

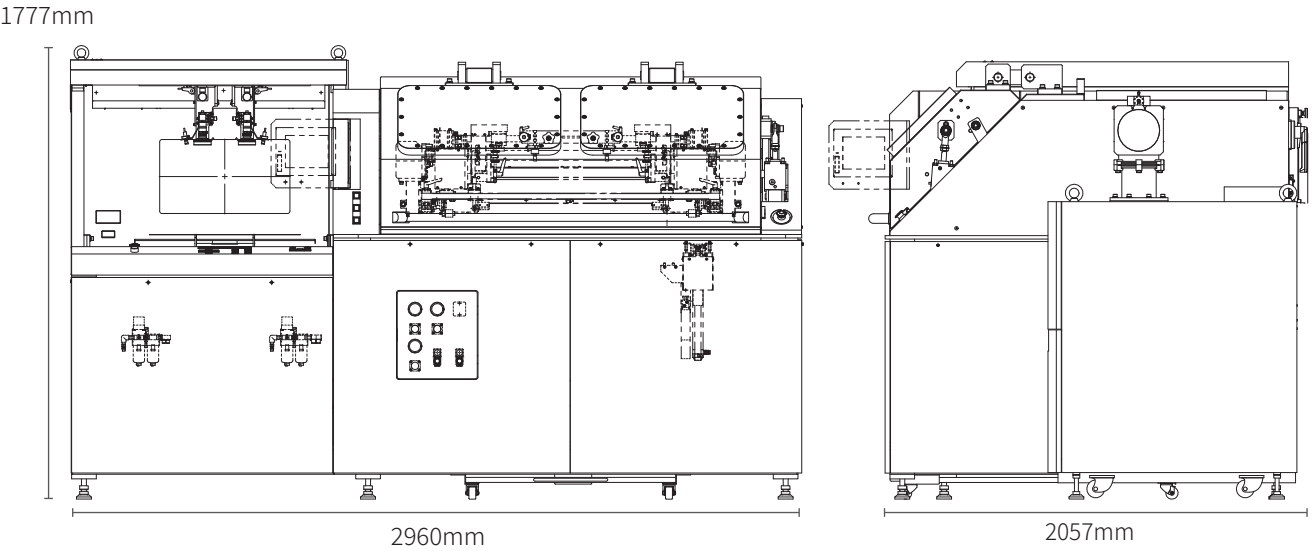
SVM-6151IP Specification

| SVM-6151IP            |                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------|
| Work Size             | 200×200 ~ 610×510 mm                                                                                       |
| Frame Size            | 1000×1100 mm (t25 ~ 30 mm)                                                                                 |
| SQ. Pressure          | 150 ~ 1200 N                                                                                               |
| SQ. Angle             | 65°~ 105°                                                                                                  |
| SQ. Speed             | 10.0 ~ 300.0 mm / sec                                                                                      |
| SQ. Stroke            | 750 mm                                                                                                     |
| Clearance Stroke      | 0 ~ 10 mm                                                                                                  |
| Print Table Size      | 730×730 mm                                                                                                 |
| Camera Quantity       | 2 Cameras                                                                                                  |
| Vacuum Pressure Level | 100 ~ 10000Pa                                                                                              |
| Lighting              | Ring Lighting (LED Lamp, White)                                                                            |
|                       |                                                                                                            |
| Machine Weight        | Approx. 3500 kg                                                                                            |
| Pass Line             | From Floor Level 1025.5 mm±30 mm                                                                           |
| Power Supply          | Body : 3 Phase 200V (50 / 60Hz) 4.4 kW 5.5 kVA<br>Vacuum Pumps : 3 Phase 200V (50 / 60Hz) 21.4 kW 28.4 kVA |
| Air Supply            | Drive : 100ℓ / min 0.5MPa<br>Purge : 100ℓ / min 0.5MPa                                                     |

SERIA

SVM-6151IP  
Semi Automatic Vacuum Printing Machine  
with Camera Alignment

SVM-6151IP



●Note●  
We reserve the right to make changes to the products described in this catalog without notice in order to improve their reliability, function, or design.  
We assume no responsibility whatsoever arising from the use of the products described herein other than as described in our safety and other precautions.  
The technical information described in this catalog is intended to explain the typical operation of the products, and does not guarantee or grant any license to any rights owned by us or any third party in the use of the products. Some of the photos in this catalog include special specifications. In addition, the specifications and photographs are current as of November 2024 and may be changed at a later date for improvement.

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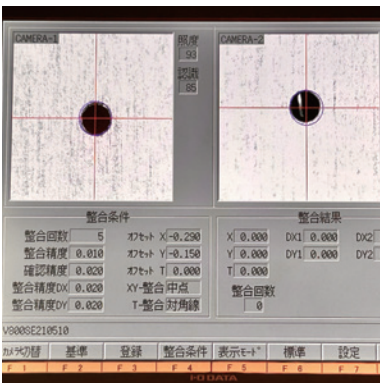
Overseas Dept. 4-21-19 BIJOGI TODA-SHI SAITAMA 335-0031 JAPAN TEL 81-48-449-8655

# Vacuum printer that achieves high accuracy and reliability

- Highly rigid frame structure and double squeegee enable void-free printing and ultra-high pressure printing.
- Supports filling small diameter, high aspect ratio, bottomed VIA holes for multi-layer boards, MLB, HDI, and FC-BGA, to provide stable quality.
- Suitable for various substrates such as glass (TGV), ceramics, and wafers.

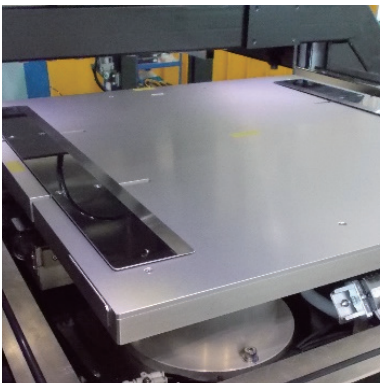
## Original image processing technology specialized for screen printing

- Unique algorithm enables alignment within 1 second
- Improved productivity through reduced setup time
- Mask function to detect only necessary marks



## Workpiece Clamp

- Mechanism for securely fixing the substrate



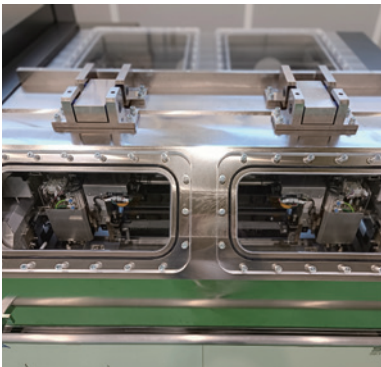
## Adjustable angle operation panel

- Operation possible from both the loading side and the chamber side



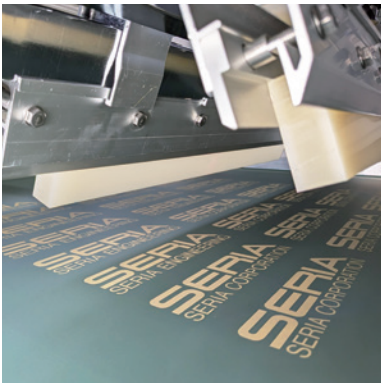
## Improved workability inside the vacuum chamber

- Power assist function for smooth door opening and closing
- Wide opening improves workability inside the chamber
- The printing status can be seen through the large window

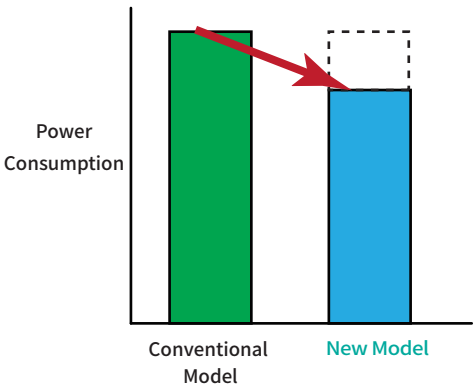


## Double squeegee included as standard

- Achieving faster tact time with a twin squeegee



## Power consumption reduced by approximately 20%



## Ultra-high pressure printing possible

- Highly rigid frame structure capable of withstanding 1200N
- Table structure also supports high printing pressure

