



MAE&TRO

Sakurai Maestro MSDR-60

MSDR servo-driven web-fed cylinder screen press designed for precision screen printing of thin materials in roll form.

The Maestro MSDR-60 is a fully automated, high productivity web-fed cylinder screen press designed for precision screen printing of very thin materials in roll form. Because of its servo-driven design, there is no backlash or play in gears, belts, or any other driving parts. Press operation is managed by a user friendly touch screen panel and its CCD optical camera registration system perfectly aligns substrates. Additional functions include, fast tact time, alignment accuracy and numerically control production management.

Applications include multi-layer ceramic capacitors, printed electronics, biometric sensors, membrane switches, transfer printing, medical and more. The MSDR-60 has a 23-5/8" maximum web width and is capable of less than 50 um thickness of substrate, which was not possible in the past.

Maestro MSDR-30

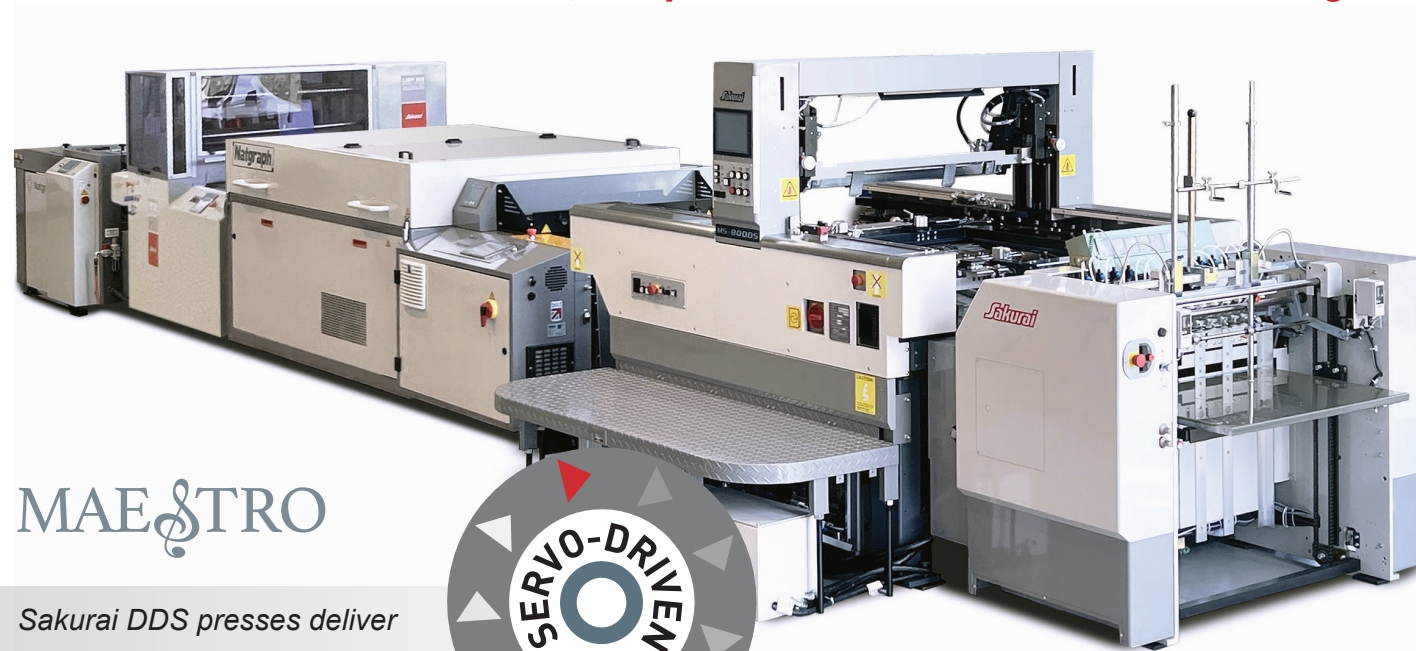
The Maestro MSDR-30 is a servo-driven web-fed cylinder screen press ideal for printed electronic industries and has a maximum 11 13/16" web width.

Sakurai's new, large LCD touchscreen.



Family of Sheet-fed and Web-fed Servo-Driven Cylinder Screen Presses

Ideal for Electronics, Graphics and Embellishment Printing



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Sakurai DDS presses deliver high precision, high-efficiency and ease of-operation.



Sakurai Direct Drive Cylinder Screen Presses Eliminates Gears and Sprockets

The fully automated DDS is ideal for extremely accurate screenprinting applications such as large size packaging, graphic overlays, membrane switches and integrated circuit panels.

New features include a large LCD touchscreen panel to control clearance gaps, squeegee pressure and a stroke length presetting mechanism for sheet size and plate positioning plus a remote access function to simplify operation and maintenance.

Sakurai's Direct Drive Series includes the 31 5/8" MS-80DDS, the 43 3/8" MS-102DDS, the 49 1/4" MS-120DDS and the web-fed MSDR-60 with a 23 5/8" max. web width.



MS-80DDS



MS-102DDS



MS-120DDS



MSDR-60



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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"

Speed: 4,000 sheets per hour

Image Size: 28-7/8" x 41-1/2"

Substrate: 0.002" - 0.031"



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Sakurai Maestro MS-80All

Sakurai's workhorse MS-80All 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-80All 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"

Speed: 3,600 sheets per hour

Image Size: 19-3/4" x 28-3/8"

Substrate: 0.001" - 0.031"



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.



Drying and 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.

Stacker



- Stack up to 4,000 sheets per hour
- Full PLC control
- Complete line integration with dryer and printing press
- Quite simply the best stacker on the market
- Easy set-up
- Strong construction for decades of service
- E-Stops from anywhere on line control each element



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

Toll-Free Parts & Service

1-800-468-4720 x203

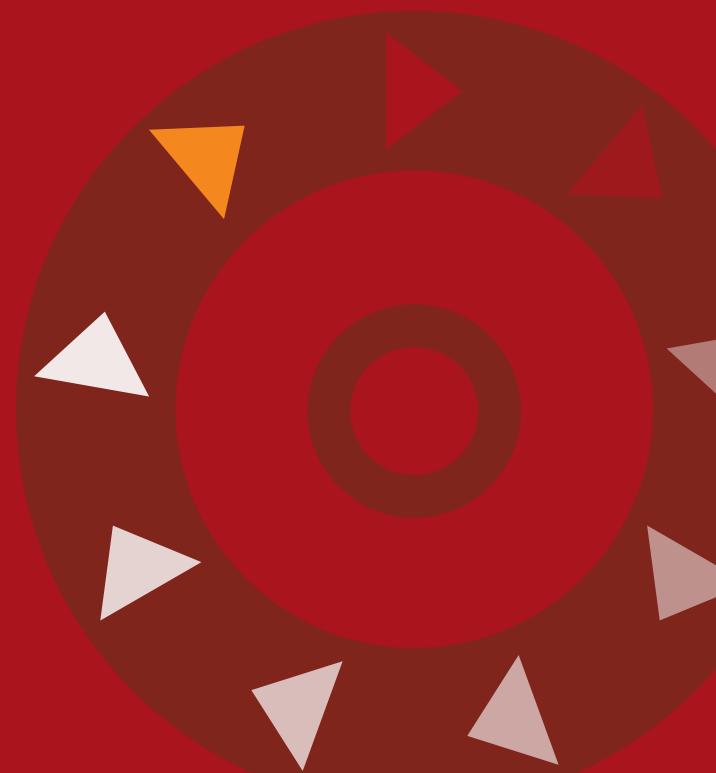


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SHEET-FED AND WEB-FED CYLINDER SCREEN PRESS SYSTEMS



ScreenFoil™

The LQM 105 Hot Foil Stamper

A cost-effective, in-house solution that brings a new level of flexibility, quality and performance without the need for dies.

Embellish your printing and increase profits with ScreenFoil™.

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

The LQM 105 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 Screenfoil LQM 105 is perfect for PSP, folders, leaflets, business cards, loyalty cards, magazines, book covers, packaging, promotional items, labels, roll-to-roll, automotive, appliance, plastic cards and greeting cards.



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