

## Vertical Turndisc Cup Printer (SM-PP-80)

### 1. Introduction:

Automatic vertical turndisc cup printing machine is a new type of curved surface printing machine, mainly applicable to pet cups and curved surface products, choose to add material bin to prepare materials, the conveyor line stacking function on the material, automatic blowing type of material, and has a point counting function and the finished product collection table; easy to use, simple structure, easy to operate, speedily and save time, effort and cost; can be configured according to the needs of products.

Application industry: The equipment is mainly applied to the graphic printing on the surface of rubber/plastic/glass/metal articles for daily use products, colored cosmetics, food, medical treatment components, etc...

### Feature Introduction:

- 1- Touch screen + PLC compiled program control action.
- 2- Fully automatic design, visual automatic mode operation.
- 3- Pre-printing machine surface treatment method.
- 4- Diameter of 600 turndisc, 8 station rotating print.
- 5- Induction photoelectric sensor accurate positioning.
- 6- Automatic second drying device system processing after printing.
- 7- Equipped with upper and lower material strong bin, lower material automatic stacking and with point function.
- 8- The whole machine is equipped with a full set of yard cylinder components.

## Secondly, Machine Configuration Parameters

Configuration Name	Configuration Description	Remarks
Printing Speed	Monochrome 3000-3600 PCS	Depends on the products
Voltage	AC220V 50/60 Hz 5KW	-
Air Pressure	0.4 ~ 0.7 MPA	-
Mesh Frame Size	200*450	According to product size
Maximum Printing Diameter	110	-
Iron Part	Standard imported cold	Drawn steel
Aluminum parts	National Standard 6061	Aluminum alloy
Turndisc Rotation Method	Servo Motor Subtle	-
Rotating Meethod	Hollow Rotating Platform Joint Venture	-
Motor Speed	120 W, 60W, 40W	Taibang
Photoelectric sensor	Lloyd's Register, Keens, Everbright	According to costumer selection (Germany, Japan, Joint nenture)
PLC	PC4M - MC100EC	subtle
Control Panal	7-inch touch screen	subtle
Cylinder Components	Adeco Taiwan	-
Screws	Guide rails, sliders Shangyin, TBI Taiwan	
Pre treatment system	China	-
Dry fixing system	LED Joint venture	-
Loading and Unloading structure	Standard self design	*Made stacking system *Standard design Customized
Machine Size	1600*1400*1950 mm	-

## Introduction Of Machine Structure Picture:

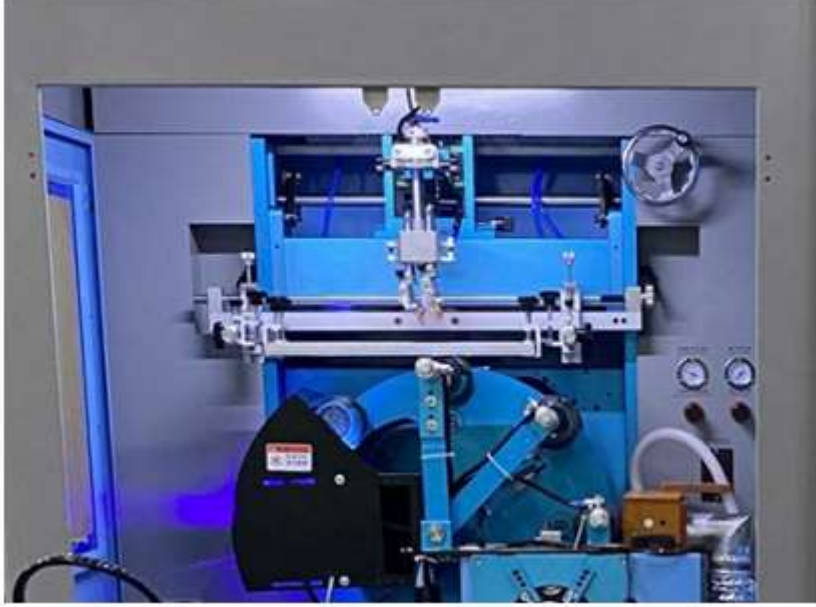
**Figure 1: Appearance of the whole Machine.**



**Figure 2: Smart Touch Screen**



**Figure 3: Screen Printing and LED dry area**



**Figure 4: Stacking and Pointing area**



**Figure 5: Loading and Unloading bin**



### **Printing Process:**

Material storage material, non-standard loading structure feeding, blowing type loading, pre-press treating machine, printing LED ink, LED curing after product printing, blowing type unloading, stacking, counting function and receiving bin.

### **Fourth; The Machine Operation Safety Performance:**

Vertical Curved screen printing machine is the latest pet cup printing machine equipped in accordance with the manufacturer's requirements for the use of the operation of method is absolutely trustworthy. The machine is equipped with an emergency switch: when an emergency is encountered, press emergency switch immediately power will be off. Return to the starting position, when the problem is dealt with and twist out the emergency switch, it can be safely started back to normal.

### **Five; Precautions:**

- (1) During moving and repairing machine, the power source must be off.
- (2) When adjusting or cleaning the oil scraper; please follow the steps.
- (3) Enhance the awareness of fire prevention and equip the place with fire fighting equipments.

## Six; Printined Products Pictures:



# Contact Information



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