



Automatic screen printing machine suitable to achieve high speed, precise printing on cylindrical and conical glass containers and tableware.

RB46-R has been thoroughly reengineered on the basis of the experiences made on the successful RX series achieving higher machine speed and better colour-to-colour registration and UV inks processing capabilities. The synchronization between the action of the screen and the rotation of the product is obtained by racks and gears made of steel, combining productivity and simplicity of operation and maintenance.

The machine standard set up is comprehensive of:

- Main control board separated from the machine including electronic equipment with PLC controller, colour touch screen panel, job storage and recall facilities
- Telephone modem connections for remote service and assistance
- Independent controls are applied at each printing station
- Pre-setting bench and rack adjustment systems for fast set-up
- Micrometrical adjustment of the screen frames
- Equipped for cylindrical printing
- Prearranged for fast installation of conical and body/ neck printing systems
- Mechanical countersinking system
- Body or bottom notch ware pre-positioning system
- Squeegee holders with micrometrical adjustment, fast set-up positioning and variable inclination
- Automatic system for independent squeegees and screens supplementary lifting
- Independent screen-frame connections and heating units with double temperature control system
- Automatic mechanical load system including conveyor, spacer disk, double stop bars
- Automatic mechanical unloading system with safety device
- "No glass - No print" system
- Counter-squeegee device, for colour recovering
- Protection casing and doors complying to E.C. safety standards
- Standard outfits and accessories
- Operation and maintenance manual including detailed technical drawings for machine
- Parts identification

The machine is prearranged for the installation of a wide range of optional tools for various applications including:

- Printing stations for double cylindrical (body and neck) and conical printing
- Set up for printing on flat surfaces
- Independently monitored servo-assisted controls for screen and squeegee vertical positioning
- Pre-arrangements and protections for U.V. Inks printing configuration
- Machine unloading conveyor with reversing device for tumbler printing

RB46R

6 colours



CONTAINERS

Technical data	RB46R
max. number of registered colours	6
max. ware diameter for printing on 360°	120 mm
min. ware diameter for printing on 360°	30 mm
max. ware height	350 mm
max. speed (dry cycle)	70 pcs/min
loading system	automatic
total connected load (400VAC/3PH+neutral-50HZ)	30 Kw
air consumption (6 bar pressure)	15 m ³ /h
vacuum consumption (400-500 mm HG)	20 m ³ /h
approx. floor area (including foot-board)	cm 510x520x350 h
approx. weight	kg 7000

TECNO 5 S.p.A. | Via Micheli 13 - S. Polo di Torrile | Parma - Italy
Tel. +39 0521 317211 | Fax. +39 0521 317215
e-mail: salesdept@tecno5.it | www.tecno5.it

TECNO5

technology for screen-printing on glass