



efi REGGIANI PRIMA

Flat-bed Printing Machine

The fastest
flat-bed
in the market.

PRIMA

Analogical excellence



REGGIANI reinvests part of its yearly turnover in research and development in every printing technology: flat and rotary screen printing as well as digital printing, in order to satisfy worldwide market looking for more and more performing machines. The flat screen printing is keeping the charm and the potentialities of serigraphic printing. Thanks to the first flat bed printing machine launched during the 50's REGGIANI becomes the leading worldwide supplier.

For more than 60 years REGGIANI has been focusing on innovation, quality and customers exigencies for competitiveness. This long lasting history allows REGGIANI to be on the market with PRIMA, the flat bed printing machine which satisfies both high performing exigencies and simple and friendly machine operation.

- Suitable for any kind of fabric: woven, knitted, elastic, synthetic, from cotton to silk
- 'Bridge' printing units equipped with rubber squeegees
- Weft wise printing movement
- Squeegee adjustable pressure pneumatic
- Easy and simple man/machine operation by means of touch screens and touch pad



- High flexibility
- Blanket movement control in a closed loop
- High reliable and efficient electronics
- High quality printing blanket driven by brushless motors.



PRIMA

Flat Bled Printing Machine

EXTRALINE PRINTING TECHNOLOGY

PRIMA control and driving system, like all REGGIANI machines, is made by 'top down' interfaces connected through a field-bus.

The easiness and reliability of the system, allow a 'top down' access to all the main functions by means of one 15" TFT touch screen and two 6" touch screens, one at the entry and one at the exit of the machine, as well as by means of the control panels on each printing units.

A built-in modem, allows the connection to REGGIANI After Sales Service. All the printing parameters and the related data are anyway protected and inaccessible to guarantee Customer privacy.

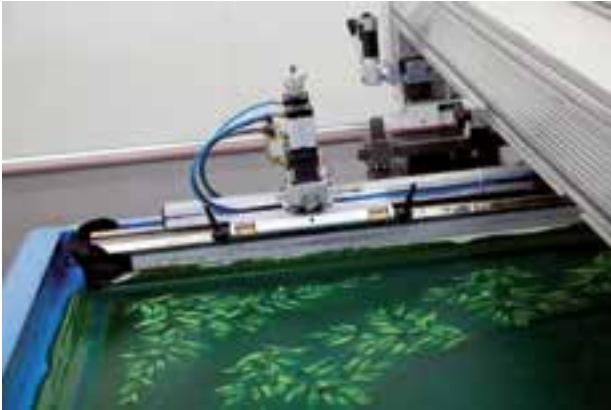


The printing pressure applied on the screen is easily and perfectly achieved even with big repeats.

Thanks to the latest innovations introduced, great printing evenness is achieved with all the repeats and with no need of any additional equipment.

The peculiar features of 'hand printing' are available thanks to the innovative pressure/speed adjustment system.

Lifting-up speed, lifting height and delays can be adjusted for each stroke satisfying the needs of any printing application. Last but not least all the printing parameters can be easily memorized and reproduced thanks to top-down interfaces.



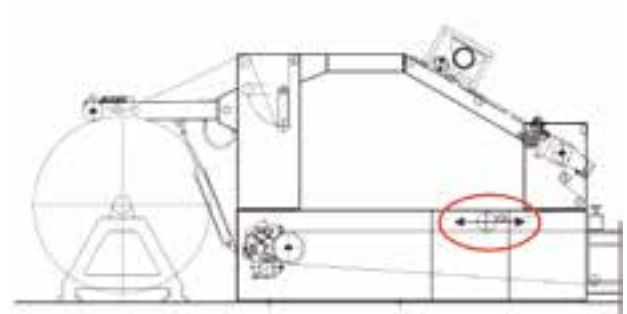
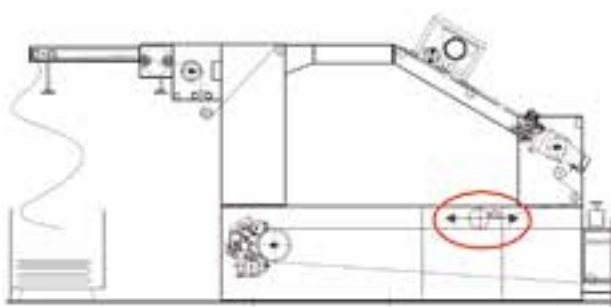
MACHINE ENTRY / DYNAPLAST

The fabric feeding, by means of built-in devices, allows to keep constant and controlled all the desired variables, like:

- Fabric width
- Fabric tension
- Kind of fabric.

The Dynaplast system synchronizes the discontinuous blanket advancement with the entry speed by providing constant speed at the introduction of fabric. This reduces the fabric tension and it is particularly suitable for knitted fabric.

The Dynaplast can be heated; this feature allows to glue the fabric onto the printing blanket in case of thermoplastic adhesives.



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15" main touch screen with colours



Touch screen for printing heads adjustment and drive

CONTROL PANEL

The control panel, placed on the operating side of each printing unit, has the following functions:

- Printing speed: from 1 to 9, independently adjustable for each direction
- Printing mode: from 1 to 9 squeegees or 'flood stroke'
- Printing pressure: from 1 to 9 independently adjustable for each direction
- Intermediate delays between the squeegee passages
- Screen adjusting lifting height to enable printing blanket advancement
- Adjustment and self learning squeegee stroke
- Test of a printing cycle with the selected parameters (cycle test)
- Unlocking device for printing units movement along the printing table.



TECHNICAL DATA

Models:	180 - 320 - 340 cm
Useful printing table:	10÷56 mt
Number of installable colours:	from 4 to max 24
Repeat fractioning:	optional
Squeegee pass:	weft wise
Squeegee system:	'bridge' 'EXTRALINE'
Printing unit set up:	independent per each printing unit
Advancement:	at adjustable speed
Screen lifting up:	at individually adjustable height and speed
Flat screens:	serigraphic with four hooking-up devices
Operating side:	right or left (upon request)
Colour feeding:	manual or automatic (optional)
Printing table height:	80 cm from the ground

REGGIANI reserves the right to modify, at any moment and without prior notice, the data and technical specifications published herein.

OPTIONS

MSP Multi Stepping Printing: 'Jumping' printing for 'Sarees'.

EFI fuels success.

We develop breakthrough technologies for the manufacturing of signage, packaging, textiles, ceramic tiles, and personalised documents, with a wide range of printers, inks, digital front ends, and a comprehensive business and production workflow suite that transforms and streamlines the entire production process, increasing your competitiveness and boosting productivity. Visit www.efi.com/reggiani or call +39 035 3844511 for more information.



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