



MAE&TRO

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"



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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"



The Sakurai Mighty Maestro Family of Screen Presses



*The most precise cylinder
screen presses for industrial
multi-color overlay printing.*

MAE&TRO

The MS-80DDS Utilizes Modern Servo-Driven Motion to Insure Precise Deposits of Ink and Laydown.

The reimagined, high precision MS-80DDS eliminates gears and sprockets for drive control control with each part directly driven by a servomotor. The fully automated, labor saving DDS was designed for easier operation and a scratch free conveying function - even for difficult materials. New features to improve operability and efficiency include a larger LCD touch screen operating panel, a presetting mechanism for sheet size and plate positioning and a remote access function to simplify operation and maintenance. Sakurai's exclusive CCD optical camera registration system checks register marks for sheet alignment to improve productivity and performance. The high precision MS-80DDS accepts sheets up to 21-3/4" x 31-5/8" and operates at a higher running speed of 3,000 IPH.

ScreenFoil™

The LQM Evolution Series

Embellish your printing and increase profits with ScreenFoil™.

Achieve amazing flat, tactile or 3D effects with the 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.



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Sakurai MS-120DDS

The fully automated, servo-driven MS-120DDS cylinder screen press is ideal for extremely accurate screenprinting applications such as large size packaging, membrane switches and integrated circuit panels.

The MS-120DDS synchronizes the screen travel precisely with the speed of the substrate on the cylinder, resulting in precise register lead edge to tail. The optional CCD camera checks register marks for sheet alignment and is effective in aligning a sheet that has no accurate corner edge. New improvements in feed board surface treatment and transport mechanism prevent scratches on the back of the material as well as the material surface.

The high-precision MS-120DDS accepts sheets up to 31" x 49-1/4" and operates at speeds up to 2,000 sheets our per hour.

Sheet Size: 31" x 49-1/4"

Image Size: 30-1/4" x 47-1/4"

Speed: 2,000 sheets per hour

Substrate: 0.002" - 0.0315"



Printing conditions can be controlled numerically from a large size color touch screen panel.

DRYER & STACKER



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 & 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
- 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



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

Toll-Free Parts & Service

1-800-468-4720 x203



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MAESTRO CYLINDER SCREEN PRESSES



MAESTRO MSDR PRESSES



MSDR Servo-Driven Web-Fed Cylinder Screen Press

Designed for Precision Screen Printing of Thin
Materials in Roll Form

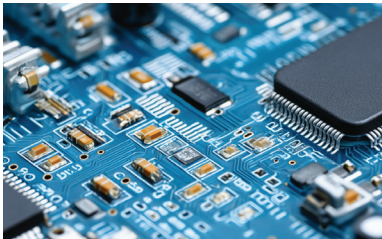
Maestro MSDR-60

The Maestro MSDR-60 Series 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.

Applications include:

- Multi-layer ceramic capacitors
- Membrane switches
- Flexible printed circuits
- Transfer printing
- Biometric sensors
- Medical



Multi-layer ceramic capacitors and flexible printed circuits