

When printing meets art



TECNO5

technology for screen-printing on glass

RX9011 | 4 UV

full electronic | 8 colours
4 colours UV

Universal



Automatic high-speed screen printing machine equipped with electronic

repositioning system, designed for high printing precision on glass containers and tableware of different shapes and dimensions.

- Fast preparation of the machine and fast change of production
- Simpler toolings at lower costs
- Greater precision due to electronically defined length of the decoration
- Full 8 colours printing, without penalization of one colour for prepositioning
- Quieter
- Assistance via Internet

The machine is equipped with control board with touch screen control panel, PC computing capabilities which allow reliable storage of set-up and data production and high compatibility with production management software.

Independent machine controls are applied near to each printing station, which is prearranged for easy installation of different printing tools.

The machine include outfits and accessories and is prearranged for the installation of a wide range of optional tools for various applications, including a laser system that allows precise pre-positioning of bottles without notches.

RB46R

6 colours

Containers




































































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.

A direct link between the main rotary table and a heavy duty indexer provides maximum reliability and performance even in the most demanding conditions of operation. The synchronization between the action of the screen and the rotation of the product is obtained by steel racks and gears, combining productivity and simplicity of operation and maintenance.

Easy to use: PLC unit installed in the main control board separated from the machine frame; independent machine controls applied near to each printing station; micrometrical adjustment of the screen frames; equipped for cylindrical printing and prearranged for the installation of conical, flat, and body/neck printing; automatic system for independent squeegees and screens supplementary lifting; independent screen-frame connections and heating units with double temperature control system.

PRODUCT CHART

		RX9011	RX7UV	RB46R	RC697	RM696 RM496
COLOURS		8	7	6	6	6 / 4
PRODUCT						
						
						
						
						
SHAPE						
						
						
						
MAX		120	120	120	120	120 (160)
MAX		370	370	350	350	390 (260)
U.V.						
DOUBLE STATION						
PRE-POSITIONING						
						

RX7UV

full electronic | 7 colours UV



Universal UV



Automatic screen-printing machine servo-controlled suitable to print up to 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 ensures 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 · heavy metals free · with no need of firing at high temperature · with wide range of colours available
- requiring flexible machinery with high number of printing stations and adaptable sections suitable to be equipped with the most different devices such as drying stations, pre-treatment unit, polishing unit, and other type of decoration. 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 colour for pre-positioning
- 8 flexible sections for easy installation of different optional systems
- greater precision due to electronically defined length of the decoration
- fast machine set-up and fast job change
- remote assistance via internet

RC697

6 colours



Tableware



The RC series comprehends 6 colour automatic machines specific to the requirements of the tableware decoration market.

The printing cycle based on the indexing motion system and the over-dimensioned, reliable mechanisms makes these machines suitable for continuous operation and a long, trouble free operational life.

The machine which is equipped with hydraulic lifting system and handle orientation tool for printing on mugs and cups, includes a countersinking system to firmly hold the ware all along the machine cycle allowing higher precision in colour-to-colour registration.

Fast job-change system with pre-setting bench allows to reduce machine set-up time.

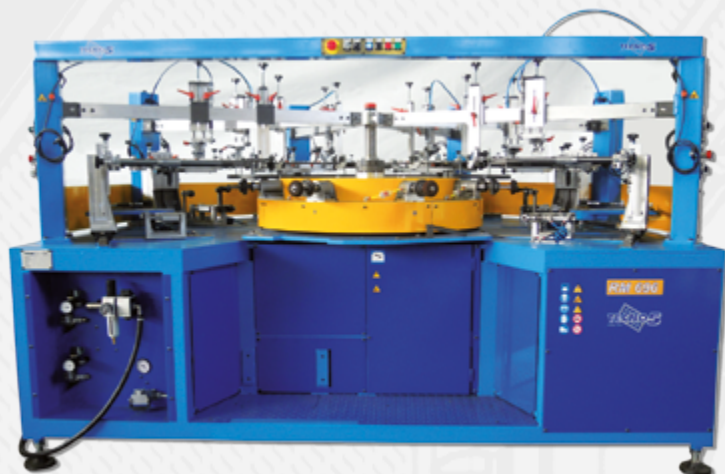
Prepared for applying different outfits and accessories, such as conical printing and paint brushing stations.

RM696 | 496

6 colours

4 colours

Semi Automatics



The renewed RM series are 6 and 4 colours manual or semiautomatic screen printing machines suitable to achieve high printing precision on cylindrical and conical glass tableware.

The renewed 4 colour machine is realized on the same frame of the 6 colours, increasing the machine safety features and durability of the mechanisms.

Manual loading and unloading allow this machine to print on the most peculiar shapes, while the possibility to add different production tools makes the machines adaptable to the Customer's needs.

Machines are pre arranged for the installation of the automatic unloading system and various machine outfits and accessories. Indexing motion system, over-dimensioned mechanism and sturdy assembly assure that these machines will guarantee maximum reliability, accurate printing and long trouble free operation.

In the RM 696/496 series we have redesigned and reinforced: arms supporting star, toothed crown wheel, ware holder support shaft, carriage, ware supporting rolls, leverism, transmission and lifting.

Accessories

Feeding Table

with load cell



The Feeding Table is an essential optional for high productivity machines, which demand a constant feed of bottles.

The unit is now supplied with a system which allows to control the quantity of bottles on the revolving table, avoiding scratches and providing a smooth flow of products to the machine.

Enamel Heater

8 pots

This electronically controlled unit maintains large quantities of Ceramic and Thermoplastic enamels at the desired temperature, allowing easy and spoil-free screen charging during machine operation.

The unit is arranged by 2 independently controllable sets of 4 pots.



Conveyors



We can supply independently driven conveyors, designed on customer demand. The conveyors can be linked to the machine by a means of an electronic synchronization system which will maintain the distance among the products, regardless of the machine speed.

Push Bar

single and multi body



Automatic Push-Bar, designed to transfer the printed items from the machine conveyor to the Lehr. The unit can be designed in a single or double independently controlled units.

The optional "anti-fall" feature allows safe handling of the most unstable bottles, giving the possibility to leave free areas on the belt of the Lehr to avoid a "domino" effect in case of accidental fall of a bottle.



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