

Fully automatic screen printing machine (1-12 colors) for containers: SL1288-1C (12C)

1. Machine features: a great achievement of nearly 30 years of machine design experience. It integrates multiple functions such as incoming and outgoing materials, surface treatment, screen printing and UV curing. The linear combined module structure can realize an integrated production line of up to 12 colors. Precision design and manufacturing can realize electromechanical synchronization, perfect automation, simple and convenient man-machine dialogue operation, and a new appearance of incoming and outgoing materials and host safety protection, The machine is stable and fast, easy to transfer within different shape of containers, easy to operate and save manpower. The technology is in the leading position in China.

2. Applicable industries: cosmetic, daily chemical, food, pharmaceutical, health products, baby products, automotive supplies, cleaning supplies , alcohol, glass glue, toy, sporting goods and so on.

3. Scope of application: This machine is suitable for single color or multi-color screen printing on the surface of containers with various shapes such as round, oval, square, complex shapes etc. Container materials include plastic, glass and metal, etc. Containers include cans, bottles, cups, caps and hard tubes, etc.

4. Main functions: Speed transmission feeding function; Feeding direction selection function; Speed control stepper motor drive round bottle surface treatment function; Electrostatic dust removal function; Flame surface treatment function; Prepositioning function; Adjustable pressure charging function, automatic screen printing function; Electric printing head lifting function; Stepless dimming curing function (can be modified LED-UV); Manipulator discharge function; Discharging speed control conveying function.

5. Main Components:

Main reducer: Taiwan Chengtai

Joint bearings: Japan THK

Linear bearings: South Korea SAMIC

Frequency converter /PLC/touch screen/photoelectric switch: Japan Omron

UV Lamp: American JE

Press switch: Japan IDEC

Cylinder: Japan SMC or Taiwan AIRTIC

Solenoid valve: Japan SMC

6. Technical Specifications:

Machine running speed	0-85pcs/min (printing speed varies from bottles to bottles)
Product height	20-280mm
Round bottle diameter	20-100mm
Flat bottle radius	50-250mm
Flat bottle width	20-100mm
Maximum printing area	length 250* height 200mm
Gas supply	0.15mpa
Air pressure requires	6-7 BAR
Voltage requirement	3-phase 4-wire 380V 50/60Hz
Rated power	6KW

5. Optional configuration:

1. Screen printing and labeling machine

- a. screen printing and labeling head interchange function, such as 2 colors screen printing and labeling machine SL1288-2CT
- b. screen printing and labeling function, such as 1 color screen printing and labeling machine SL1288-1CT
- c. Labeling machine, such as two heads labeling machine SL1288-2T

2. Screen printing and hot stamping machine

- a. screen printing and hot stamping interchange function, such as 2 colors screen printing and hot stamping machine SL1288-2CH
- b. screen printing and hot stamping function, such as 1 color screen printing and hot stamping machine SL1288-1CH
- c. Hot stamping machine, such as two heads hot stamping machine SL1288-2H