



Automatic screen-printing machine servo-controlled suitable to print up to a 7 colours UV, designed for high printing precision on glass containers and tableware of different shape and dimensions. The machine has installed the well tested electronic technology coming from the RX experience, which ensure the maximum reliability in terms of performances and interchangeability of components. The new RX7UV has been designed to meet the specific needs of a decoration market that is more and more oriented in the use of organic inks and is also requiring flexible machinery with high number of printing stations and adaptable sections suitable to be equipped with the most different applications. All in a reasonable floor area. With its 17 stations, the RX7UV is the ideal answer to the highest requirements of this important market segment which is in fast growth.

- Pre-positioning system obtainable by means of different optional devices including optical system on the side and on the bottom article
- Full 7 colours printing without penalisation of one colours for pre-positioning
- 8 flexible sections for easy installation of different application including UV systems
- Greater precision due to electronically defined length of the decoration
- Fast machine set-up and fast job change
- Remote assistance via internet

The machine standard set up is comprehensive of:

- Main control board with colour touch screen panel, and PC computing capabilities allowing reliable storage of set-up and production data and high compatibility with production management software.
- Internet connections for remote service and assistance
- Independent controls are applied at each printing station
- Printing stations are prearranged for easy installation of different printing tools.
- Flexible sections are prearranged for easy installation of up to 7 UV lamps and accessories such as automatic UV ink feeding system, flames exhausting system
- Mechanical countersinking system
- Body or bottom notch ware pre-positioning system
- Squeegee holders with micrometrical adjustment, fast set-up positioning and variable inclination
- Independent screens and squeegees lifting system for easy access for cleaning and replacement
- Screens supplementary lifting
- Independent screen-frame connections and heating units with double temperature control system
- Automatic load system including variable speed conveyor, spacer disk and double stop bars
- Automatic unloading system with safety device
- "No glass - No print" system
- Centralized lubrication system for central main shaft add rotary table mechanisms
- Protection casings and doors complying to E.C. safety standards
- Machine 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 the various applications including:

- Optical reading system for ware pre-positioning
- Printing stations for double cylindrical (body and neck), conical, flat and elliptical printing
- Independently monitored servo-assisted controls for screen and squeegee vertical positioning
- Electronically controlled distance between the bottles on the Lehr conveyor
- Glass pre-treatment system to be defined according to specific customer needs



UNIVERSAL UV

	Technical data	RX7UV
UNIVERSAL	max. number of registered colours	7
	max. speed (dry cycle)	60 pcs/min
	loading/unloading system	automatic
	total connected load (400VAC/3PH+ground-50HZ)	130 Kw
	air consumption (6 bar pressure)	30 m3/h
	vacuum consumption (400-500 mm HG)	30 m3/h
	approx. floor area (including foot-board)	cm 790x810x350 h
	approx. weight	kg 20000
ROUND PRINTING	max. ware diameter for printing on 360°	120 mm
	min. ware diameter for printing on 360°	15 mm
	max. ware height	370 mm
FLAT PRINTING	max. ware width	120 mm
	max. ware height	370 mm
ELLIPTICAL PRINTING	max. ware radius	70 mm*
	min. ware radius	45 mm
	max. ware height	300 mm

*The radius can be increased depending on the printing area