

**Sakurai**



# OLIVER-SI/SIP Series

**A2 size offset presses**

## Quality Features of the OLIVER-SI/SIP Series

# 6

## REMARKABLE FEATURES

### Space Saving

Floor space is a valuable commodity. Sakurai has responded by designing the SI/SIP models to be user friendly, yet rugged, while incorporating a compact design to give each press a small, space-saving footprint.

### High Speed

Highly productive, the SI/SIP prints at 15,000 IPH in the straight mode and 13,000 IPH in perfecting mode. This press is suitable for short and medium run jobs giving it a huge advantage over similar competitive machines.

### Return On Investment

Sakurai's modern, high-tech manufacturing facility and benchmark manufacturing processes mean lower production costs. Additionally, these models are fully automatic, requiring less floor space, fewer operators, and offer increased productivity, which means a higher return for you.

### Meeting Your Needs

The SI/SIP models offer a wide variety of flexibility in order to accommodate the needs of most printers. The SI series represents straight printing, and the SIP series represents the perfecting press with an automatic perfecting changeover system.

### CIP3 Capability

The installation of CIP3 interface makes it possible to calculate the image area ratio and adjust the ink keys automatically based on the PPF data on the RIP. As the result, the makeready time can be reduced dramatically. Also, it is possible to install the CIP3 interface in QSS (Quick Standby System).

### A Printer's Press

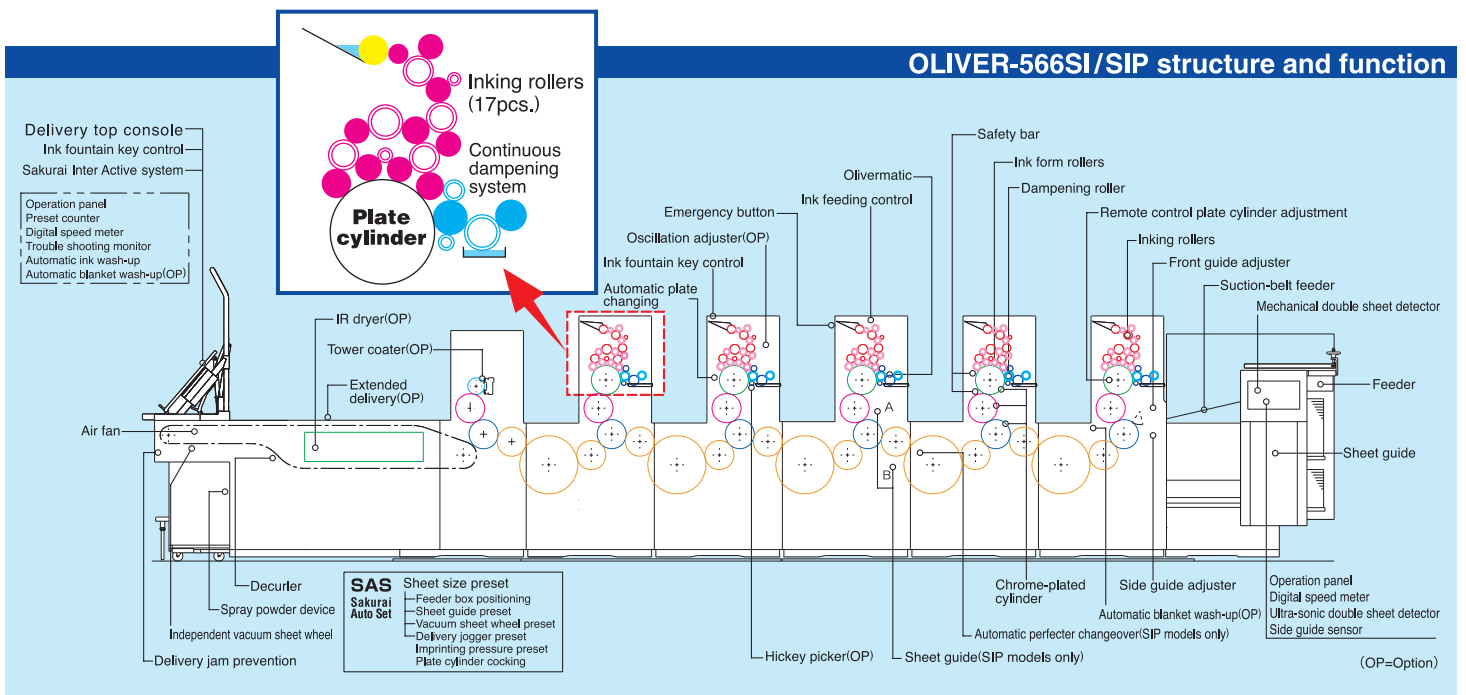
From inception to production, the SI/SIP Series is truly the printer's press. Sakurai consulted many customers during the design and development process. The data gathered reflected the need to develop a compact, high speed, fully automated, high quality press at a reasonable price. The SI/SIP Series is just what you asked for.





# Highly efficient, multi-color printing press provides easy optimizes space saving and labor saving features through

The Oliver SI/SIP series of A2 size multi-color commercial printing presses, have achieved significant reduction of man power for short run, short delivery time printing jobs. The space saving design reduces the footprint more than 20% compared to install in smaller spaces and increases the efficient use of valuable factory space. The SI/SIP series is available as 4



# Easy access for the operator and high design and automation.

Make-ready time and printing time, resulting in the ideal solution compared with other A2 or B2 size presses, which makes it possible to run 4 and 5 color presses, with or without perfecting capability.



OLIVER-566SI + Tower coater

## 2 TYPES OF COLOR CONSOLES

### DTC

#### Delivery Top Console

The ink control console has been incorporated into the top of the delivery in order to save space and ease operation.



### SCC

#### Sakurai Color Console

The SCC is a console that stands alone designed for printers without space limitations and who prefer an independent ink control console.



OPTION

## Full Remote Control Operation

### SIS (Sakurai Inter Active System)



▲ SIS ENTRY SCREEN

Sakurai Inter Active System functions as press speed setting, ink roller wash-up control, printing mode change, operator instructions, troubleshooting, ink sweep, etc.

### Plate Running Register system



▲ SIS PLATE REGISTER ADJUSTMENT

The plate cylinder can be skewed, rotated laterally and circumferentially from the Sakurai Inter Active System touch screen while the press is running.

### SAS (Sakurai Auto Set)



◀ INK DUCT FREQUENCY SETTING



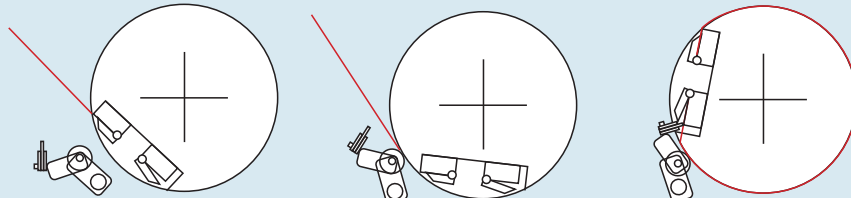
The Sakurai Auto Set System allows the operator to easily adjust the press for different paper size and thickness. As easy as pressing a button initiates movement of the feeder head, feeder pile guides, impression pressure, and the delivery joggles. This user friendly feature saves makeready time.

## AUTOMATIC PLATE CHANGING SPC

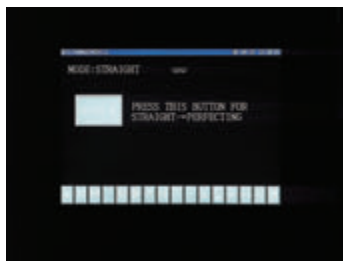


The automatic plate changing quickly and accurately removes and mounts a new plate in less than a minute. The plate is automatically loaded, clamped, and tensioned without pre-bending the tail of the plate. Sakurai's simple and highly accurate design makes it possible to easily reuse plates, mount two-sided plates, or use polyester plates.

A plate is loaded simply and accurately.

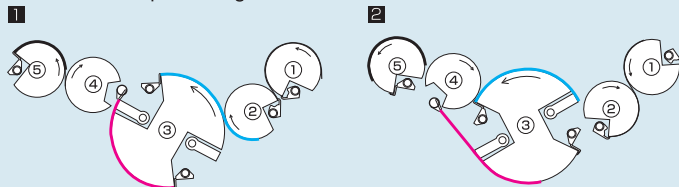


## AUTOMATIC PERFECTING CHANGEOVER(SIP models only) FULL AUTO

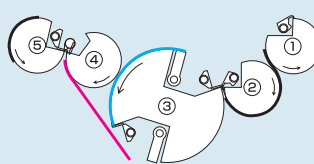


The Automatic Perfector Changeover allows the operator to switch from straight printing to perfecting (or vice versa) in less than two minutes. By simply pressing a button and entering a sheet size on the SIS, the Changeover is completed automatically, even without tools.

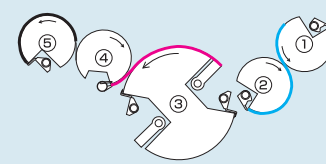
Sheet travel in perfecting mode



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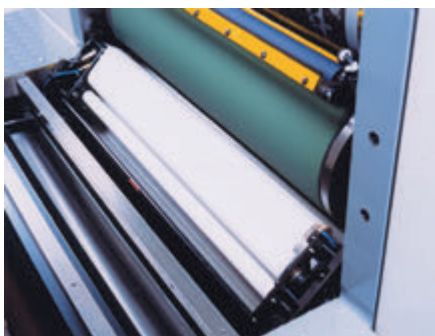


Sheet travel in straight mode



## Blanket Wash-up Device

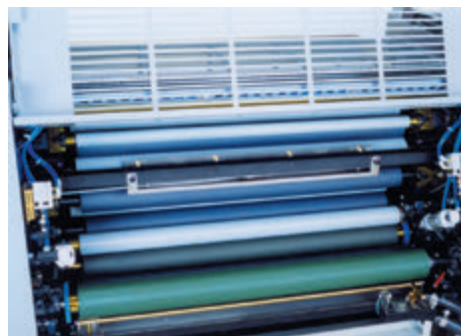
The Baldwin "impact" washing system is applied. In this system, a special cloth is used for washing without the washing liquid. Also, as another option, the washing system, which can both wash ink rollers and blankets in high speed, is available. In this option, the washing time is only two minutes providing a dramatic reduction in makeready time.



## OPTIONAL EQUIPMENT

### Ink Temperature Control

Sakurai presses have been designed to run with a minimal amount of temperature rise under normal conditions. For special applications, conditions, or the desire to eliminate printing variables, ink temperature control is an available option. Water is chilled, pumped, and re-circulated through the ink oscillator rollers to keep the ink tack and viscosity stable throughout the printing run.



## STANDARD SPECIFICATIONS

	466SI/SIP	566SI/SIP
Max sheet size (mm)	660×470(26"×18 <sup>1/2</sup> ") Option:660×485(26"×19")	
Min sheet size (mm)	Straight mode:297×200(11 <sup>3/4</sup> "×7 <sup>7/8</sup> ") Perfecting mode:297×257(11 <sup>3/4</sup> "×10 <sup>1/8</sup> ")	
Max print size (mm)	Straight mode:650×460(25 <sup>5/8</sup> "×18 <sup>1/8</sup> ") Perfecting mode:650×450(25 <sup>5/8</sup> "×17 <sup>3/4</sup> ")	
Printing speed (IPH)	Straight mode:4,000~15,000 Perfecting mode:4,000~13,000	
Sheet thickness (mm)	0.04~0.4(0.0016"~0.016")	
Plate size (mm)	650×550(25 <sup>5/8</sup> "×21 <sup>3/4</sup> ")	
Plate thickness (mm)	0.2~0.3(0.008"~0.012")	
Feed pile height	580(22 <sup>7/8</sup> ") Option:980(38 <sup>5/8</sup> ")	
Delivery pile height	600(23 <sup>5/8</sup> ")	
Machine dimensions (L×W×H)(mm)	5,597×2,268×2,087(221"×90"×83")	6,522×2,268×2,087(258"×90"×83")
Machine weight (kg)	12,700	14,500
Power required (kW)	20(SI) / 22(SIP)	24(SI) / 25(SIP)

©For the OLIVER-566SIP, 1/4 or 2/3 perfecting mode is available

## STANDARD EQUIPMENT

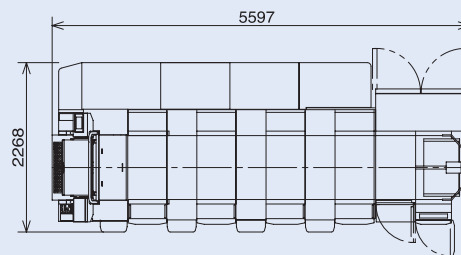
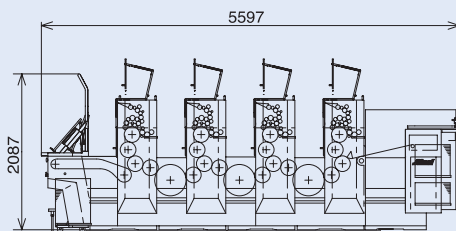
- SAS(sheet size and thickness preset device)
- Suction belt feeding
- Static eliminator bar
- Front guide sensor
- Side lay sensor
- Ultrasonic double sheet detector
- Mechanical sheet detector
- Automatic ink roller wash-up
- Ink duct time adjustment system
- Continuous dampening system
- SPC-automatic plate changing
- Remote control plate cylinder adjustment
- Automatic cocking device
- Automatic blanket wash-up
- Automatic impression adjustment system
- Automatic perfecting changeover (SIP models only)
- Quick release blanket bar
- Semi-high pile delivery
- Motorized positioning delivery vacuum wheels
- Motorized delivery pile board
- Powder spray device
- Sheet decurler
- DTC-Delivery Top Console type I (4 color presses)
- DTC-Delivery Top Console type III (5 color presses)
- SIS-Sakurai Inter Active System

## OPTIONAL EQUIPMENT

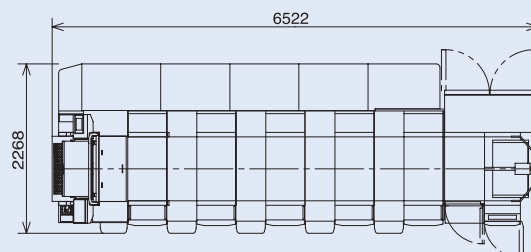
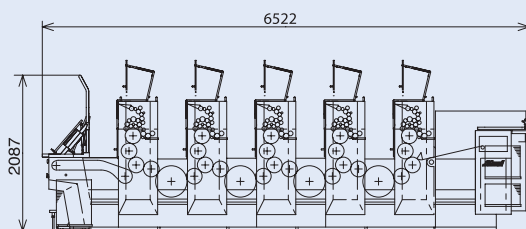
- QSS-Quick Standby System
- Ink roller cooling device
- Synchronous washing system for blanket and ink rollers
- Coating unit
- Extended delivery (long or semi-long type)
- UV or IR drying packages
- DTC type II and III (Type III in standard on 5C)
- SCC type I, II and III (Independent color console)
- CIP3 interface
- Oscillating ink form rollers
- Hicky pickers
- Continuous delivery racking device

### [Machine dimensions : mm]

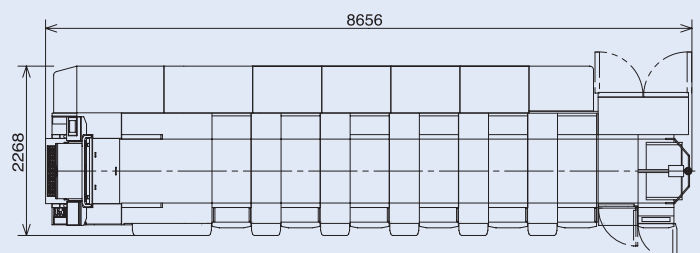
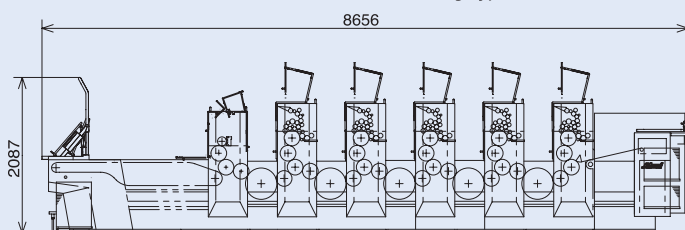
#### ■ OLIVER-466SI/SIP



#### ■ OLIVER-566SI/SIP



#### ■ OLIVER-566SI/SIP+Tower coater (Semi-Long Type)



■ OL266SIP became available in April 2013 as two color version of Oliver – SI/SIP series.  
(Detail specification is on the brochure of OL266SIP)





# Think & Shift

All activities are for customers

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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 February,2015 and are subject to further change for improvement together with the content of the photographs
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## Superlative products to guarantee clients satisfaction

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