



SKREEN SYSTEMS



SKREEN GRAPHIC SYSTEMS....

SKREEN SYSTEM
AUTOMATIC & SEMI AUTOMATIC
SPOT AND FULL UV PRESSES

Skreen Systems
technology supports
creativity and virtually
infinite expressiveness

Screen printing facilitates the printing of messages on virtually all materials except for water and air. Screen printing is widely applied in commercial printing that adds value to products such as packaging for cosmetics as well as in industrial printing for products including mobile phone displays, IC cards, and automotive instrument panels. As the world's premier brand, SKREEN fully automatic cylinder screen press boosts the productivity of screen printing.



SAUV-A SKREEN Automatic UV-A series is full automatic cylinder screen printing machine with high speed, high precision, its printing range is very wide, and suitable for soft materials varied from 120g/m² to 400g/m² (paper, white paperboard, printed paper and all kinds of adhesive sheets. This machine can meet various printing requirements, especially for color register like golden and silver in UV bogus metal ink. It is mainly used for decal printing on labels of china, glasses, ceramics, bikes, sewing machine, furniture, varnished equipments etc; it can also be used to print for soft paper boxes, paper cartons, advertisement pictures in packaging decoration.

This machine adopts frequency-converting speed-regulating, automatic testing in the whole process. The machine is conducted by PLC centralized control whose operation is very convenient, high sensitivity. So this machine is widely taken in account and welcome by the factories in the printing fields. The Machine is equipped with JAPANESE MITSUBISHI frequency converter.

1. Classical cylinder mechanism, cylinder step automatically to ensure the printing stock can be send accurately to the gripper of cylinder, which is up to extreme high precision, at the same time to the gripper of cylinder and pull side-lay both have the detect system for supervising if the printing stock is in correct place, which can reduce the wastage effectively.
2. Two cams separately control the movement of squeegee and ink- return blade, squeegee with the pneumatical pressure kept device, the printing graphics is more clear and the ink layer is more well- proportioned.
3. Main transmission and main parts lubricate automatically, prolong the using precision and machine life in effect.
4. The whole machine controlled by PLC, can choose touch screen for operating, which is very easy and high degree automatism.

Main Technical Specifications

Model	SKUV-A 720	SKUV-A 1020
Max. paper size	720 x 520mm ²	1020 x 720mm ²
Min. paper size	350 x 270mm ²	560 x 350mm ²
Max. printing size	720 x 500mm ²	1020 x 710mm ²
Size of Screen Frame	880 x 880mm ²	1280 x 1140mm ²
Paper thickness	108 – 400g/m ²	120–350g/m ²
Border	< 10mm	< 10mm
Printing speed	1000 - 3600pcs/h	1000-3000pcs/h
Power	FEEDER: 3P 380V 50Hz 7.58 KW UV DRYER: 3P 380V 50 Hz 18 KW STACKER: 3P 380V 50 Hz 0.82 KW	FEEDER: 3P 380V 50Hz 8.47KW UV DRYER: 3P 380V 50 Hz 18 KW STACKER: 3P 380V 50 Hz 1.2 KW
Total weight	FEEDER: 3500 Kg UV DRYER: 1100 Kg STACKER: 550 Kg	FEEDER: 5000 Kg UV DRYER: 1500 Kg STACKER: 750 Kg
Overall size	FEEDER: 4200x2400x1600 UV DRYER: 3200x1450x1200 STACKER: 1700x1250x1000	FEEDER: 4800x2800x1600 UV DRYER: 3200x1700x1200 STACKER: 2000x1600x1050



1. Paper load part
2. Lubricate automatically
3. Pull/push side guide
4. Pressure holder

Paper Feeding Part



Features :

The machine is equipped with Japanese MITSUBISHI frequency converter and PLC, which can control the operation of the machine. More than 90% of the electronic components are from famous manufacturers.

The Machine has 2 feed modes : universal and stream mode, the two modes can be switched differently depending upon the size of the printing sheet

The Screen Frame can be loaded and unloaded easily. The Delivery board can be turned down 90 degree as per the operators requirement.

UV DRYER

Model	UV-900	UV-1020
Max. Conveyor width	900	1150
Belt Speed (m/min)	10 ~ 50	10 ~ 50
Lamp Powe + Qty	5.6 x 3	5.6 x 3
Total Power	18.1KW	18.1KW
Total Weight	1000Kg	1200Kg
Exterior Dimension	2700 x 1430 x 1200mm	3200 x 1680 x 1280mm

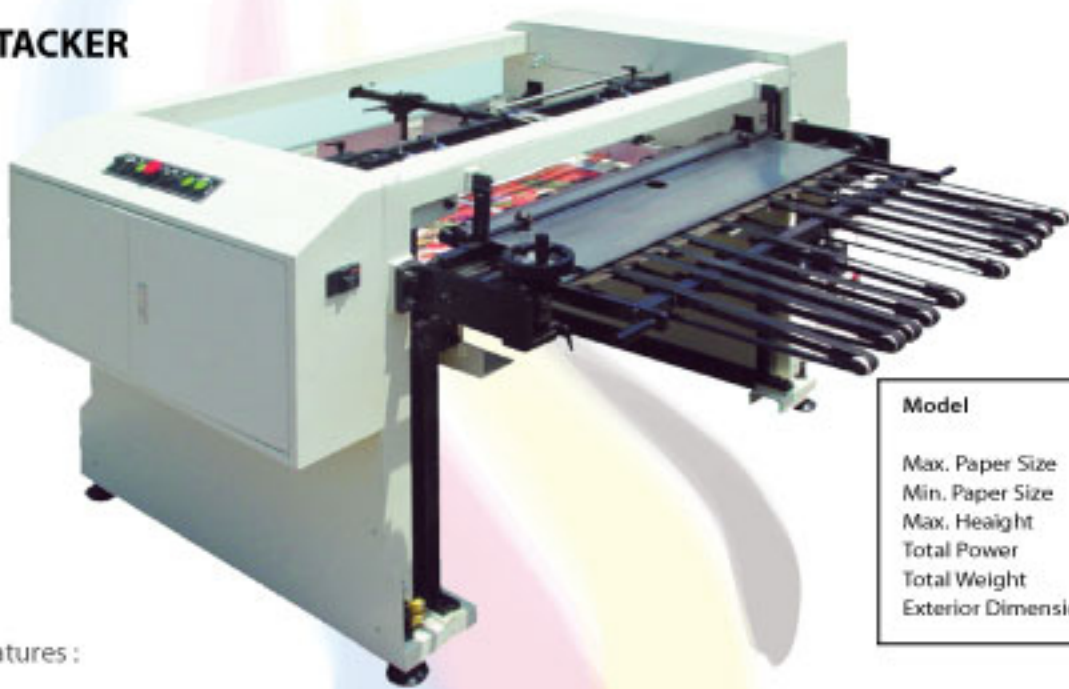


Features :

The dryer is widely used for drying UV ink printed on paper, PCB, PEC and nameplate of instrument printings etc. It uses special wavelength to solidify the UV ink. Through this reaction, it can give the printing surface high hardness, brightness, anti-abrusion and anti-solvent features. The conveying belt is made of TEFLON imported from American; it can endure high temperature, attrition and radiation. The steplessness speed-adjusting device makes driving more steadily. It can be available to many printing modes whatever handwork, semi-automatic and high-speed automatic printing.

Though two sets of air-blower system, the paper can adhere to the belt firmly; The machine can work in many modes: single-lamp, multi-lamps or half-power solidifying etc. which can save electric power and extend the lamps life. The machine has stretching device and automatic rectifying device. They can be adjusted easily.

STACKER



Model	ST-1020
Max. Paper Size	1020 x 740
Min. Paper Size	560 x 350
Max. Height	600
Total Power	1.2KW
Total Weight	800Kg
Exterior Dimension	2000 x 1860 x 1200mm

Features :

This machine is made up of input-bracket mechanism, pushing-paper mechanism, piling-board up-down mechanism and electric control system.

The pushing mechanism is drove by pneumatic cylinder. The position of the cylinder is adjusted easily, so as to suit for to different size paper. Piling-board up-down mechanism is drove by four synchro chains from electromagnetic motor. The board can be stopped accurately with a certain level; Electric control system is controlled by PLC. The system is convenient and safe.

Note: the air compressor is not provided; the cylinder working air pressure is 0.4MPa.

Semi Automatic Spot UV machine



SKREEN 700 [PUV-SM1000]

The machine is composed of printing part, take-off set machine and UV dryer. The Semi-automatic line which the printed paper is fed by hand, taken off automatically. After the printing is finished and the printing arm put up, the mechanism arm of take off set machine will extend into between the arm and the plane, suck and pull out the printed paper, then send it to next working procedure (Drying, solidify or collection). It not only saves time, but also improves the using efficiency of the machine instead of manual process. It's fit for the flexible material, such as paper product.

Printing Unit

The machine is designed for aiming at the hard distortion printing product, the printing scope is very widely and can be used for screen printing of many plane bodies, such as paper, plastic, glass, ceramics, metal, textile and leather etc, especially for the printing of electronic field PCB, soft PCB, PCB liquid state sensitization glue, SMT tin cream.

Technical Specifications:

Model	: SKREEN 500 PUV-SM700	SKREEN 700 PUV-SM1000
Maximum Printing Dimension (mm)	: 500 x 700	700 x 1020
Maximum Screen Frame Dimension (mm)	: 800 x 1080	1000 x 1580
Table Dimension (mm)	: 600 x 900mm	800 x 1400
Maximum Printing Speed (times/hr)	: 1200	900
Over Print Precision (mm)	: < + - 0.10	< + - 0.10
Paper Thickness (mm)	: ~ 40	~ 40
Instant Snap-off Height (mm)	: 0 ~ 20	0 ~ 20
Power (KW)	: 380V 2.45KW [15KW]	380V 4.9KW [17KW]
Total Weight (Kg)	: 600	900
Over all Dimension	: 1500 x 1080 x 1700	2000 x 1280 x 1700

Take Off Set :

Automatic take-off set of semi-automatic screen printing press are used together, the finished products are caught up and taken out from the printing plate by manipulator and suction mouth, and delivery to next process (drying or solidifying or collecting).It can not only save the manpower, but also improve the using efficiency of the semi-automatic machine. Width of the machine is 700mm which consists of suction mouth from 950~1000mm with a nominal weight of 350Kg and Dimensions as : 2100 x 1100 x 1100mm.

UV Dryer :

UV Dryer is used with the screen printing machine and the offset printing machine, curing any kind of screen printing ink. It's used in the process of drying, dehumidifying and solidifying for the field of screen printing, printing and dyeing, plating, electron plugboard and etc. Width of the machine is 800mm which consists of 2 UV Lamps each with a power of 5.6Kw X 2 with a nominal weight of 550Kg and Dimensions as : 2100 x 1050 x 1200mm.



AGENT :

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