Number: SS200
- Minimum Order Quantity: 1
- Price: \$28000-\$150000
- Packaging Details: WOODEN
- Delivery Time: 5-60 days
- Payment Terms: Western Union, MoneyGram, T/T, L/C
- Supply Ability: 1



Product Specification

- Condition: New
- Type: SS200
- Packaging Material: Wood
- Voltage: 200~240VAC, 47~63HZ Single Phase Voltage Adaptive Power Supply
- Automatic Grade: Automatic
- Application Fields: FCBGA / FCCSP Lid Attach Application (Including AD Glue, Tim Glue Lid Attach Snapcure)
- Suitable PKG Size: 5 Mm× 5 Mm- 1 1 0 Mm× 1 1 0mm
- Certification: CE Certificate, ISO9001, CE/ISO
- Highlight: **automated adhesive dispenser Precision Transistor**, **FPC automated adhesive dispenser**, **FPC auto glue dispenser**



More Images



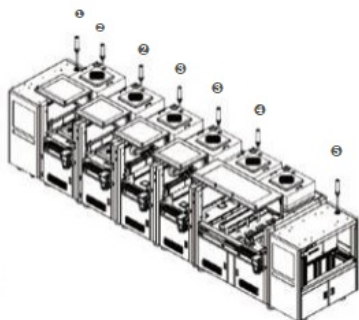
Product Description

SS200 Lid Attachment System

It's a highly stable and precise lid attachment system developed based on Lid Attach process requirements of FCBGA/FCCSP. Integrating the functions of automatic loading & unloading, dispensing, Lid Attach, Snapcure, and dispensing & attachment inspection, the system can automatically realize functions including automatic loading & unloading of substrates and lids, automatic AD & Tim glue coating, glue shape detection, lid attachment and attachment result detection, and lid pressure-holding and pre-curing. It is compatible with international semiconductor communication protocols, and meets the relevant requirements of automated production lines.

Composition of Fully-Automatic Operation System

- ❶ KLM201 loading machine
- ❷ GS600SD dispensing machine
- ❸ AS100 mounting machine
- ❹ MP200 hot pressing machine
- ❺ KUM201 unloading machine
- * The machines of this system are of modular design.
- * The sequence or quantity of the dispensing machine, mounting machine and hot pressing machine can be adjusted according to the requirements of process sequence and efficiency ratio.



Features and Advantages

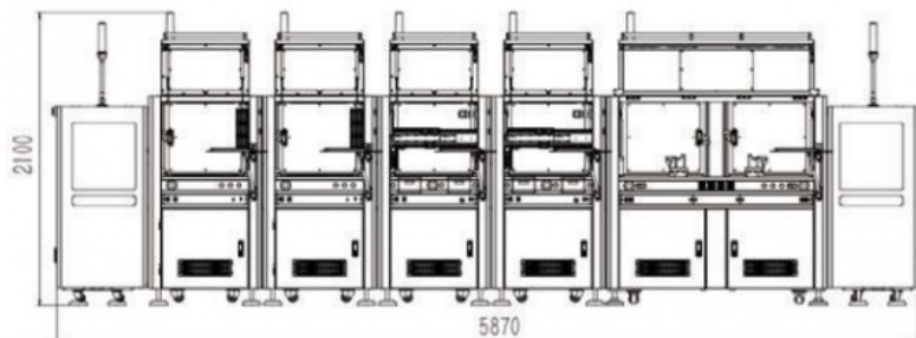
Good shock absorption with mineral frame structure to effectively reduce the impact caused by high-speed operation.
ESD protection meeting international IEC & ANSI standards.
Automatic dispensing position compensation function to ensure the dispensing accuracy.
Modular design of the whole machine, and dispensing operation supporting double valve synchronization with interpolation/double-valve asynchronization.

Dustproof level 10, meeting the requirements of advanced packaging industry.
Glue width detection function to avoid process risks caused by poor dispensing.
Corresponding inspection function to ensure product quality after completion of each process stage.
Platform-type loading system to support continuous operation of multiple magazine.

SS200 Application Fields

Application Fields	FCBGA / FCCSP Lid Attach Application (including AD glue, Tim glue, Lid Attach, Snapcure)
Suitable PKG Size	5 mm× 5 mm- 110 mm× 110mm
Max. Boat Size	L× W≤ 325 mm× 162mm
Max. Boat Weight	3kg (product weight included)
Max. Magazine Size	L× W× H≤ 330 mm× 165 mm× 180mm
Max. Lid Tray Size	L× W≤ 316 mm× 135mm
Lid loading Method	Magazine, Tray loading (Standard) belt type feeding(optional) Tube/ soft Tray (customizable)

SS200 Public Facilities



Ambient Temp. & Humidity 25°C±5°C, 30 ~ 70%

Footprint W× D× H	5870 mm× 1650 mm× 2100mm
System Weight	5.8T
Power Supply	200~240VAC,47~63HZ ,Single phase voltage adaptive power supply
Electric Current	81A
Power	18KW
Inhale	1770L/Min

KLM/KUM201 Loading & Unloading Module



KLM/ KUM201Loader & Un loader	
Size	1 2 0 0 mm× 6 1 5 mm× 2 0 14mm
FM Clean and Quarantine	Ion air curtain shower at entrance
Boat Q ty .	3 pcs
Loading Manner	Platform type
Repeatability (3 sigma)	Z/Y: 0.05mm
Max . Movement Speed	Z/Y: 300mm/s
Max . Accelerated Velocity	Z/Y: 3000mm/s²
Product Protection	1.In normal working state/temporary power failure of the machine, the motion axis remains in place to prevent the product from falling 2. Equipped with different color lights visualizing the status of the tray 3. Able to detect tray protruding out of boat and then stop and alarm 4. Able to detect and alarm for material jamming 5. Able to detect and alarm for abnormal operating position of the tray





Changzhou Mingseal Robot Technology Co., Ltd.



008613776880183



market01@mingseal.com



mingseal-en.com

No. 18-98, Changwu Middle Road, Wujin District, Changzhou City, Jiangsu Province