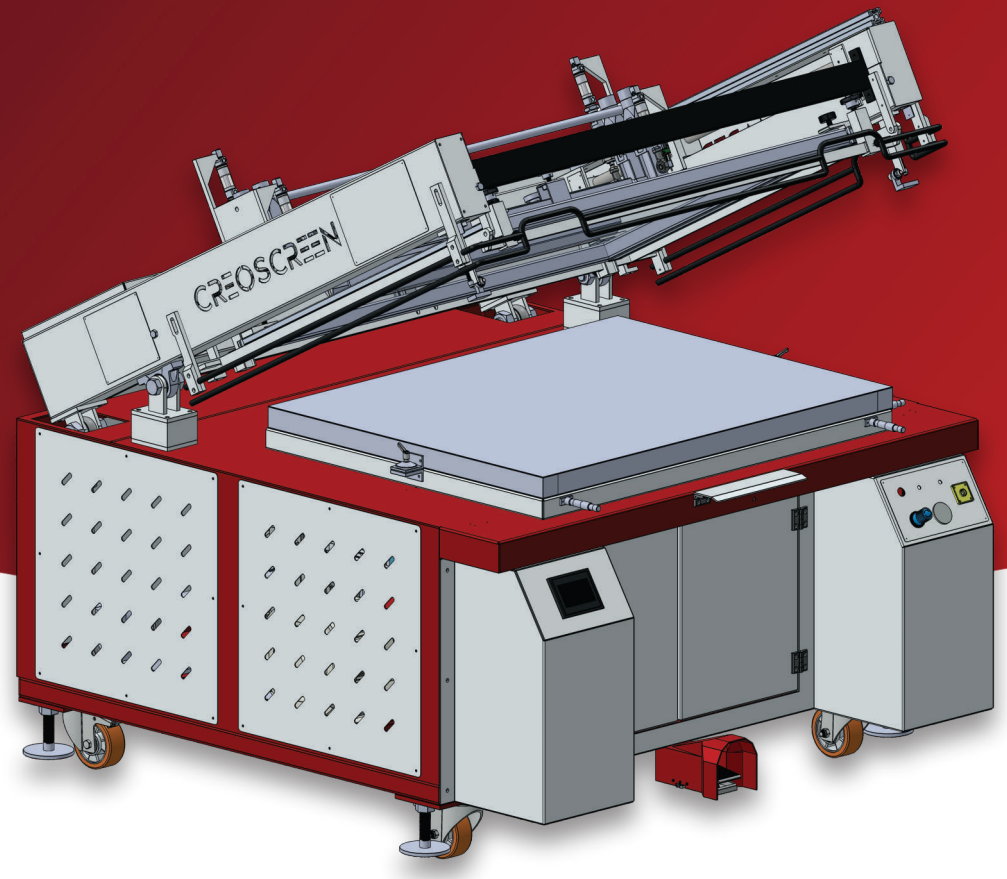
CREOSCREEN

SMARTPRINT™



STANDARD FEATURES:

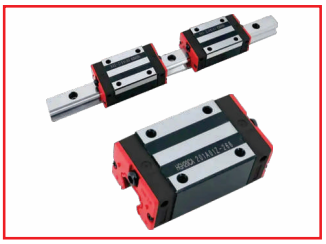
- Pneumatically operated fully adjustable squeeze and flood have synchronized vertical movement. Squeeze pressure and angel is fully adjustable. Perfect print result with accurate squeeze pressure for uniform deposit across the entire printing area. Calibrated air pressure regulator unit with meter.
- Adjustable squeeze & flood stroke via two sliding sensors Located on top of the machine allow an easy and quick adjustment for squeeze & flood stroke length.
- Adjustable squeeze & flood speed via ac geared motor (pre-lubricated) coupled with ac frequency inverter (sensor Less vector control inverter to maintain constant torque and constant speed). This system offers the possibility of infinite variable and independent print and flood speeds
- Honey comb vacuum bed heavy duty with stainless steel top perfectly flat and rigid vacuum base.
- Micro registration for printing table, micrometer assure accuracy with 3-point control to easily and quickly adjust to copy registration.
- Heavy duty extruded squeeze holder gives equal pressure ensures even ink thickness all over the printing area.
- Squeeze pressure equalizer for perfect print result & accurate repeatable ink deposit can be achieved by a pneumatic squeeze pressure equalizer. This device which uses pneumatic pressure to equalize squeeze pressure along the squeeze rubber.
- Special aluminum extruded flood bar designed to give good ink release all over the screen. This helps reduce ink thickness and increase the quality of fine-lines and halftone printing.
- Heavy duty and durable construction ensures vibration free operation and accurate printing at full production speed adjustable peel off system with variable timer ensures good & sharp print results.
- Two print cycles i.e. Print and flood or flood and print.
- Cycle counter to check the print runs with reset option.
- Independent motors for vacuum & printing.
- Adjustable squeeze skew angle.
- Safety bar with emergency stop

COMPARE THIS HIGH-TECH FEATURE TO THE COMPETITION WHICH IS INTRODUCED FOR THE FIRST TIME

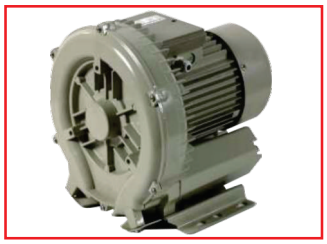
- Touch Screen interface.
- Multiple printing strokes with flood without flood. This feature allows operator to program the cycle for printing more than one time on same object with flood or without flooding screen with ink after every print cycle. Print cycle is programmable from 1 to 9.
- Flood options this feature allows operator to program flood option i.e. flood screen after every three print cycle or not to flood the screen after three print.

TECHNICAL SPECIFICATION

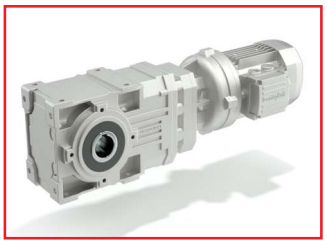
SMARTPRINT	20 x 30	30 x 40
Max Print Area	20x30" (50x75 cm)	30x40" (75x102 cm)
Screen Frame Size Max.	Max. 36x46" OD, (90x115cm)	Max. 46x56" OD, (115x142cm)
Screen Frame Size Min.	Min. 20x22" OD,Min. (50x55cm)	Min. 34x40" OD, Min. (86x102cm)
Screen Frame Thickness	1.5"-1.5"	1.5"-1.5"
Vacuum Table Size (mm)	1180 x 930	1180 x 1420
Bed Movement	± 10mm	± 10mm
Printable Object Thickness	0~20 mm	0~20 mm
Cycle Speed (Non-Stop)	800/Hour	600/Hour
Compressed Air	Max.6 kg/cm , 95 Lit/Min.	Max.6 kg/cm , 95 Lit/Min.
Power Supply	208-230 V AC/16Amps/1 Ph/50Hz	208-230 V AC/32Amps/1 Ph/50Hz
Power Consumption	3HP/2.3kW	3HP/2.3kW
Dimensions (LxWxH) in Inch	68" x 65" x 57"	71 x 76x 59



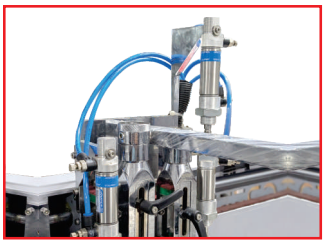
Precision Guide Rail



Compact Powerful Vacuum Blower

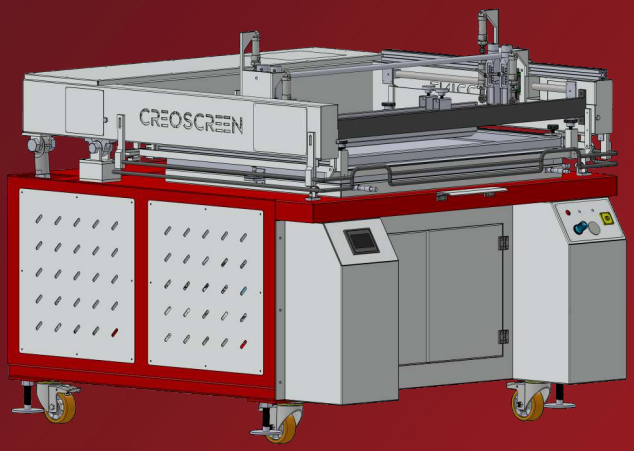


High Quality AC Geared Motor



Pneumatic Squeeze Pressure

SMARTPRINT™





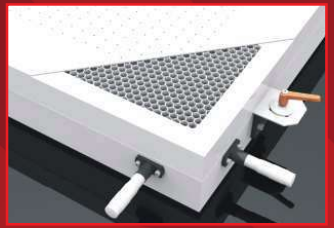
PLC (Programable Logic Controller)



VFD (Variable Frequency Drive) For Precise Speed Control



Touch Screen Human Machine Interface (HMI)



Sturdy, Light Weight Honey Comb Vacuum Bed With Stainless Steel Top And Precision Micrometer To Get Accurate Registration

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