

A Semi-automatic Screen Printer With **High Performance**  
Loaded With Many Features.



- Max print area: 400×560 mm and 600×800m
- Single Phase
- Heavy Duty for Rugged Use
- Low Running Cost / Low Maintenance

- Easy to Operate
- Inbuilt Bed Vacuum
- Foot pedal operation
- Auto-mode/Semi auto mode/Preset mode



**Single Phase**

Note: Air compressor and screen cannot supplied along with machine

**SUDHARSHAN MACHINERY**

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# AIRPrint

Screen Height Adjustment

Stainless Steel  
Vaccum Bed

Hmi color display for  
The job counter  
and additional settings

Speed Control for  
Squeegee and Coater

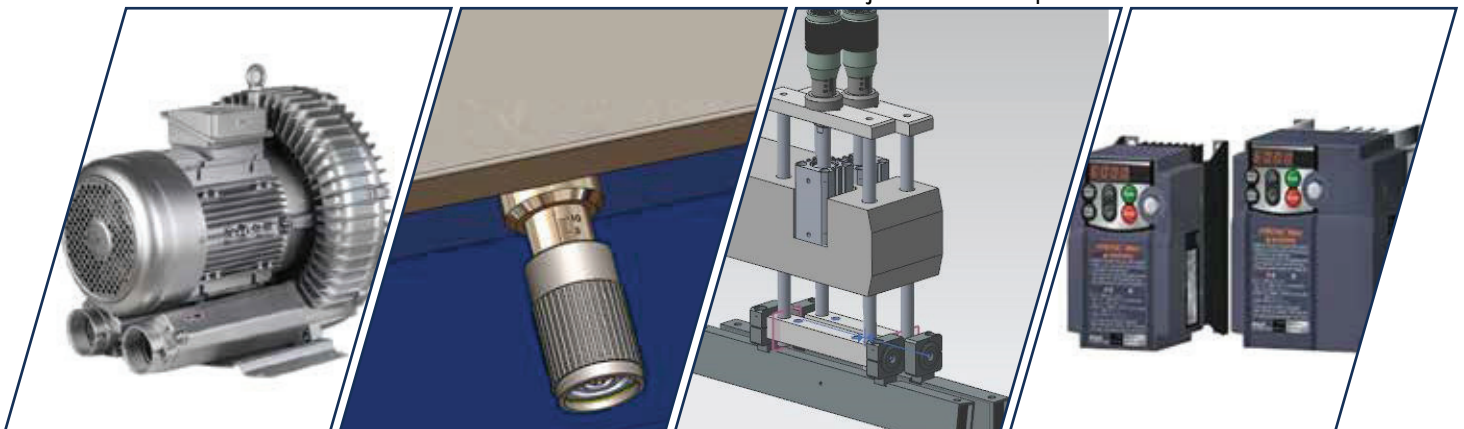


Imported vaccum  
blower for bed vacuum.

Bed  
Micro Movement

Squeegee  
And Coater Angle  
Adjustment Option

VFD  
Control



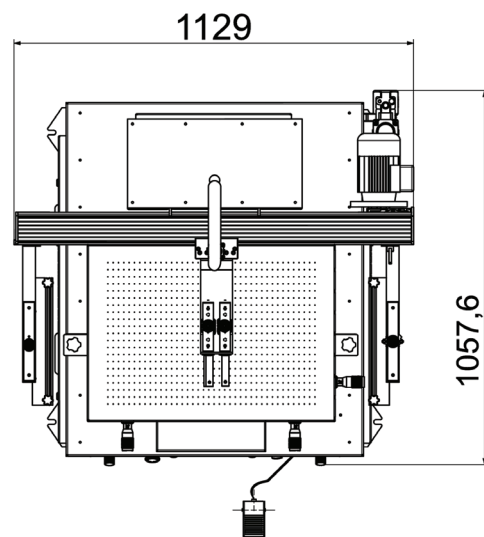
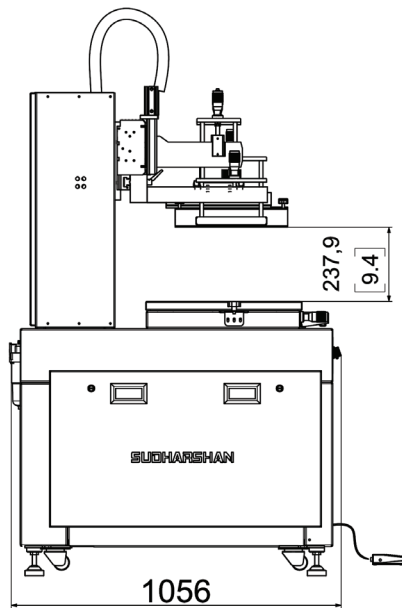
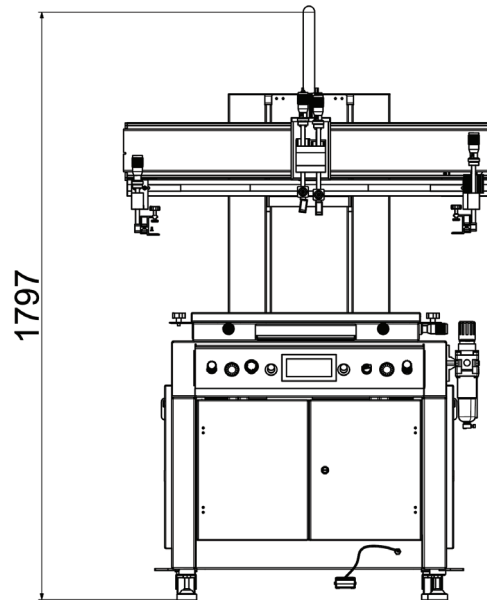
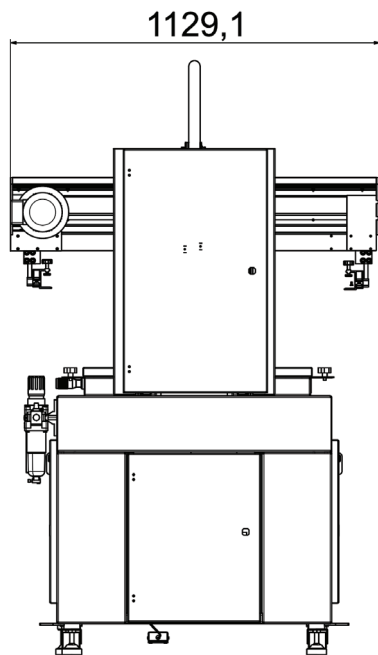
## Features

- **Innovative Design:** motorized driven screen vertical up down design, quick and silent stable motion.
- **Aluminum Extrusion Profile:** Aluminum alloyed extrusion formation structure, high strength with light weight, raise durability and accuracy to support heavy duty.
- **Convenient Adjustment:** screen frame holder is designed by active cantilever arm, light weight and strong structure, easy and fast adjusting movement.
- **Digitalized Control:** PLC control, versatile function, easy and quick operation.
- **Quick Operation:** HMI displays English language,

digitalized control achieves quick selection and setting.

- **Error Display:** LCD display malfunction and error message to guide explicitly trouble shooting.
- **Comprehensive Protection:** equipped with E-stop switch, safety bar, safety press plate and auto restoration stroke start point design, protect operator to reduce defective rate.
- **Option:** pneumatic registration pin / pop-up pin, dripless squeegee, light barrier protection.
- **Screen up down** adopts double guide rails structure to operate rapid stable motion.

Three point screen micro adjustment, table can be adjusted front/back/right/leftward direction to facilitates registration for multi-layer printing.



**Technical Features (Contd. ) :**

- Pneumatic print head carriage up down control, facilitates to exchange squeegee / flood coater / screen and ink cleaning.
- Equipped with peel-off function to avoid sticky mesh after printing.
- Incorporated multi-adjustment structure for squeegee / flood coater to adjust angle / depth/ pressing pressure.

Digitalized control touch-screen panel possesses versatile function and easy operation.

- Error message is displayed on touch-screen panel to guide quick trouble shooting.
- E-stop pressing plate and E-stop switch for safety protection

Note: Air compressor and screen cannot supplied along with machine

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# AIRPrint



Model	AirPrint 600/800	AirPrint 400/560
Substrate Thickness	0~25 mm	0.1~30mm
Max Productivity	570 P/H	700 P/H
Max Printing Area	500 × 750 mm	400×560mm
Max Frame O/D Size	800 × 1050 mm	700×950mm
Table Size	600 × 850 mm	500×700mm
Vacuum Hole Diameter	1.5mm	1.5mm
Peel-off Height	20mm	20mm
Table Micro-adjustment	±10mm ±10mm	±10mm ±10mm
Machine Weight	400 kg	325kg
Machine Dimension	1500 × 1300 × 1700 mm	1130×900×1700mm

Note : • Specification subject to change • Use stabiliser if power fluctuation is prevalent.

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