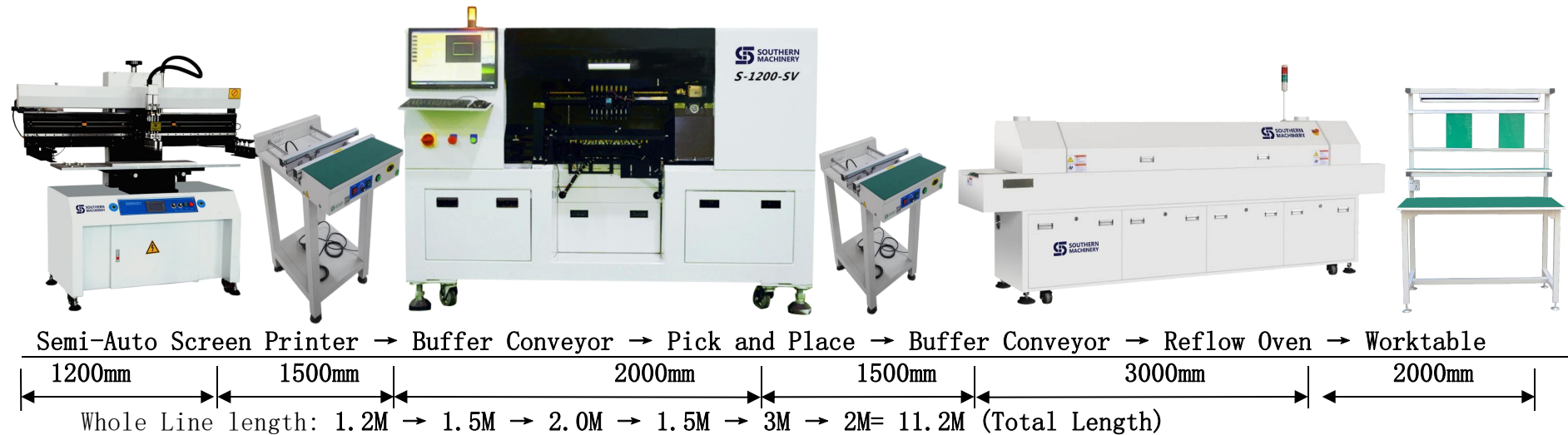


# S-1200SV High end LED Lamp SMT Line

- Semi-Auto Screen Printer
- Buffer Conveyor
- Pick and Place
- Buffer Conveyor
- Reflow Oven
- Work table



## S-1200SV High end LED Lamp SMT Line



Semi-Auto Screen Printer → Buffer Conveyor → Pick and Place → Buffer Conveyor → Reflow Oven → Worktable

*Total Man Power Required :	2 Worker
*Total Installed Power Required:	10 KW
*Capacity(20hours):	Fluorescent Lamp (5050-144chips), 2700 PCS LED Strip (3528-60chip/meter), 6500 meters

# 1. Semi-Auto Screen Printer SP-1200



- Adopts SMC rail and Panasonic speed control motor drive steel squeegee base to ensure printing steady
- The squeegee base can be uplifted 45° , easy to disassemble the squeegee and clean the screen
- The printing base can be move front and rear and fixed to ensure perfect printing effect
- The printing table has groove and location pin, suited for single and double-sided board production
- Adopts X.Y.Z axes to align the board by using arm (screen stencil) and printing table
- Microcomputer control, equipped with LCD, user friendly interference and with counting function.

## SPECIFICATIONS

PCB Size	350 X 1200mm
Printing Area	320 X 1270mm
PCB Fixed System	PCB Outer Or Pin Positioning
Frame Size	370X1320mm
Adjusting for table	Front
Printing Accuracy	±0.05mm
Repeating Accuracy	±0.02mm
PCB Thickness	0.2-2.0mm
Air Source	4-6kg
Power Supply	Single Phase 220V, 50/60Hz 100W
Dimension	1400*900*1650mm (L*W*H)
Net Weight	250KG

## 2. SMT Buffer Conveyor S-350E\*2 unit



- PCB Conveyor rail length: 1500mm
- Rail Fix mode: Front Fix (Option: Rear fix)
- PCB Conveyor direction: L→R (Or R→L)
- Control System: Relay Board (2 sensor without stopper)
- PCB Conveyor Height:  $900 \pm 20$  mm
- PCB Conveyor Width: 20-400mm
- PCB Conveyor Speed: 0-2M/min
- Available to communications with other devices by SMEMA signal plug
- Exact thread shaft structure to ensure the adjustment of rail Width parallel
- Used durable Anti-static belt with strengthen Aluminum Alloy rail to be reliable
- Power Consumption: Approx. 40W
- Power Supply: Single Phase 220V, 50HZ
- Weight: Approx. 70kg

## 3. Pick And Place S-1200-SV

### Machine Parameter

1. High-accuracy: Each of the 8 pick-up heads is equipped with a vision alignment camera to guarantee high accuracy (+-0.05mm)
2. With a SMEMA-compatible inline conveyor for line automation.
3. High-speed: Maximum placement speed reaching 0.1s/chip (50000CPH)
4. Places LED components from 0603 to 7474, including both standard and irregularly shaped LEDs.
5. Suitable for all LED lighting products. Assembles LED PCBs up to 4 Ft long in a single pass.
7. Excellent quality hardware support by using international famous brands ensure placement repeatability and precision.



Dimension :2000 (L) × 1150 (W) × 1400 (H) mm

PCB length : Max. 1200 mm

PCB width :Max.325mm

Accuracy : 0.1mm

Movement accuracy : 0.02mm

Speed : 50000 CPH

Power supply: AC220V , 50HZ

Power consumption : 2.0KW

Air pressure:0.55MPA

Positing:Visual identification mark

Weight :Approx.1250KG

## 4. Lead-Free Reflow Oven S-6600



- FEATURES

- ○ Complete for the lead free process
- ○ Adopt instrument control System and closed loop control for heating source of each zone.
- ○ Temperature control adopt circulation hot air heating mode for each zone;
- ○ Closed loop control for conveyor system, can go along steadily stepless rate-adjusting;
- ○ With over heating alarm function;

Dimension (L\*W\*H)mm : 3600x720x1250

Standard Color: Computer Grey

Weight: Approx.420KG

Number Of Heating Zones: Up6/Bottom6

Length Of Heating Zones: 2300mm

Number of Cooling Zones: 1

Length of Cooling Zones: 1

Exhaust Volume 10M<sup>3</sup>/minx2: Exhausts

Control System: Instruments

Computer: No (Optional)

Siemens PLC: Standard

Electric Supply Required: 3phase,380V 50/60Hz

Power For Warm Up : 15KW

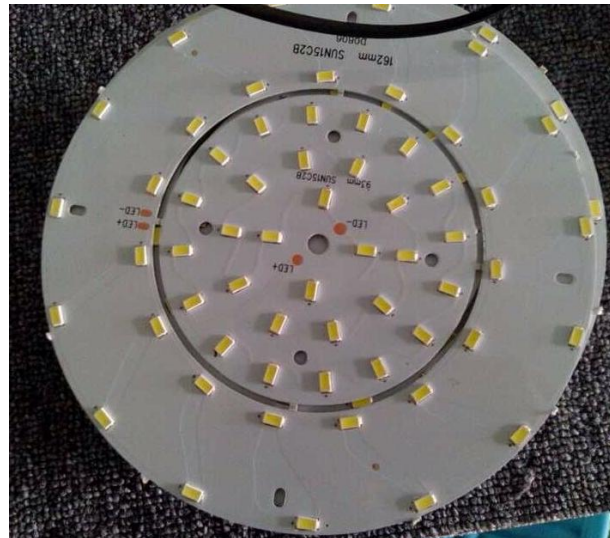
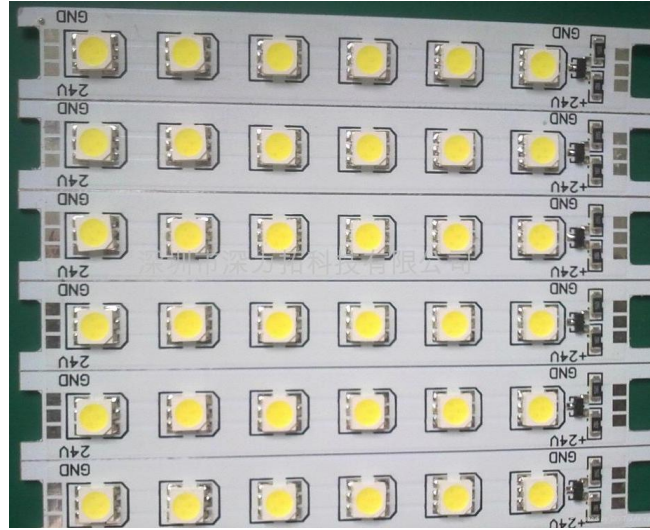
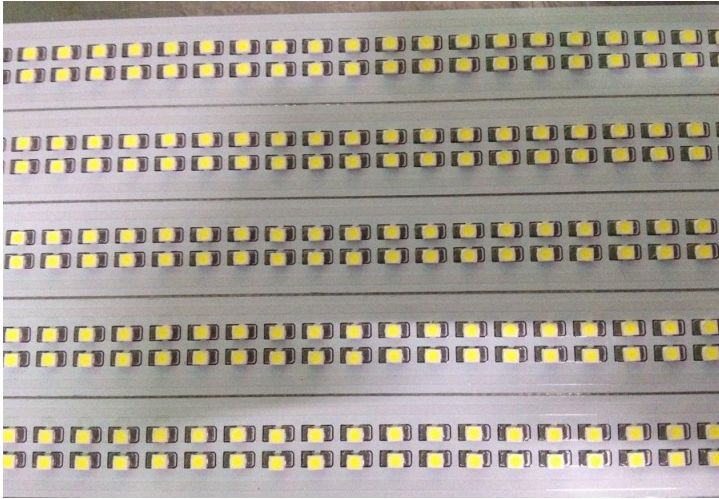
Power Consumption: 5KW

Warming Time: Approx.20 minute

Temp. Setting Range: Room Temp.-- 300°C

Cooling Method: Air fan

# SMD LED photo Sample



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