Sakurai Maestro **102SD**

The Servo Driven MS-102SD features a programmable print stroke setting. This revolutionary design is ideal for extremely accurate screenprinting applications such as packaging, membrane switches and integrated circuit applications. The 102SD synchronizes the screen travel precisely with the speed of the substrate on the cylinder, resulting in precise register lead edge to tail. Ideal for precise industrial applications including GUI technology used for mobile phones, display panels and automotive instrument panels.
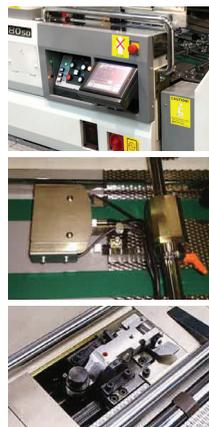
Sheet Size: 29 5/8" x 43 3/8"
Image Size: 28 7/8" x 41 1/2"
Speed: 2,000 sheets per hour
Substrate: 0.003" - 0.032"

Sakurai Maestro **MS-80SD**

The Servo Driven MS-80SD features an industry first optical camera registration system and monitor designed to improve registration and performance. The ultra high precision 21 3/4" x 31 5/8" MS-80SD, operates at speeds up to 2,000 IPH and accepts stock from .001" to .0031" with precise registration. The Maestro prints on a wide range of substrates such as plastic film for electronic applications, membrane switches, display panels and touch screens, as well as paper, board and foil.

Sheet Size: 21 3/4" x 31 5/8"
Image Size: 19 3/4" x 28 3/8"
Speed: 2,000 sheets per hour
Substrate: 0.002" - 0.03"
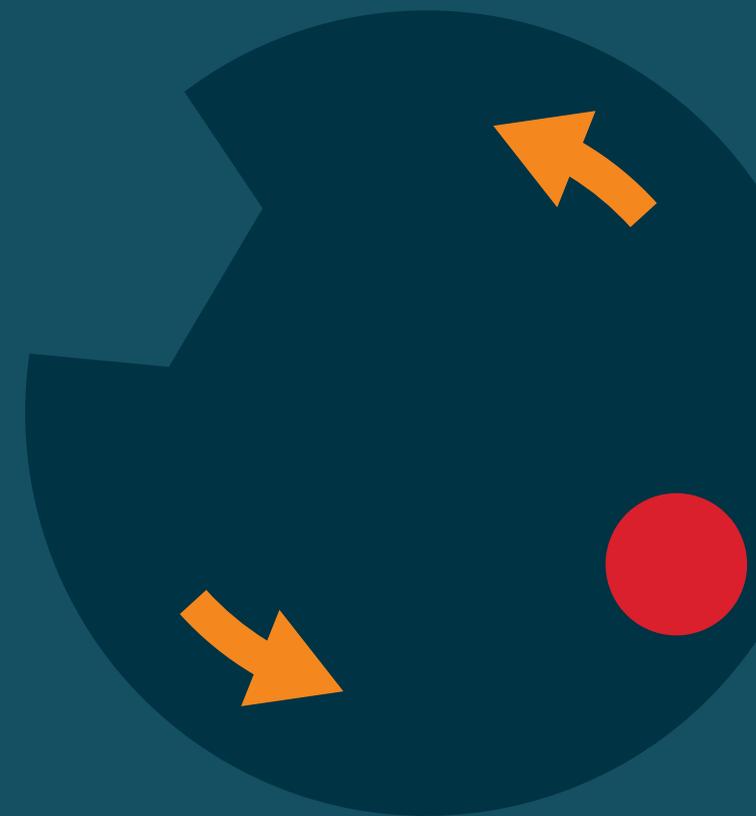
CCD Optical Camera and Sheet Registration System

The global leader in sheet-fed screenprinting technology backed by responsive customer service, support, parts and training.

30 YEARS

Sakurai USA, Inc.

1700 N. Basswood Road

Schaumburg, IL 60173

Phone 847.490.9400

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www.sakurai.com

CYLINDER SCREEN PRESSES

Sakurai Maestro **MS-80AII**

Sakurai's workhorse MS-80AII cylinder screen press is used for a myriad of industrial applications such as tagless labels, heat applied transfers, pressure sensitive applications, printed circuits, electronics and much more. The high productivity MS-80AII screen press accepts sheets up to 21 3/4" x 31 5/8" and operates at speeds up to 3,600 IPH. And, the Maestro prints on a wide range of substrates such as plastic, film, paper, board and foil with accurate spot coating and special effects.

Sheet Size: 21 3/4" x 31 5/8"
Image Size: 19 3/4" x 28 3/8"
Speed: 3,600 sheets per hour
Substrate: 0.001" - 0.031"

Sakurai Maestro **MS-102AX**

The 29 5/8" x 41 1/2" ultra-high precision Maestro 102AX operates at speeds up to 4,000 IPH and accepts stock from .003" to .032" thick. The Maestro is capable of printing on a wide range of substrates such as plastic film for electronic applications, membrane switches, display panels, touch screens, etc., as well as paper, board and foil. Accurate spot coating and special effects are handled easily for value-added features. A two-color Double Maestro MS-102AX is also available which operates at 2,000 IPH.

Sheet Size: 29 5/8" x 41 1/2"
Image Size: 28 7/8" x 41 1/2"
Speed: 4,000 sheets per hour
Substrate: 0.002" - 0.031"

Screen print, dry, screen foil and stack in a single pass.

Sakurai is the authorized North American distributor of Natgraph drying and curing systems. Natgraph systems are ideal regardless of the brand and vintage of your current screen press.

Natgraph

Natgraph **Drying & Curing Systems**

Natgraph's Electronic UV system has been developed to take Ultra Violet curing to a new level of efficiency and control. It delivers higher levels of curing power at drastically reduced running costs, resulting in a vastly improved yield for the UV curing process. Natgraph revolutionary electronic power supply technology allows the optimum lamp power to be selected on a true stepless percentage basis. Full power is 170 watts/cm (450 watts/inch), with a typical power savings of over 50% when compared to conventional transformer driven UV systems.

Natgraph UV drying systems present an ideal combination system when used with Sakurai cylinder screen presses.

Natgraph **Stacker**

• Stack up to 4000 sheets per hour
• Full PLC control
• Complete line integration with dryer and printing press
• E-Stops from anywhere on line control each element
• Quite simply the best stacker on the market
• Easy set up
• Strong construction for decades of service

MAESTRO

ScreenFoil™

The LQM Series of In-Line Hot Foil Stampers

Embellish your printing and increase profits with ScreenFoil™.

Achieve amazing flat, tactile or 3D effects with the new LQM 76 and LQM 105 Evolution Series, a cost-effective in-house solution for hot foil finishing.

The LQM Series has many new features to increase productivity including a larger 3" web core diameter, an alignment conveyor to precisely transport printed sheets, a user-friendly touch screen and foil saving capability.

Sakurai can custom design a fully integrated screen printing, UV curing system with hot foil finishing for your specific requirements.

The LQM Evolution Series can add flat, tactile or 3D effects, a cost-effective in-house solution for hot foil finishing.

The LQM 105

The Fully Automated Sakurai Maestro 102AX

The 29 5/8" x 41 1/2" ultra-high precision Maestro 102AX operates at 4,000 sheets per hour. It's the press of choice for a myriad of printing special effects: foil, glitter, soft touch, spot and UV flood coating as well as more traditional applications like decals, heat transfers, overlays, POP and credit cards.

The fully automated, 41 ½" x 29 5/8" MS-102AX is cost effective for run lengths as few as 25 sheets and prints on a wide range of substrates such as plastic film for electronic applications as well as paper, board and foil.

Sakurai can custom design a screen printing, drying and curing system including LED-UV and hot foil finishing for your specific requirements.

MAESTRO

Maestro **MF80VII** Smart Textile Screen Press

A fully automated flatbed screen press designed for high quality, high end digital heat transfer industrial printing applications.

Key features of the MF80VII include tight tolerance registration, double print for opaque applications and special Optical Sheet Alignment sensors to allow overprinting of digitally printed sheets in perfect registration.

In addition to textiles, the 31-1/2" x 23-5/8" MF80VII is ideal for applications such as automotive, overlays, instruments, printed electronics, nameplates, membrane switches, pressure sensitive, credit cards and more.

Sheet Size: 31 1/2" x 23 5/8"
Image Size: 31 1/2: x 23 1/16"
Speed: 1,000 sheets per hour
Substrate: 0.004" - 0.12"

Sakurai