

SMT production line solution

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Position: Sales Manager

Structure



4 Heads series

Model		S-D4-44FX	S-T4-44FX	S-D4-50F	S-T4-50F	S-DU400-42F	S-DU400-64F
Demision(cm)		114*90*90	90*114*134	114*90*90	90*114*134	131*136*134	
Weight(kg)		210	280	210	580	580	
Power supply		220V 50/60Hz					
Averge Power		600W					
Air Supply Requirement		oil water filter, ≥60L, dust filter and air pressure stabilizer etc.					
Vacuum Supply of nozzle		vacuum generator integratiing the high-spped vacuum burst function					
PCB size	W*L	350*260		350*190		510*450	
	Thickness	1-3mm					
Control system		Huawei Guochuang control system					
Control computer		indusrial control computer with intel high-performance processor					
Motor		AC Servo Motor series					
Driver		High-speed DSP driver					



Model	S-D4-44FX	S-T4-44FX	S-D4-50F	S-T4-50F	S-DU400-42F	S-DU400-64F
Independent placement head	4					
camera	Mark camera x1 , CCD x4 , High-precision camera x1					
Type of feeder	NXT,Yamaha,Vibration feeder(12、16、24、32、44mm), IC Tray					
Number of feeders	44	44	50	50	42	64
Applicable components	0201,0402,0603.0805,1206,diode,triode,SOT and QFP, BGA with lead pitch $\geq 0.3\text{mm}$ (subject to dimension of 40*40 mm and lead center distance 0.3mm) etc.					
Accuracy	Mounting	0.05mm				
	Positioning	0.01mm				
	Repeated	0.05mm				
Speed(CPH)	6000-7000				8000-11000	

6 Heads series

Model		S-T6-64F	S-6-64F
Demision(cm)		131*136*134	
Weight(kg)		438	
Power supply		220V 50/60Hz	
Averge Power		600W	
Air Supply Requirement		oil water filter, ≥60L, dust filter and air pressure stabilizer etc.	
Vacuum Supply of nozzle		vacuum generator integratiing the high-spped vacuum burst function	
PCB size	W*L	500*370	
	Thickness	1-3mm	
Control system		Huawei Guochuang control system	
Control computer		indusrial control computer with intel high-performance processor	
Motor		AC Servo Motor series	
Driver		High-speed DSP driver	



Model		S-T6-64F	S-6-64F
Independent placement head		6	
camera		Mark camera x1 , CCD x6 , High-precision camera x1	
Type of feeder		electric feeder, pneumatic feeder	Only supports pneumatic feeders
Number of feeders		64	
Applicable components		0201,0402,0603,0805,1206,diode,triode,SOT and QFP, BGA with lead pitch $\geq 0.3\text{mm}$ (subject to dimension of 40*40 mm and lead center distance 0.3mm) etc.	
Accuracy	Mounting	0.05mm	
	Positioning	0.01mm	
	Repeated	0.05mm	
Speed(CPH)		9000-10000	

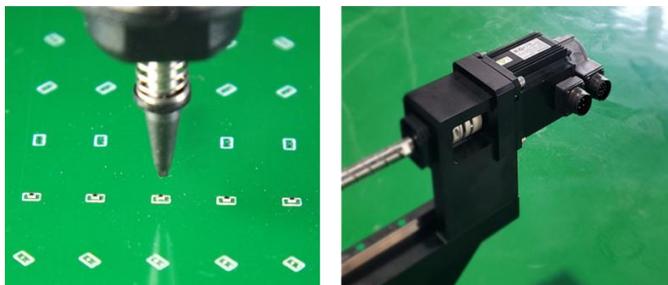
8 Heads series

Model		S-T8-72F	S-8-72F	S-T8-80F	S-DU800-86F	S-DU800-96F-EE	S-M-102F/87F
Demision(cm)		141*150*154			150*154*141		174*136*144
Weight(kg)		750		850			1300
Power supply		220V 50/60Hz					
Averge Power		800W					1500W
Air Supply Requirement		oil water filter, ≥60L, dust filter and air pressure stabilizer etc.					
Vacuum Supply of nozzle		vacuum generator integratiing the high-spped vacuum burst function					
PCB size	W*L	500*450	500*370	460*370	340*370		
	Thickness	1-3mm					
Control system		Huawei Guochuang control system					
Control computer		indusrial control computer with intel high-performance processor					
Motor		AC Servo Motor series					
Driver		High-speed DSP driver					



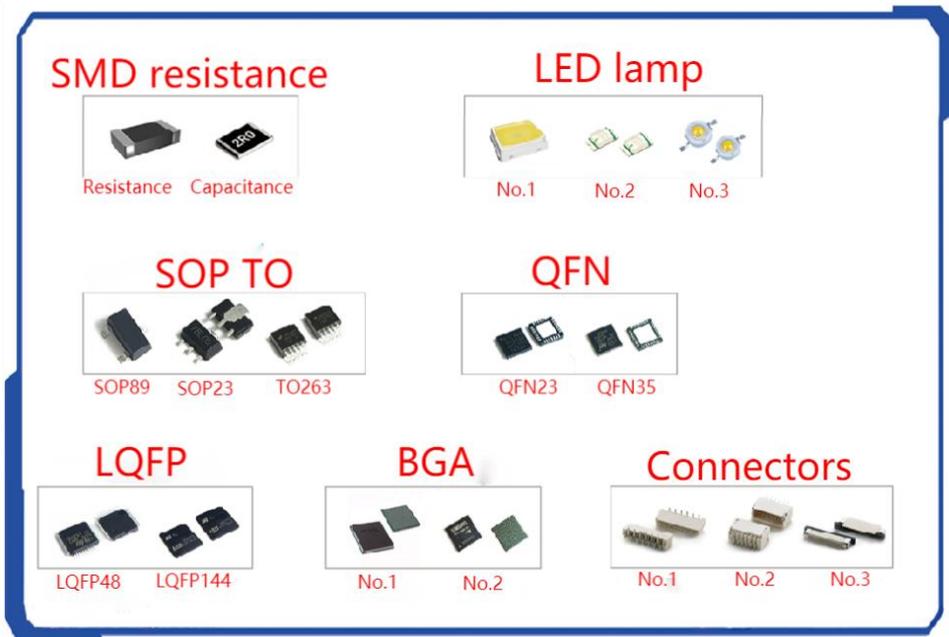
Model	S-T8-72F	S-8-72F	S-T8-80F	S-DU800-86F	S-DU800-96F-EE	S-M-102F/87F
Independent placement head	8					
camera	Mark camera x1 , CCD x8 , High-precision camera x1					Mark camera x2 , CCD x8 , High-precision camera x1
Type of feeder	NXT,Yamaha,Vibration feeder(12、16、24、32、44mm), IC Tray					
Number of feeders	72		80	86	96	102/87
Applicable components	0201 ,0402,0603.0805,1206,diode,triode,SOT and QFP, BGA with lead pitch $\geq 0.3\text{mm}$ (subject to dimension of 40*40 mm and lead center distance 0.3mm) etc.					
Accuracy	Mounting	0.05mm				
	Positioning	0.01mm				
	Repeated	0.05mm				
Speed(CPH)	10000-12000			12000-15000		22000-27000

Service



- Provide a **two years** equipment and accessories warranty.
- Provide **SMT process guidance** for free, **operation training**.

Performance



The minimum can be pasted to **0201** and is **very stable!**

Cost-effective

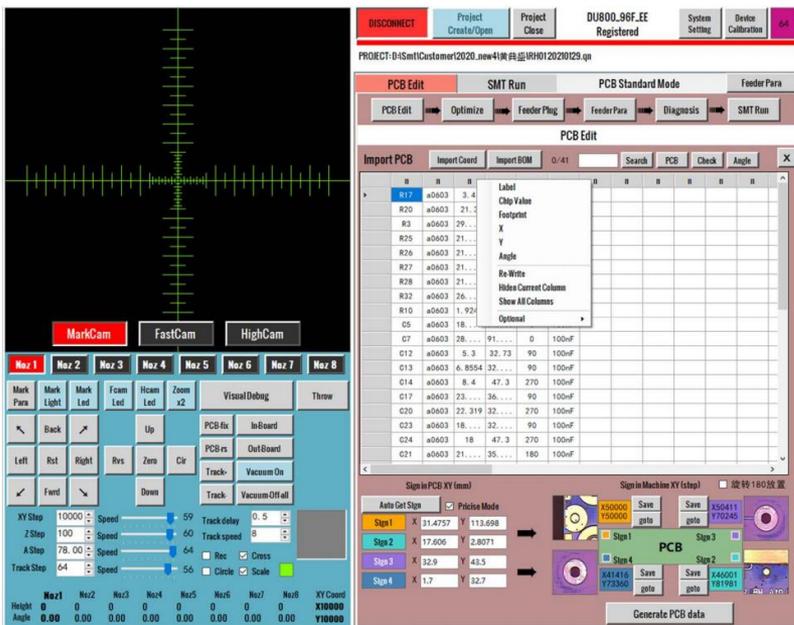
 SOUTHERN
MACHINERY
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\$ 11500

\$ 11200

The price is as low as **11500USD**

Program



● **Intelligent** Automatic assignment of mark points

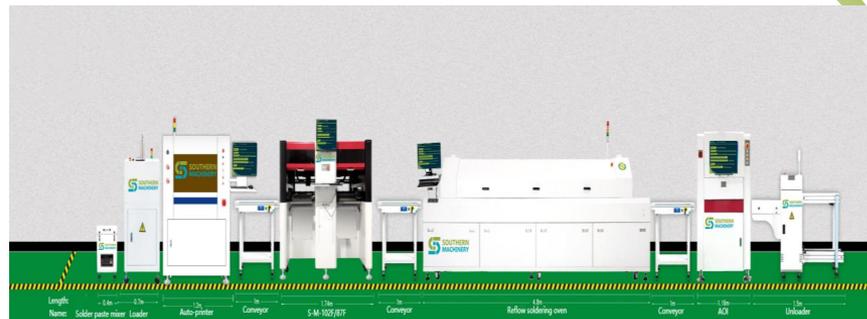
● **Convenient** Automatic creation of mounting program after manually importing the file of coordinates

● **Simple** One-click intelligent optimization of mounting program

Solutions



4 Spindle Production Line 8000-11000CPH



8 Spindle Production Line 25000CPH



8 Spindle + 4 Spindle Production Line 35000CPH

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Recommend solution for you



Model	Description	Cost(usd)
S-J500	Solder Paste Mixer	750
S-M100	Micro board loader	3500
S-QS4340	screen printing machine	15500
S-M-102F	8-head placement machine	39800
SDU400-64	4-head placement machine	22500
S-R816	8-zone reflow soldering oven	18500
S-J100	1M Conveyor no Lighting*4	2800
S- M8	AOI (inline)	31500
S-X100	PCB Unloader	3800
	Total feeder *100	24938
	Magazine (250mm)*10	300

163888

Throughput: **35000**CPH

Total Cost: **\$163888**

ROI: **<24** Months

(Profit: \$0.001 per placement
Working hour: 8 hour per day
Working day: 25 days per month)

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