

1. Green lighting sources
2. Up to 80% energy saving
3. >40,000Hrs long lifespan
4. Minimum maintenance costs
5. Produce little Heat



Light source	Light efficiency (Lm/W)	CRI (Ra)	Average lifespan (H)
Incandescent bulb	8-15	100	1000
Halogen lamp	20-30	100	2000
Conventional fluorescent T8	50-70	70	10,000
Energy saving lamp/CFL	50-70	80-85	12,000
LED lamp	100-160	75-90	40,000

One Stop LED SMT Solutions

- **Semi-auto Screen Printer 1.2M SP-450 \$4600.00**
- **Buffer Conveyor 1.5M S-350C \$800.00**
- **Pick and Place 1.2M S-320A \$42000.00**
- **Conveyor 1.5M S-350C \$800.00**
- **Reflow Oven 6/6 zone S-6600 \$9000.00**
- **Conveyor 1.5M S-350C \$800.00**

**one SMT line
Total price:**

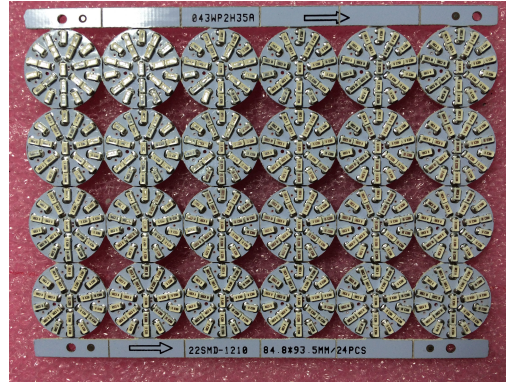
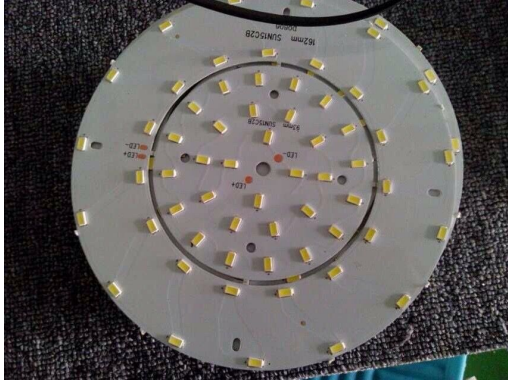
\$58000.00



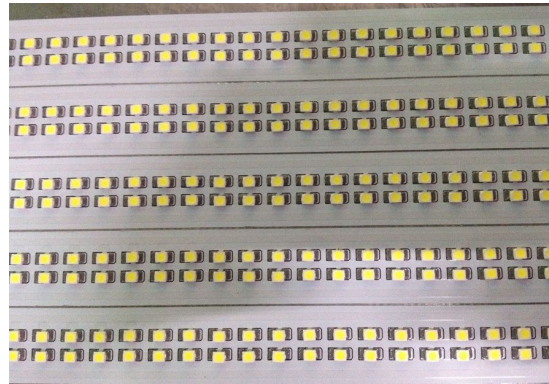
Semi-Auto Screen Printer → Buffer Conveyor → Pick and Place → Buffer Conveyor → Reflow Oven → Buffer Conveyor
 1500mm 1500mm 2650mm 1500mm 5400mm 1500mm

Whole Line length: 1.5M → 1.5M → 2.65M → 1.5M → 5.4M → 1.5M = 14.05M (Total Length)

Actual Throughput



LED Bulb:
25000 CPH
2500 Bulbs / Hour
(10 chips/Bulb)



LED Tube:
30000 CPH
500 tubes / Hour
(60 chips/tube)

Return of Investment

SMT Assembly earning **\$0.001** /chips
line throughput : **25000** Chips Per Hour

Profit(25000CPHx20Hx30D): **\$15K** per month

One line equipments Investment: **\$58K**
Monthly cost(consumption+salary): **\$10K**

ROI < **10** Months



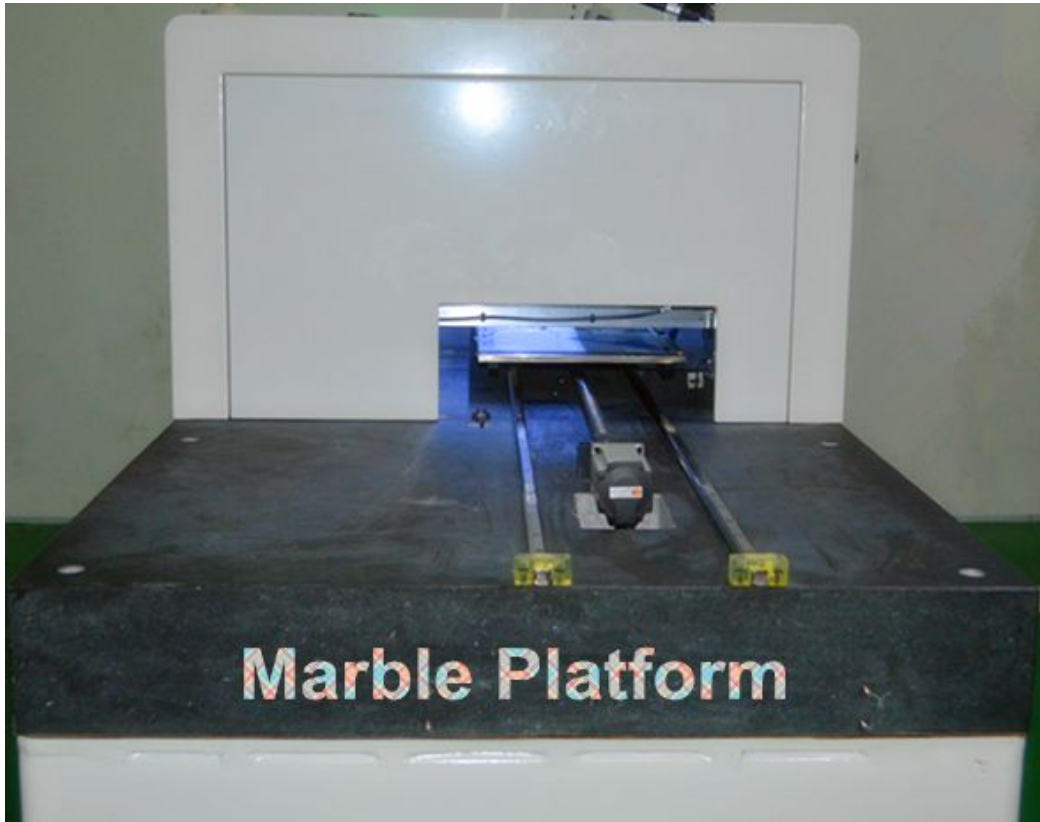


**SOUTHERN
MACHINERY**

Excellent Semi-Auto LED Mounter Marble Platform Series S-320A

Alignment		Vision System
Number of Spindles		6 Spindles x 1 Gantry
Placement Rate	LED Bulb	LED 5730 25,000 CPH
	LED Tube	LED 2835 33,000 CPH
Placement Accuracy	Chip & IC	±0.1mm (Based on the standard chips)
	Vision System	0603(inch)~<15mm IC
Component Range	Max Height	H=6mm
	Maximum	1200(L) x 310(W)
Board Dimension(mm)	PCB Thickness	0.5 - 3.0
	Feeder Capacity (Tape Feeder)	14
Utility	Power	AC 220V ±10% (50Hz, Single phase)
		Max 2.0KW
	Air Consumption	0.55MPa (5.50kgf/cm²)
Mass		Approx. 1500kg
External Dimension(mm)		2,000(L) x 970(D) x 1,350(H)

Marble Platform



1, Prevents deformation for at least 100 years

2, High accuracy

3, Stable for high speed

6 pick and place heads



1, 360-degree orientation.

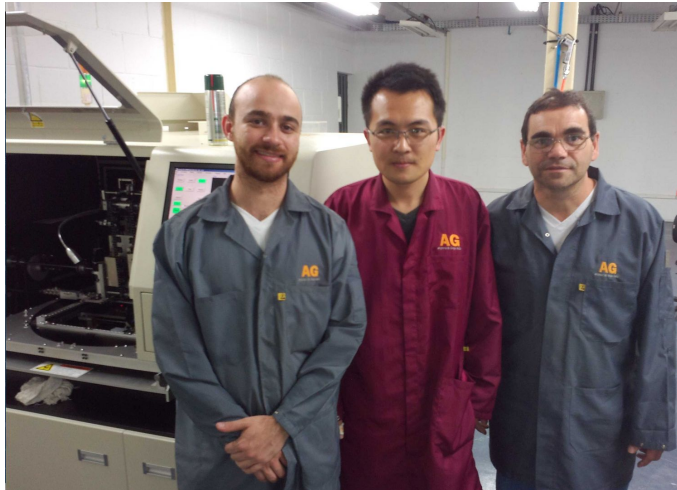
2, 14/ customized feeders.

3, Gang pick & Gang place available

4, Auto Vacuum detection

5, innovative visual recognition

Worldwide totally support



1, On site installation and training.

2, Machine Factory training.

3, LED SMT process training

4, 7x24 online service support



Customer in India



Welcome to visit:

ELCINA




Promoting Manufacturing & Business Expansion In Electronics & IT

Membership No. FRM-10

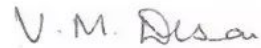
Membership Certificate

M/s **SHENZHEN SOUTHERN MACHINERY SALES AND SERVICE CO. LTD**

is a Foreign Member of **ELCINA**. The Company Joined Membership of the
Association on **11th January, 2016**



Secretary General



President

DATE : 21st January, 2016

ELECTRONIC INDUSTRIES ASSOCIATION OF INDIA
ELCINA HOUSE, 422 OKHLA INDUSTRIAL ESTATE
NEW DELHI – 110020, INDIA

Welcome inquiry

- 1, Please visit : www.smthelp.com
- 2, Find us more: <https://www.facebook.com/autoinsertion>
- 3, Know more our team: <https://cn.linkedin.com/in/smtsupplier>
- 4, Welcome to visit our factory in Shenzhen China
- 5, Look at machine running video: https://youtu.be/LdpOUo_1vLk
- 6, See more in Youtube: Auto+Insertion
7. Email: info@smthelp.com