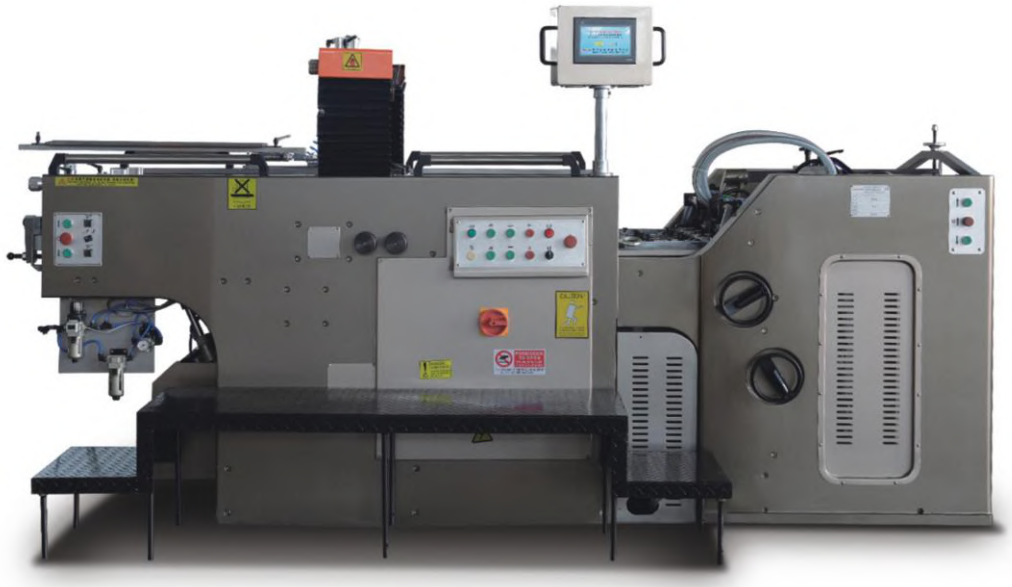
SHANGHAI EX.EXPORT INTERNATIONAL INDUSTRY CO., LTD

Full Automatic Stop Cylinder Screen Press

EX-A Series Full Automatic Stop Cylinder Screen Press adopts the classical stop cylinder technology with the **advantages** such as: paper located exactly and steadily, high precision, high speed, low noise, high degree automatization and so on, it is suitable for printing on ceramic and glass applique, electron industry (film switch, flexible circuitry, meter panel, mobile telephone), advertisement, packing and printing, brand, textile transfer, special technics etc.

Which is the newest product of flat feed cylinder screen press.



Main technical Parameter

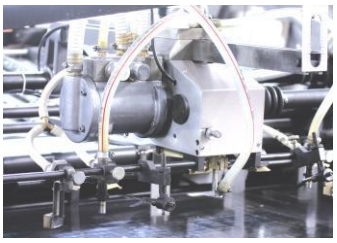
	EX-720A	EX-800A	EX-1020A
Max. paper size	720×520 ㎜²	820×600 ㎜²	1020×720 ㎜²
Min. paper size	350×270 ㎜²	350×270 ㎜²	560×350 ㎜²
Max. printing size	720×500 ㎜²	800×590 ㎜²	1020×710 ㎜²
Frame size	880×880㎜	1070×1070㎜	1140×1280㎜
Paper thickness	108～400 g/㎡		
Border	≤ 10 ㎜		
Printing speed	1000-3600pcs/h	1000-3300pcs/h	1000-3000pcs/h
Power	3P 380V 50Hz 8.89KW	3P 380V 50Hz 8.89KW	3P 380V 50Hz 14.64KW
Total weight	3500 kg	4000 kg	5500 kg
Overall size	4050×2240×1680 ㎜³	4350×2580×1680 ㎜³	4650×2800×1680 ㎜³

***1** Depends on the material hardness

***2** Depends on the kind of printing substrayes and printing conditions, figures may be changed

Standard Equipment installed

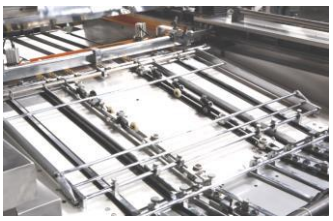
Rear pick-up feeder
Pull/push convertible side lays (with detecting sensor)
Cylinder built-in front lay sensor
Side lay sensor
Double sheet detector
Screen frame pneumatic lock clamp
Temporary stop quick adjustment device
Sanction feed belt
Delivery board lowering system
Squeegee printing pressure kept device
Automatic lubricate device



Remarkable Features

1. Feeder

The original rear pick-up feeder technology taken from the offset Press, ensures stable and smooth feeding of various types of substrates. Dependant on the substrate, overlapped (stream) or single sheet (universal) fed can be selected easily. A front pick-up feeder is also available and can be used for stable feeding of film and other substrates.

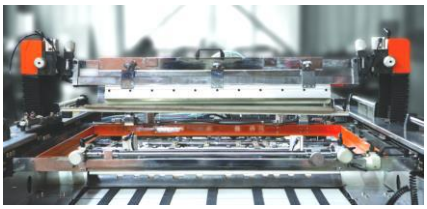


2. Feed board

The vaccum absorb is assembled in the bottom of the feed board, matching with the push and press paper construction, insure various materials all can be delivered smoothly.

3. Cylinder and registration system

Cylinder stops step automatically to ensure the forehead of the printing stock can be sent accurately to the gripper of cylinder, which is up to extreme high precision; at the same time, gripper of cylinder and pull side-lay both have sensors for supervising if the printing stock is in correct place. The vacuum cylinder with +/- 0.01mm accuracy across the cylinder surface, a large cylinder shaft and specially made high precision bearings ensure the highest quality printing at higher speed.

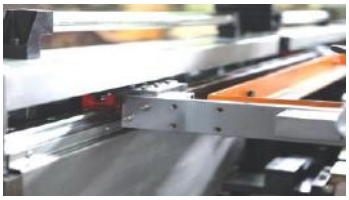


4. Squeegee system

Squeegee and ink return bladeare driven by individual cams and a two-step action cam helps reduce the squeegee shock onto the screen mesh; Due to the positive down cam action, the printing pressure is evenly applied to the cylinder continuously, squeegee with the pneumatically pressure kept device, resulting in sharp dot reproduction, the printing graphics is more clearly and the ink layer is more well-proportioned.

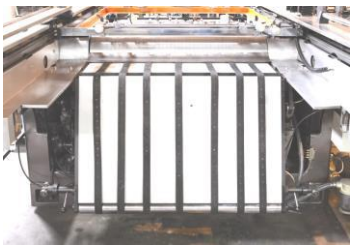
5. Frame circulate railway

Imported beeline guide and ball bearing, reduce the shake and noisy when the whole machine is working under high speed, insure the stability of printing.



6. Delivery board

The delivery board can be overturned up to 90degree to allow easy access to the screen mesh for cleaning and adjusting the frame, installing the blade; along with the vacuum adsorption, insure collection smoothly.



7、Screen Frame System

The screen frame rack can be pulled out, which is easy for adjusting the register or feeding, as well as cleaning the cylinder and screen frame; at the same time, it is assembled with device to hold the ink dropped to avoid the ink drops on the cylinder.