

Equipment Catalogue

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sxae-102b

Fully Automatic Screen Printing Machine (servo printing machine)



It is designed for all shapes of glass bottles, cups, mugs. It is suitable to print any shape containers all around in 1 print.



Features:

Automatic loading system with multi axis servo robot.

Servo driven transfer system.

Automatic printing system with all servo driven: printing head, mesh frame, rotation, container up/down all driven by servo motors.

Multi sides printing in one process.

LED UV or electric UV system optional

Super quick and easy change over from one product to another.

All parameters automatic setting simply in touch screen. Product change is 15 minutes only per color.

Automatic unloading with servo robot.

Safety operation with CE.

Repeat print to be multi colors.

Options:

Additional module as per demand, to be multi colors production line.

Flame Plasma pre-treatment system for best adhesion on glass

Camera vision system, for cylindrical products without registration point.

型号 Model		SX-102-B	SX-102-B	SX-102-B	SX-102-B	SX-102-B	SX-102-B
印刷速度 Printing speed	圆形 Round 椭圆 Oval	3600 Pieces/hour 4200 Pieces/hour					
印刷面积 Printing size	圆形 Round 椭圆 Oval	直径 \varnothing 25-90mm, 高 Height 40-260mm 宽 Width 40-100mm, 高 Height 40-260mm					
压缩空气 Compressed air pressure		5-7 Bar					
煤气 Fuel gas pressure		1.5 Bar					
印刷色数 Printing colors		1	2	3	4	5	6
功率 Power	AC 380V, 3-Phase, 50Hz/60Hz;	6.5 Kw	13 Kw	19.5 Kw	26 Kw	32.5 Kw	39 Kw
机身尺寸 Machine dimension(mm)	长 Length 宽 Width 高 Height	1900 1000 1600	3800 1000 1600	5700 1000 1600	7600 1000 1600	9500 1000 1600	11400 1000 1600

sxae-102a :

Fully Automatic Multicolor Screen Printing Production Line



It is designed for multi-color cylindrical/elliptical/square/plastic glass bottles, cups, hard tubes at high production speeds. It is suitable for glass and plastic containers printing with UV ink. Need registration point for multi-color cylindrical bottle printing.



Features:

Automatic 1-6 color screen printing line, each unit can be separated or connected;
 Automatic loading system with belt and vacuum robot(bowl feeder and hopper optional)
 Auto flame treatment;
 Perfect transmission system. It passes over the bottles fast and smooth;
 Automatic 180 degree rotation for oval and square bottles;
 Quick and easy change over from one product to another;
 LED UV curing system with longer life time and energy saving, electric UV system optional;
 Reliable PLC control with touch screen display;
 Automatic unloading.
 the brand of main parts are Taiwan, France, Germany, USA and Japan to ensure the machine quality.
 Safety operation with CE

Producing procedure:

Auto loading onto belt—flame treatment—printing—UV drying — next color printing and drying—auto unloading

Parameters:

型号 Model		SX-102-A	SX-102-A	SX-102-A	SX-102-A	SX-102-A	SX-102-A
印刷速度 Printing speed	圆形 Round	3600 Pieces/hour					
	椭圆 Oval	4200 Pieces/hour					
印刷面积 Printing size	圆形 Round	直径 ϕ 25-90mm, 高 Height 40-260mm					
	椭圆 Oval	宽 Width 40-100mm, 高 Height 40-260mm					
压缩空气 Compressed air pressure		5-7 Bar					
煤气 Fuel gas pressure		1.5 Bar					
印刷色数 Printing colors		1	2	3	4	5	6
功率 Power	AC 380V, 3-Phase, 50Hz/60Hz;	6.5 Kw	13 Kw	19.5 Kw	26 Kw	32.5 Kw	39 Kw
机身尺寸 Machine dimension(mm)	长 Length	1900	3800	5700	7600	9500	11400
	宽 Width	1000	1000	1000	1000	1000	1000
	高 Height	1600	1600	1600	1600	1600	1600

sxae-103:

Fully Automatic Single Color Screen Printing Machine



It is mainly used for round surface item printing, such as plastic or metal bottle lids, tubes, cups. The innovative transmission system is very steady in passing the bottles, easy to shift between different types of bottles. Easy operation, fast and efficient printing.



Features:

1. Auto loading belt (hopper and elevator loading system optional, suitable for mascara, lipsticks etc) , special loading system as per buyer's demand.
2. Auto flame treatment
3. auto pre-registration to print products escape the molding line
4. Auto UV curing after printing.
5. high accuracy indexer
6. auto unloading belt
7. Safety machine closure with CE
8. PLC control, touch screen display

Parameters:

印刷速度 Printing speed	3600-4200 Pieces/hour
印刷尺寸 Printing size	直径 Φ 15- Φ 60mm, 长 Length 20-200mm
压缩空气压力 Compressed air pressure	6-8 Bar
液化气 LPG	1.5 Bar
机身尺寸 Machine size	L 2800*W 2600*H 2900mm
功率 Power	AC 380V, 3-Phase, 50Hz/60Hz, 3Kw

sxae-320:

**Fully Automatic CNC Controlled 3 Color Multifunctional
Screen Printing Machine**



The multifunctional rotary multicolor screen printing machine is common used for cylindrical products like bottles, jars, plastic and glass tube, cap, rubber tube, plywood, lipstick etc. It is easy operation, accurate register, highly automation, fast in printing and low maintenance.



Features:

1. Equipped with functions:

Vertical or horizontal loading and unloading,

Automatic rotation

Antistatic dust device,

Flame pre-treatment,

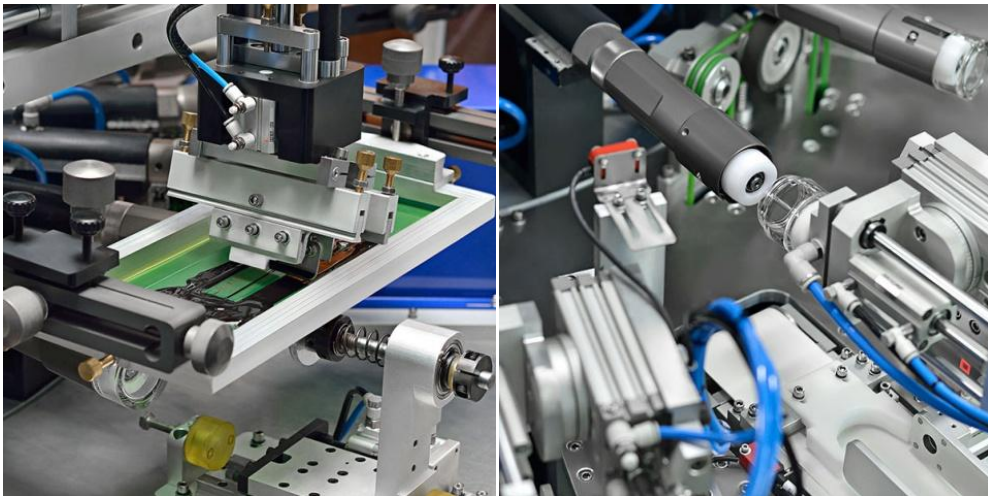
Automatic pre- and main register,

No article no print,

Optional UV, LED UV curing system or hot air drying, etc.

2. Optional different processing with hot stamping, labeling, heat transfer, and varnish etc.

3. the brand of main parts are Taiwan, France, Germany, USA and Japan to ensure the machine quality. Safety operation with CE



参数 Parameters:

印刷速度 Printing speed	2500-3600 Pieces/hour (depending on article shape, size and print image, infinitely adjustable)
印刷尺寸 Printing size	直径 Φ 20-90mm, 高 Height 25-220mm
压缩空气压力 Compressed air pressure	6-8 Bar
机身尺寸 Machine dimension	L 2200*W 3000*H 2400mm
功率 Power	AC 380V, 3-Phase, 50Hz/60Hz, 17Kw(conventional UV), 5Kw(LED UV)

sxae-412:

Fully Automatic CNC Controlled Multicolor Screen Printing And Hot Stamping Machine For Glass Containers (servo machine)



This multifunctional rotary multicolor screen printing machine is applied to print different pattern on cylindrical and oval objects such like wine glass bottle, liquor glass bottle, glass jars, glass tubes, cups, mugs etc.



Features:

1. Automatic loading system with multi axis servo robot.
2. Indexing table system with best accuracy.
3. Automatic printing system with all servo driven: printing head, mesh frame, rotation, container up/down all driven by servo motors.
4. All jigs with individual servo motor driven for rotation.
5. Quick and easy change over from one product to another. All parameters automatic setting simply in touch screen.
6. LED UV curing system with longer life time and energy saving.
7. Automatic unloading with servo robot.
8. Safety operation with CE.

Options:

1. The head can be replaced with hot stamping head, make multi-color screen printing and hot stamping in line.
2. Camera vision system, for cylindrical products without registration point, to escape the molding line.

参数 Parameters:

印刷速度 Printing speed	1800-2100 Pieces/hour (depending on article shape, size and print image, infinitely adjustable)
印刷面积 Printing area	直径 Φ 30-90mm, 高 Height 80-220mm
压缩空气压力 Compressed air pressure:	6-8 Bar
机身尺寸 Machine dimension	L 5400*W 5000*H 2400mm
功率 Power:	AC 380V, 3-Phase, 50Hz/60Hz, 23Kw(conventional UV), 5Kw(LED UV)

sxae-280:

Fully Automatic Chain-Type Screen Printing And Hot Stamping Machine For Glass And Plastic Objects



Application:

The machine is screen printing and hot stamping image, graphic on cylindrical glass or plastic objects such as wine glass bottle, liquor glass bottle, beverage glass bottle, glass tubes, other glass and plastic containers.



Features:

1. Using mechanical chain-style to transfer bottles. Simple structure, easy operation, low maintenance, accurate register, high automation, fast printing.
2. Mechanical register and visual mark register can be achieved. Color to color register accuracy.
3. Controlled by PLC and touch screen display, with kinds of monitor system to ensure the machine running stable and safe at high speed.
4. Equipped with functions, such as:
 Automatic horizontal loading and unloading;
 Automatic rotation for bottles
 Antistatic dust device;
 auto Flame treatment;
 Automatic pre- and main register;
 No article no print;
 UV or LED UV curing system.
5. Optional hot stamping or varnish with printing together.
6. the brand of main parts are Taiwan, France, Germany, USA and Japan to ensure the machine quality. Safety operation with CE

参数 Parameters:

印刷速度 Printing speed	1200 Pieces/hour (depending on article shape, size and print image, infinitely adjustable)
印刷面积 Printing area	直径 Φ 30-90mm, 高 Height 80-220mm
压缩空气压力 Compressed air pressure	6-8 Bar
机身尺寸 Machine dimension	L 3400*W 1200*H 2200mm
功率 Power	AC 380V, 3-Phase, 50Hz/60Hz, 6Kw(conventional UV), 3Kw(LED UV)

sxae-107 Fully Automatic Chain-Type Multicolor Screen Printing and Hot Stamping Machine:



It is designed for cylindrical caps, lipsticks or pen sleeves with screen printing and hot stamping. It is capable of printing multi color without color registration point.



Features:

- automatic loading belt
 - auto flame treatment
 - chain transmission
 - no product no print function
 - led UV curing system with longer life time and energy saving, electric UV system optional.
 - reliable PLC control with touch screen display
 - automatic unloading.
 - safety operation with CE standard
- screen printing head can be changed to hot stamping head to be hot stamping machine or screen and hot stamping machine.

参数 Parameters:

印刷速度 Printing speed:	3000 Pieces/hour
印刷尺寸 Printing size	瓶盖直径 Cap diameter Φ 15-34mm, 长 length 25-60mm
	瓶子直径 Bottle dia Φ 20-65 mm, 长 length 25-150 mm
压缩空气压力 Compressed air pressure	6-8 Bar
液化气 LPG	1.5 Bar
机身尺寸 Dimension:	L 2250*W 1360*H 2280mm
功率 Power	AC 380V, 3-Phase, 50Hz/60Hz

sxae-60C:

Fully Automatic Rotary Type Silk Screen Printing Machine (side printing)



Applications:

This automatic multifunctional rotary 1 color silk screen printing machine, is widely used to print various image/photos and words on the surface of cylinder objects, such as cans of cosmetic cream, lids, caps, aluminum oxidation lipstick tube, and etc.



Features:

Operator-friendly, easy operate and printing at high speed and productivity.

PLC controlled, huge touch screen HMI (human-machine interface), automatic vertical loading and unloading system, electrostatic dust removal, fixed position, pre-position, no product no print, LED curing.

Parameters:

印刷速度 Printing speed	2700 - 3000 PCS/Hr Depending on article shape, size and print image, infinitely adjustable
印刷图案尺寸 Printing Image Size	60*265mm
印刷工件尺寸 Max Size of Article	直径 Ø20-100mm, 高 Height 8-60mm
压缩空气压力 Compressed air pressure	6-8 bar
机身尺寸 Machine dimension	L1600*W1600*H2100mm
功率 Power	AC 380V, 3-phase, 50Hz/60Hz, 4Kw

sxae- 60P

Fully Automatic Rotary Type 1 Color Silk Screen Printing

Machine (Top printing)



Applications:

This automatic multifunctional rotary 1 color silk screen printing machine, is widely used to print various image/photos and words on the flat surface of cylinder objects, such as cans of cosmetic cream, lids, caps, aluminum cigarette case etc.



Features:

easy operate, printing at high speed and productivity.

PLC control, huge touch screen HMI (human-machine interface), automatic stand-up loading and unloading system, electrostatic dust extraction, fixed position, pre-position, no product no print, LED curing.

Parameters:

印刷速度 Printing speed	2700 - 3000 PCS/Hr Depending on article shape, size and print image, infinitely adjustable
印刷图案尺寸 Printing Image Size	80*160mm
印刷工件尺寸 Max Size of Article	120*220mm
压缩空气压力 Compressed air pressure	6-8 bar
机身尺寸 Machine dimension	L1400*W1350*H2100mm
功率 Power	AC 380V, 3-phase, 50Hz/60Hz, 4Kw