



Installations all over the World



SCREEN PRINTING MACHINES



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FULLY AUTOMATIC SCREEN PRINTING MACHINE

APL FAS series is fully auto screen printing press. It is available in swing cylinder and stop cylinder variants, it is kind of auto flat screen press with high speed & precision, skillfully manufactured reasonably structure & equipped with speed print & paper feeding.

It is suitable for printing on 120-400gsm substrate. The frequency control of motor speed is monitored & controlled, automatically with easy operation & high sensitivity. Only one person is needed to operate the press.

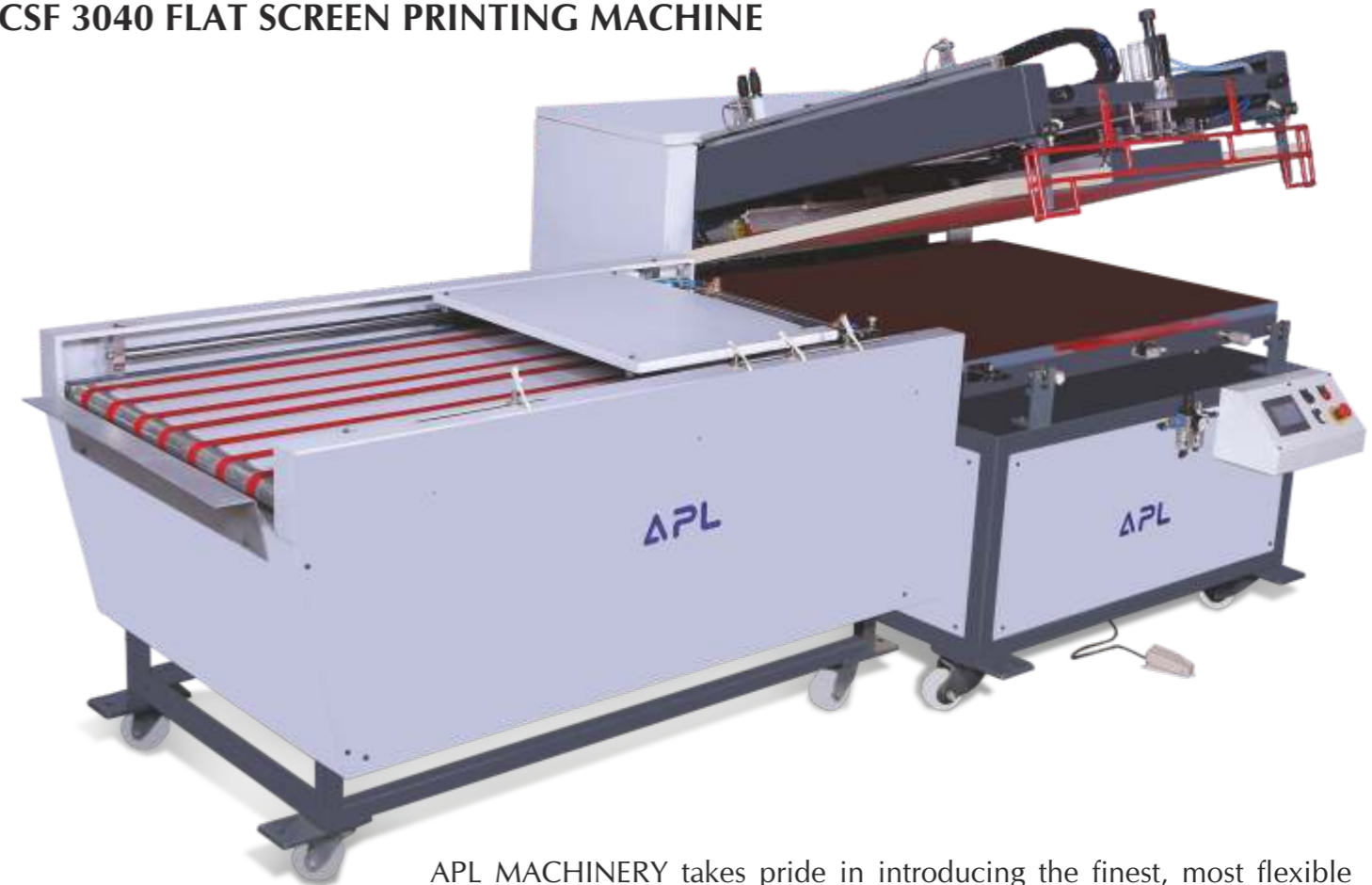


TECHNICAL SPECIFICATION

Model	FAS-2030	FAS-3040
MAX PRINT SIZE	760 X 520 MM	1000X 680 MM
MIN PAPER SIZE	350 X 270 MM	480 X 270 MM
MAX PAPER SIZE	780 X 540 MM	1020X 700 MM
BORDER	< 15MM	< 15MM
PAPER THICKNESS	100-350 GSM	100-350 GSM
PALLET SIZE	940 X 940 MM	1280 X 1140MM
MAX PRINT AREA	1000-3600 S/H	1000-3600 S/H
WEIGHT (APPX.)	3500 KG	4100 KG
VOLTAGE	8 KW	9 KW
DIMENSION(APPROX)	3050 X 1470 X 1280 MM	3150 X 1680 X 1300 MM

SEMI AUTOMATIC SCREEN PRINTING MACHINE

CSF 3040 FLAT SCREEN PRINTING MACHINE



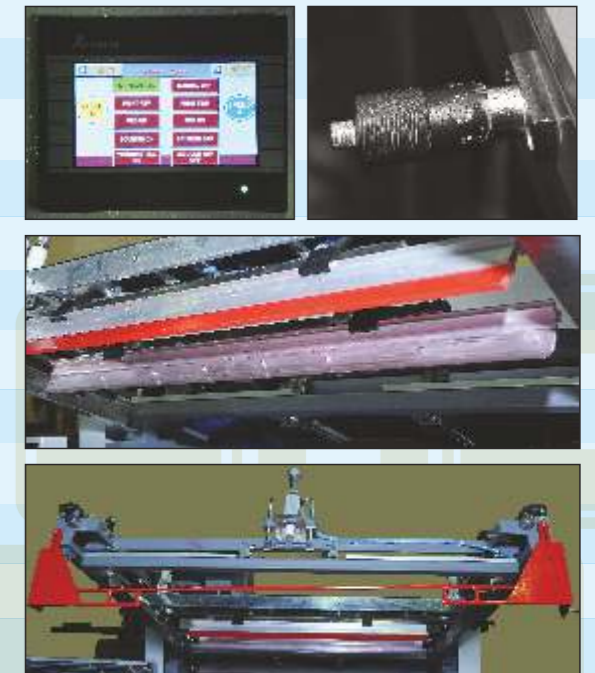
APL MACHINERY takes pride in introducing the finest, most flexible range of trouble free flatbed screen printing machine. "CSF 3040" is easy to set up, easy to control, heavy duty and durable construction gives maximum stability at full production speed with high quality prints.

TECHNICAL SPECIFICATION

MAX. PRINT AREA	30 X 40
VACCUM BED MOVEMENT	± 10 mm
SCREEN FRAME SIZE (MAX)	51" x 46"
SCREEN FRAME SIZE (MIN)	34" x 30"
SQUEEZE SIZE(MAX)	41.5"
SQUEEZE SIZE(MIN)	21.5"
FLOOD COATER(MAX)	41.5"
FLOOD COATER(MIN)	21.5"
SPEED	800 IPH
POWER CONSUMPTION	3.5 KW
PRINTABLE OBJECT THICKNESS	0-20 MM
DIMENSION (L X W X H)	1825 x 1930 x 1250
WEIGHT	450 KG

Technical data subject to change without notice.

Air compressor, Squeegee rubber, Screen Frame, and other consumables are not supplied along with the machine.



STANDARD FEATURES

- Fully adjustable squeeze and flood have synchronized vertical movement.
- Honey comb vacuum bed heavy duty with stainless steel top, perfectly flat and rigid vacuum base.
- Safety bar
- Micro registration for printing table, micrometer screws assure accuracy with 3 point control to easily and quickly adjust to copy registration.
- Heavy duty extruded squeegee holder gives equal pressure ensures even ink thickness all over the printing area.
- Two print cycles i.e. print and flood or flood and print.
- Heavy duty and durable construction ensures vibration free operation and accurate printing at full production speed.
- Adjustable peel off system.
- Castor wheel for easy mobility.

OPTIONAL FEATURES:

- Auto take off system

CSF 2030 CLAM SHELL SCREEN PRINTING MACHINE

Clam shell mechanical flat screen printing machines are economical, high speed, reliable and very good looking model from APL. This machine is very good for UV spot coating.

TECHNICAL SPECIFICATION

MODEL	CSF 2030
MAX PRINT AREA	20X30
VACCUM BED SIZE	33 X 25
VACCUM BED MOVEMENT	+ _ 10 MM
SCREEN FRAME SIZE (MAX)	34 X 40
SCREEN FRAME SIZE (MIN)	28 X 40
SQUEEZE SIZE(MAX)	31.5"
SQUEEZE SIZE(MIN)	5"
FLOOD COATER(MAX)	31.5 "
FLOOD COATER(MIN)	5"
SPEED	1200 IPH
POWER CONSUMPTION	1 HP, SINGLE PHASE
DIMENSION(LXWXH)	76 X 35 X 50
WEIGHT	350 KG APPROX



ATOM FLAT SCREEN PRINTING MACHINE

Atom screen printing machine is revolution in screen printing industry. This machine is of its own kind with different in of operating system. This machine is available in smaller size and its good for registartion jobs.

TECHNICAL SPECIFICATION

MODEL	ATOM 2030
MAX PRINT AREA	20X30
VACCUM BED SIZE	20X 30
SCREEN FRAME SIZE (MAX)	30X44
SCREEN FRAME SIZE (MIN)	24X24
SQUEEZE SIZE(MAX)	21.5
SQUEEZE SIZE(MIN)	12.5
FLOOD COATER(MAX)	21.5
FLOOD COATER(MIN)	12.5
SPEED	1000 IPH
POWER CONSUMPTION	2HP Single/three Phase
DIMENSION(LXWXH)	1370 X 762 X 1700
WEIGHT	450 KG APPROX



Micro Registration Knob



Light Weight Honeycomb Vacuum Bed With Stainless Steel Top



Squeegee and Flood Bar

APPLICATION

Polybag	Automobile Parts	UV Spot Coating
Non Woven Bag	Stickers	Sunboard
Stationary	Glittering	Sunpack
Metal	Ribbon Printing	Leather
Glass	Sheet Gumming	Rexine
Wood	Ceramic Coating	Acrylic Sheet
Sports Equipment	Tile Printing	PCB
Foot Wear	Paper Printing	Fabric

ROLL TO ROLL SCREEN PRINTING MACHINE

Features

- Paper, PP , PE and other plastics and cardboard printing with 2nd pass operation system
- Dome Printing

TECHNICAL SPECIFICATION

MAX PRINTING AREA	(L)350 X (W)400MM
MAX WEB WIDTH	380MM
MAX PRINTING SPEED	4800IMP/HR
MATERIAL THICKNESS	0.05-0.5MM
SQUEEGEE SERVO MOTOR	400WT (WITH REDUCTION GEAR 20:1)
WEB FEEDING SERVO	750WT (WITH REDUCTION GEAR 20:1)
VACUUM MOTOR	2.2KW
PRINTING STATIONS	3 COLORS
POWER	380V, 3Phs, AS PER CUSTOMERS INSTRUCTION
DIMENSION	(H)1500 X (W)1500 X (L)5000MM
WEIGHT	2600KG

Machine length is subject to change depending on heater option.



SCREEN EXPOSURE 5-IN-1



APL introduces first time in the world, most compact, space saving and a revolutionary product 5-in-1™. The innovative idea of producing 5-in-1 system not only saves space but also saves transport and packing cost. This compact system is mounted on a smooth castor wheel for easy mobility within department.

- Screen exposure
- Screen dryer
- Screen inspector
- Emulsion coating stand with trough
- Mechanical fabric stretcher

TECHNICAL SPECIFICATION

MIN - MAX FRAME SIZE	34"x44" max and 9"x11" min
MAX EXPOSING AREA	20" x30"
POWER SUPPLY	3 kw
TOTAL POWER CONSUMPTION	4 kw
OVER ALL DIMENSION	55" x 45" x 85"
MECHANICAL STREACHER/TENSION METER	
MAX TENSION PERMITTED	16 to 20 newtons
EMULSION COATING STAND & TROUGH	
COATING TROUGH LENGTH WITH 2 END COVER	27"
SCREEN DRYER	
MAX HEATING CAPACITY	50 degree
POWER CONSUMPTION	2.6 kw
SCREEN INSPECTOR	
POWER CONSUMPTION	Metal helide400 watts
SCREEN EXPOSER	
EXPOSING LAMP	0.80 kw
POWER CONSUMPTION	1 kw