

Sakurai

CYLINDER SCREEN PRINTING PRESSES

SC-AII SERIES

SC-72AII

SC-102AII

SC-112AII

SC-142AII



SC-142AII



SC-72AII

SC-AII, HIGH SPEED AUTOMATIC CYLINDER PRESSES

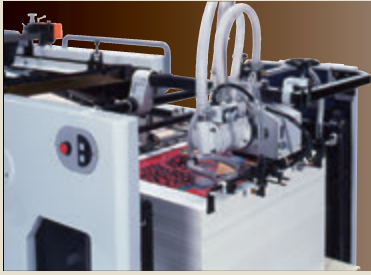
SC-AII models, SC-72AII, SC-102AII, SC-112AII and SC-142AII, are capable of printing on various soft and semi-rigid substrates such as paper, plastic sheet, film and metallic sheet, ranging in thickness from 0.1 to 0.8mm. It is also possible to print on thicker or thinner substrates depending on the flexibility of the material.

Hairline registration is guaranteed at print speeds of 1,500—2,500 (SC-142AII 1,000~2,000) sheets per hour, which is three or four times the production rate of conventional flat bed presses. SC-AII presses can be used for POS, posters, stickers, self adhesives, decals, membranes and other applications.

A new design ball bearing pull lay, linear guide screen frame drive rails, non-static wooden feed board and inverter digital speed control are all included as standard and give better performance than any other press.

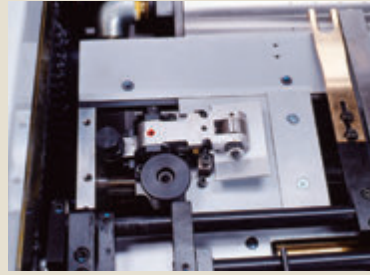
Excellent press features provided

Automatic Feeder



Sakurai's original center separation feeder allows all substrates to be fed smoothly. A clutch gear arrangement is used to select either stream or universal feeding. The pre-loading system greatly enhances the operating efficiency and productivity. The front pick-up feeder is optionally available.

Register System



A pair of roller ball bearings are used on the pull side lay which pulls both thick and thin substrates positively and accurately for precise register even at high speed.

Feed Board



The feed board is laminated with a special coating that is scratch resistant and reduces static electricity. Both the feed ball racks and feed belts are laterally adjustable to accommodate all sheet sizes. An optical "no sheet detector" forces the machine into non-print mode when a sheet is missed.

Vacuum Cylinder



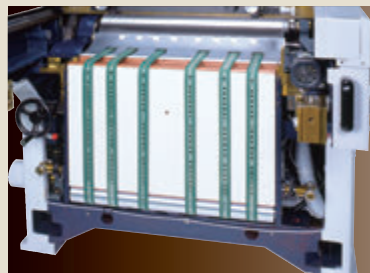
The stainless steel cylinder vacuum jacket is accurately polished by NC processing machinery. The cylinder shaft is supported by special bearings that can withstand high speed rotation. The vacuum is fully controllable and can be changed to suit the substrate so that vacuum marks do not appear on the print. Special hardened grippers hold both thick and thin substrates firmly. The gripper base plate can be changed without changing the complete cylinder assembly.

Screen Frame Guide Rail



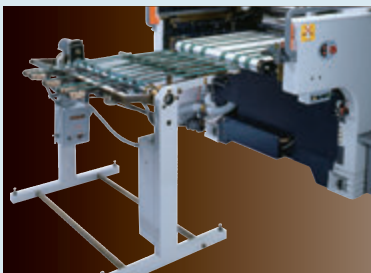
The permanent life linear guide rails used with the screen frame assure vibration free, accurate and repeatable operation, thus precise registration is obtained every time.

Delivery Board



The substrate drops onto a solid polished stripper plate and then travels across the vacuum delivery tapes into a dryer. The delivery board can be lowered through 90 degrees to allow easy access to the screen mesh for cleaning or to check the machine.

OPTIONS Cross-over Stand



It helps to infeed printed stock to any types of dryers. Besides, you can cross the line to the other side, once you lift up the belting device.

OPTIONS Techniclean



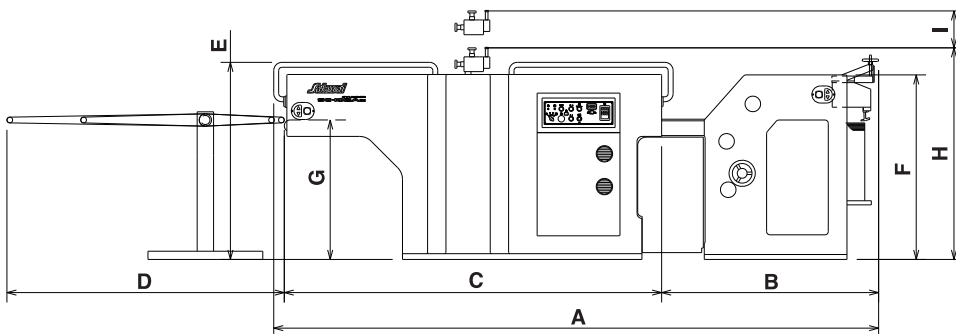
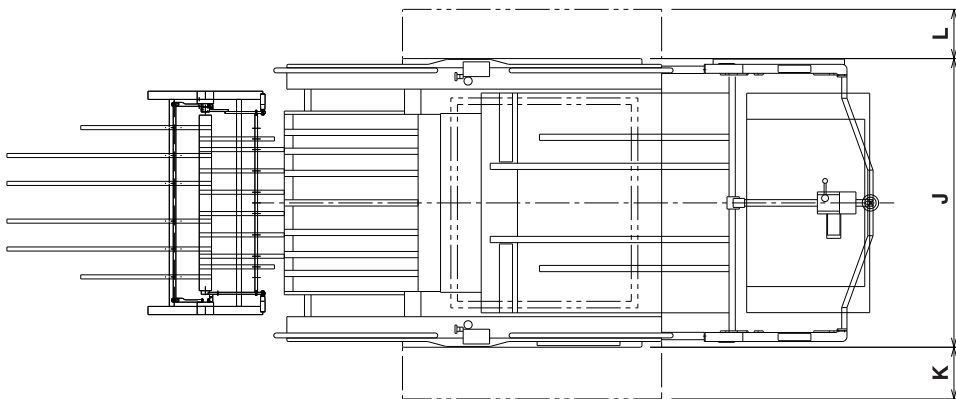
Dust and static electricity can be quickly removed at the same time by this device. This is more effective in film and card printing and improves productivity and reduces defective products.

Specifications

		SC-72AII	SC-102AII	SC-112AII	SC-142AII
Max. sheet size (mm)		720×520 720×580 (option)	1,020×720	1,130×800	1,420×1,020
Min. sheet size (mm)		350×270	560×370	600×380	720×520
Max. print size (mm)		720×500	1,020×700	1,130×780	1,400×995
External frame size (mm)		880×880	1,280×1,140	1,400×1,300	1,750×1,530
Running speed (pieces/hour)		1,000~3,600	900~3,300	900~3,300	800~2,000
Power consumption (kW)		4.94	6.74	7.79	18.0
Dimension (L×W×H) (mm)		2,930×1,330×1,260 <2,930×1,830×1,260>	3,688×1,760×1,290 <3,688×2,260×1,290>	3,859×2,195×1,310 <3,859×3,195×1,310>	5,055×3,570×1,604 <5,055×4,570×1,604>
Machine weight (kg)		2,300	3,400	4,200	7,600

Figures in < > are CE standard spec, presses

Dimensions



	SC-72AII	SC-102AII	SC-112AII	SC-142AII
A	2,978	3,688	3,859	5,055
B	1,118	1,323	1,269	1,980
C	1,801	2,301	2,531	2,998
D	1,692	1,692	1,692	-
E	1,172	1,202	1,222	1,330
F	1,125	1,125	1,145	1,265
G	845	850	870	900
H	1,260	1,290	1,310	1,604
I	225	225	225	345
J	1,330	1,760	1,880	2,370
K	-	-	315	600
L	-	-	-	600

* Engineering or technological information appearing in this catalogue includes many subjects which are patented or have patents pending.

* The manufacture reserves the right to change without any prior notice, any of the following, as related to products listed in the subject catalogue.

(1) Improvement of safety, performance or functions (2) Improvement of the designed quality.

* The manufacturer shall not be held liable for any responsibility arising in any way for any use other than prescribed herein the products, the products liabilities of the company regulations and in other warnings it has made.

* The denoted speeds are indicative of the mechanically possible performance. Printing speeds are subject to variation according to the plates and substrate to be used.

* Photographs appearing in this catalogue include some optional equipment. This specifications given are as of June 2011 and are subject to further change for improvement, together with the content to the photographs.

Superlative products to guarantee clients satisfaction

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