

SK 350 series silk screen presses





FLAT BED SILKSCREEN AND ROTARY DIE CUTTING ON A SEMIROTARY PLATFORM



SK 350 series Flat Bed silk screen

The SK350 serie silk screen presses are using the shaftless semirotary system from MIDA MAQUINARIA and combine all kind of flat bed or rotary UV printing and finishing optionals on a semirotary platform without web loops for minimum web wastes.



Control touch panel.



SK 350 serie advantages

- Very quick job changes, without standstills and with minimum web waste thanks to MIDA MAQUINARIA web control system and modules synchronisation.
- Combines different kinds of printing and finishing optionals on a single semirotary platform.
- Versatility and savings in cost and time when procuring the tooling for the finishing, specially in what concerns screens and embossing tooling.
- Easy cleaning operation: the screen station swings through a pneumatic system for allowing the screen cleaning operation.

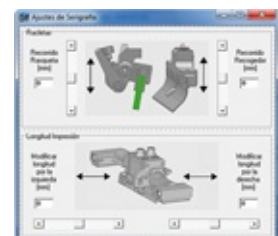


Combination of flat bed units and rotary units mounted on a semirotary platform.



Computer control screen

- All the operations made on the squeegee and wiper blades assembly are computer controlled: pressure adjustment on the screen and independent speeds adjustments.

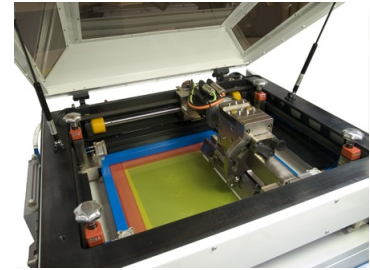


Servodriven operation modes on the control touch panel.

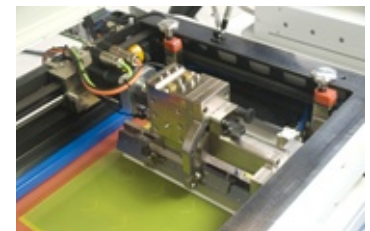


Silk screen unit

- Servodriven operation modes and adjustments made on the main control touch panel.
- Squeegee and wiper blade assembly mounted on rail system for assuring a uniform pressure on the screen on every printing width.
- Squeegee and wiper speeds and pressure servodriven regulation and computer controlled.
- Independent speeds for squeegee while printing and for wiper blade when ink filling.
- Intermitent or semirotary platform for combining the silk screen units with all kind of rotary and flat bed optionals: UV flexo varnish, rotary die cutting, hot foil stamping, embossing, die cutting, etc.



Servodriven silk screen printing head.



Printing head.

Flat bed units optionals

- Flat bed hot foil stamping:
 - With a stamping foil saving system it is possible to turn the stamping station 90 degrees crosswise with the web and unwinding the foil through an independent control system and foil saving program.
- Servodriven stroke control for slowing down the stamping plate contact and increasing the film residence time.
- Flat Bed embossing:
 - Job preparation made out of the press and regulation system for the whole block.
 - Very low cost tooling compared with the rotary embossing tooling.
 - It can be used as flat bed die cutting unit as well.



Flat bed units for hot foil stamping and embossing.



Rotary units optionals



Flexo varnish:

- For selective varnishes or primer varnishes.
- Chamber doctor blade system with reservoir for very quick and simple varnishes changes.
- Very quick and simple anilox changes.
- Plates are mounted out of the press on extractable quick lock system sleeves.
- Linerless lamination optional using the flexo unit for UV adhesif.



Flexo varnish unit and linerless laminating unit.

Rotary die cutting unit:

- For die cutting the front or the back of the web.

Back printing unit:

- For printing on the back of the web, UV printing.

Other Optionals:

- Lamination, primer varnish, perforation, holograms, sheeters, slitter-rewinders, sheeters and MIDA MAQUINARIA wet offset and letterpress printing units for special varnishes and inks (mat varnishes, metallic inks, etc.)



Rotary die cutting unit.



technical specification

SILK SCREEN

Max. Printing area	330 x 330 mm.
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SEMIROTARY PRINTING AND DIE CUTTING

Max. Web width	350 mm.
Max. Printing width	330 mm.
Min. Printing width	105 mm.
Repeat length in semirotary mode	330 mm.

FLAT BED UNITS

FLAT BED EMBOSsing

Max. Die cutting area	280 x 343 mm.
Height adjustment (mm)	+/- 1,5.
Angular adjustment (degrees)	+/- 2°.

HOT FOIL STAMPING

Max. Stamping area	280 x 343 mm.
Height adjustment (mm)	+/- 1,5.
Angular adjustment (degrees)	+/- 2°.
Transversal adjustment (mm.)	+/- 5.

REWINDING SECTION

BOB 350 IN LINE SLITTER REWINDER

One matrix removal rewinding shaft 3" size with pneumatic displacement	
Two 3" diameter rewinding shafts	
Finished roll diameter	800 + 400.
Slittering section, optical reading and badges programming	

POWER SUPPLY

Ac. 380 V - 3 phase +Neutral + Earth





MIDA MAQUINARIA

MIDA MAQUINARIA develops and builds presses for reels converting, printing and conditioning.

- Semirotary Printing Presses. MD 280 and MD 350 Series Wet offset and Letterpress.
- Flat Bed Silkscreen printing presses. SK 350 Series.
- Finishing presses by combining flat bed units and rotary units mounted on a semirotary or an intermittent web platform. MA 350 Series.
- Auxiliary Machinery: Slitter Rewinders, Sheetters, Plates mounting presses.

MIDA MAQUINARIA is a leading Company in the semirotary technology field.

