OLIVER-96

SD Series

A1 SIZE OFFSET PRESSES

Sakurai

All in One

OLIVER 96SD series

Sakurai's Superlative Grade A1 Offset Presses

- Ultimate cost effective A1 machine with 965mm × 640mm sheet size
- All necessary modern automated equipment is fitted in standard
- Real heavy duty construction in spite of well competitive price thank to sharing parts in the series presses
- Almost 20% space requirement less against other B1 size presses.
  This saves greatly your valuable space.

OLIVER
OL496SD

Ultra Rigidity Structure Press

■Standardized full automatic functions

OLIVER-96SD Series were developed based on easy-to-use concept.

Reflecting the market needs for skill-less, the necessary devices are all standard such as sheet size and impression presetting(SAS), SPC(Sakurai Plate Changing), automatic blanket washing, automatic impression Cylinder washing, automatic ink roller washing, color console type III with quick stand-by system enabling both suitable formulation of ink film on the roller and uniform management from preparation to printing, ink roller temperature control system regulating the temperature of ink rollers surface to keep ink viscosity.

■A1 size press with cost-effectiveness

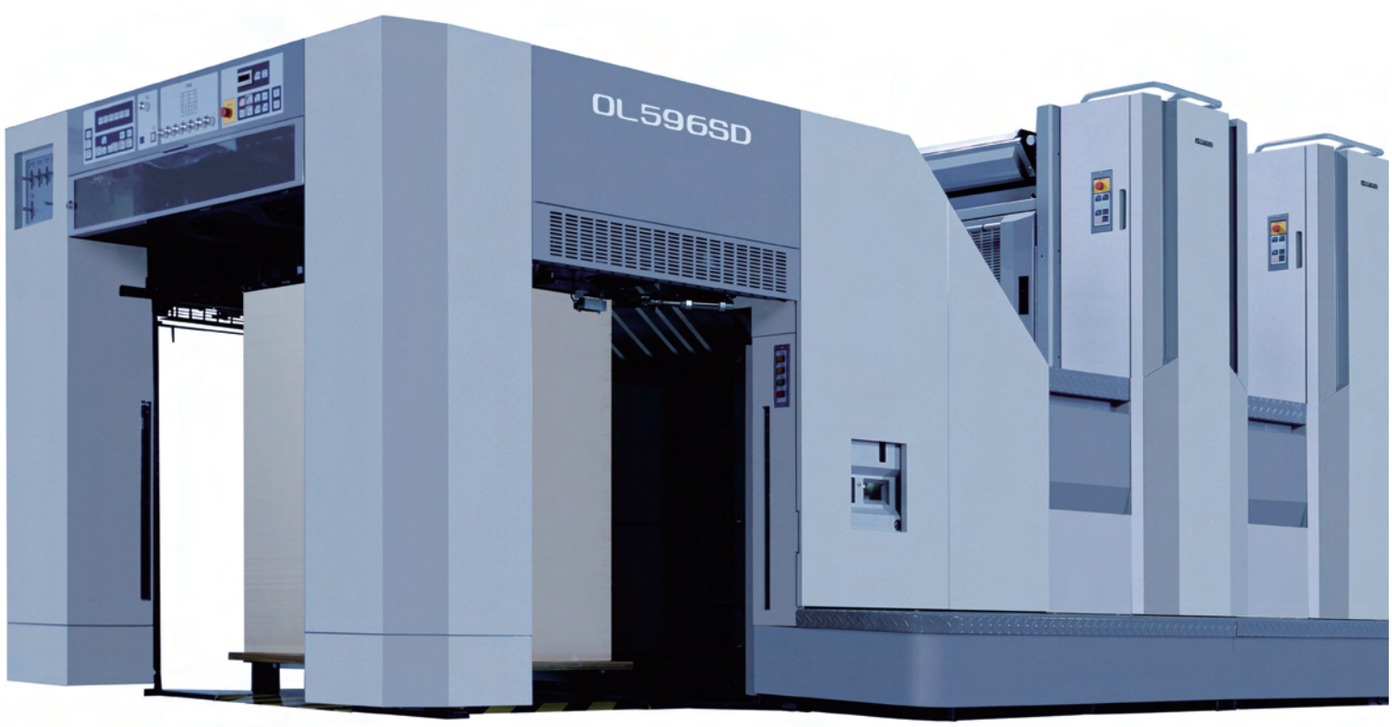
The maximum print size of OLIVER-96SD Series are 955×630 mm, corresponding with the imposition of larger than international standard A4 size×8 pages size. This unique size makes the reduction of running cost for plates, blankets and sheets realized.

■Offer at reasonable price as SD series machine with real heavy duty construction

OLIVER-96SD Series were developed as the integrated model of OLIVER SD series based on our cultivated development result of the multi-colour 66 and 75 SD series. The solid frame and bed structure with considerable durability, double diameter impression cylinder realizing stable printing preciseness for a variety of paper quality and 7 o'clock cylinder alignment are adopted.

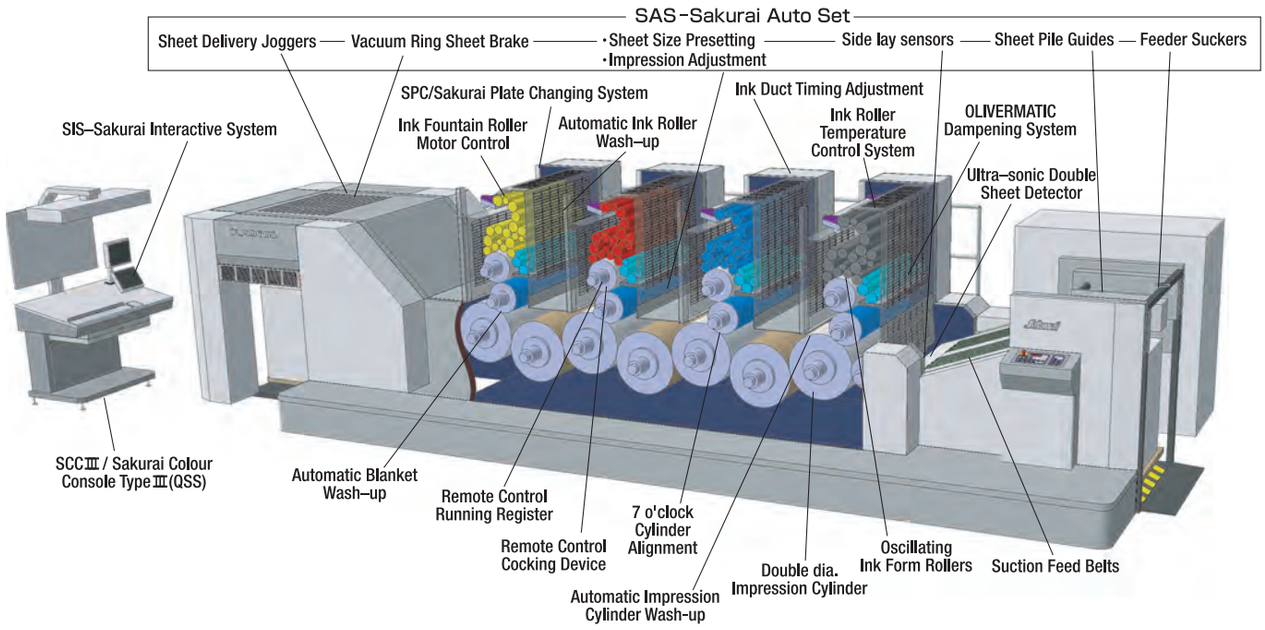
■Far less space requirement against conventional B1 presses

"Space is an important part of cost" This is a major concept to design the press. In spite of A1 four color press, the overall length is only 8,945mm (5color press is 9,997mm) It has a great benefit to install the press in a smaller / valuable space even in urban areas.

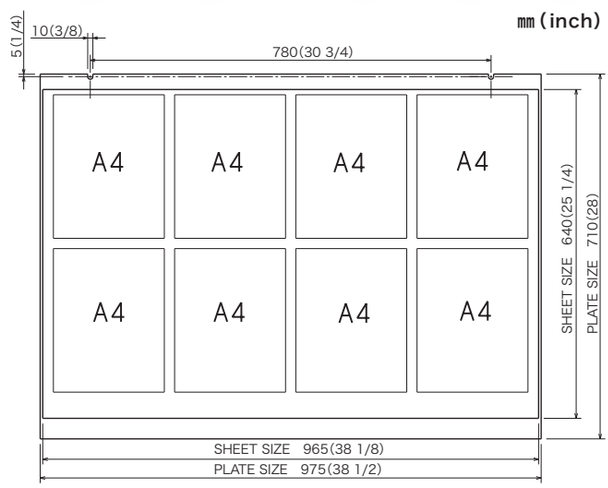


OLIVER-596SD
A1 size 5color offset press

Abundance fittings and accessories and real solid structure — OLIVER-496SD —



— Still Surplus Margin with 8 up of A4 printing —



All in One

All essential automated equipment is fitted in standard

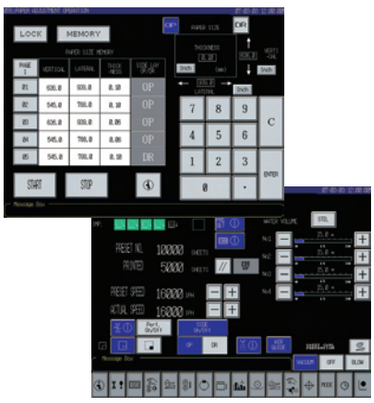
Sakurai Color Console SCC

Controls SIS and SAS functions from the one console to achieve easy and labor saving operation. Quick stand by system which gives ideal ink form on rollers in automatic, less washing sheets, synchronized the speed of ink fountain roller and etc are available in standard.

SIS-Sakurai InterActive System SAS-Sakurai Auto Set

Sakurai Interactive System(SIS) includes press speed setting, ink roller wash-up control, printing mode change, operator instructions, trouble-shooting, ink sweep etc.

Sakurai Auto Set(SAS) allows the operator easily to adjust the press for different paper sizes and thickness. Simply pressing a button initiates movement of the feeder head, feeder pile guides, impression pressure, and the delivery saving valuable make-ready time.

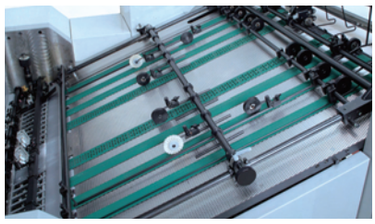


Variety of densitometer

Variety of automatic and manual densitometer are available as option. photo: Techkon RS400 manual type.

Suction feed belts

The suction feed belts with adjustable vacuum control ensures smooth sheet feeding from maximum to minimum sheet size at 15,000 IPH with minimal operator adjustments.



SPC-Sakurai Plate Changing

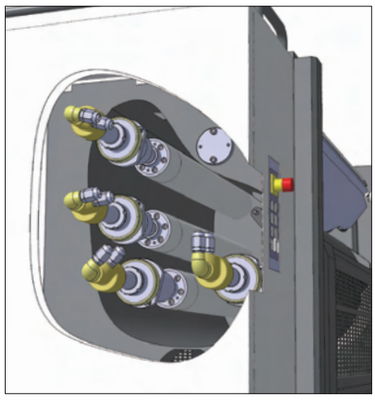
A plate can be easily, accurately and quickly mounted thanks to the "pinned cylinder register system" and Sakurai Plate Changing (SPC). The tail edge of the plate does not require pre-bending, thus allowing the reuse of the plates and the elimination of the plate bender. As the register pins are easily retractable, the unpunched plates can be used. As the result, a paper plate and various types of plates can be mounted without tools. Sakurai Plate Changing is the most tremendous time and labor saving device. The quick and easy hairline register is ensured with the combination of the plate cylinder cocking device and remote control running register.

Variety of Automatic Wash-up Devices

Equipped blanket, impression cylinder and ink roller washing device as standard. Fully auto washing by touch panel operation. Washing pattern can be selected depend on each condition. "water spray function" to eliminate paper dust, "High speed" and simultaneous cleaning for both ink roller and blanket is also available in option.

Ink Roller Temperature Controller

This device is to prevent the increase of roller surface temperature from the ambient temperature and from the machine during the run, to keep the viscosity and density of the ink stable. The device can also have particular effectiveness on waterless printing.



OLIVER-96SD Series

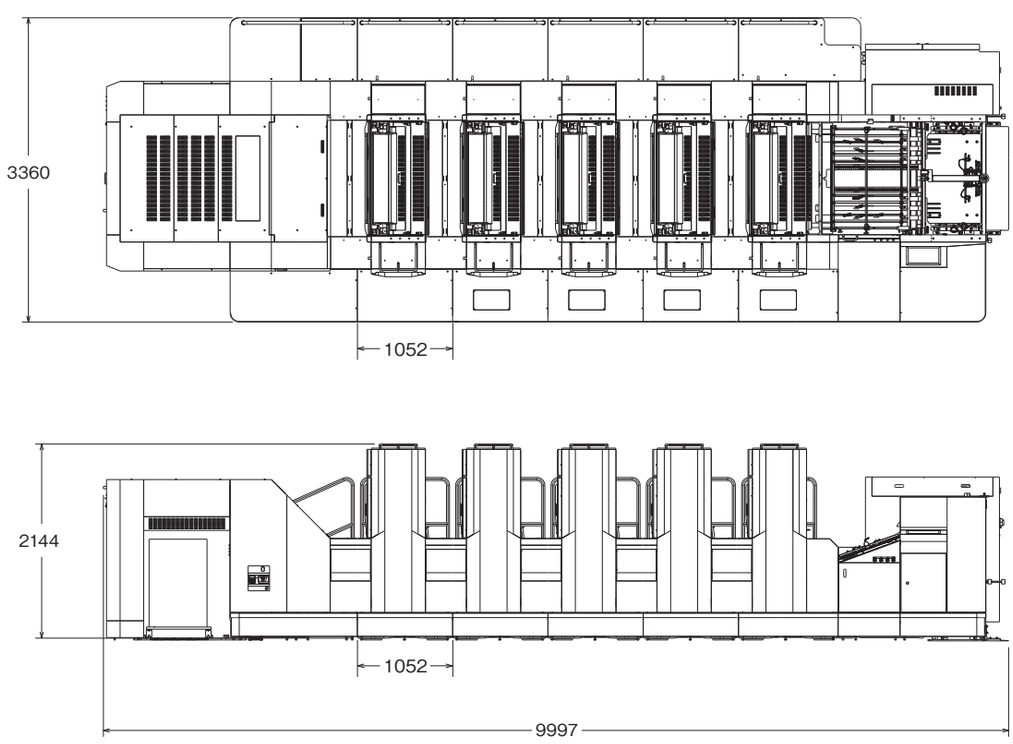
SPECIFICATIONS			
		496SD	596SD
MAX SHEET SIZE	mm (inch)	965 × 640 ($38^{1/8} \times 25^{1/4}$")	
MIN SHEET SIZE	mm (inch)	469 × 318 ($18^{1/2} \times 12^{1/2}$")	
MAX PRINT SIZE	mm (inch)	955 × 630 ($37^{3/4} \times 24^{7/8}$")	
PRINTING SPEED	IPH	4,000 ~ 16,000	
PAPER THICKNESS	mm (inch)	0.04 ~ 0.6 (0.0016 ~ 0.024")	
PLATE SIZE	mm (inch)	975 × 710 ($38^{1/2} \times 28$")	
PLATE THICKNESS	mm (inch)	0.2 ~ 0.3(0.008 ~ 0.012")	
DIMENSION (L × W × H)	mm (inch)	8,945 × 3,360 × 2,144 ($353^{1/8} \times 130^{1/8} \times 84^{5/8}$")	9,997 × 3,360 × 2,144 ($394^{5/8} \times 132^{5/8} \times 84^{5/8}$")
WEIGHT	Kg (lbs)	31,500 (69,446 lbs)	37,500(82,673lbs)
POWER CONSUMPTION	Kw	44	49

Standard Equipment		
SPC (Sakurai Plate Changing System)	Ultra-sonic Double Sheet Detector	Quick Release Blanket Bar
Remote Control Running Register	OLIVERMATIC Dampening System	Pallet Feeder
Remote Control Cocking Device	SCC Ⅲ (Sakurai Colour Console type Ⅲ) - QSS-Quick Stand-by System	Pallet Delivery
SAS-Sakurai Auto Set (Sheet size and impression presetting)		Ink Duct Timing Adjustment
	SIS-Sakurai Interactive System	Spring Adjust Roller Contact Pressure
Automatic Ink Roller Wash-up	Suction Feed Belts	Oscillating Ink Form Rollers
Automatic Blanket Wash-up	Single Action Feed Wheels/brushes Setting	Ink Fountain Roller Motor Control
Automatic Impression Cylinder Wash-up	Side lay sensors	Static Electricity Reducer
Ink Roller Temperature Control System	Front lay sensors	Sheet Decurler
Mechanical Double Sheet Detector	Powder Spray Device	Air Compressor

Optional Equipment		
CIP3/CIP4 Interface	Color Density and Management Device	Inker Clutch Device
Extended Delivery	Coating Unit	IR/UV Dryer
Synchronous Water Rinsing for Blanket and Ink Rollers	Non-Stop Feeder	

Floor Plan(mm)

OLIVER-596SD



Superlative products to guarantee clients satisfaction

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PRODUCTION
&
TECHNOLOGY DEPT.

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The information on this catalogue contains patented technology and under patent fillings.
The manufacturer reserves the right to change without any prior notice, any of the followings as related to products listed in the subject catalogue.
(1) Improvement in safety, performance or functions
(2) Improvement in designed quality
The denoted speeds are indicative of the mechanically possible performance. Printing speeds are subject to variation according to the plates and substrates to be used.
Photographs appearing in this catalogue include some optional equipments.
The specifications given are as of August, 2007 and are subject to further change for improvement together with the content of the photographs.