

MACHINE 982/12-C

CNC screen-printing machine
for glass bottles*.

Up to 9 colors.

* versions for tumblers and stem glasses also available.

PRINTING QUALITY

USER
FRIENDLY

FLEXIBLE

HIGH
OUTPUT

SHORT RETURN
ON INVESTMENT

UNIVERSAL



machines
DUBUIT

UNIVERSAL: all around printing (360 °) on any developable geometric shapes.

HIGH OUTPUT: up to 75 cycles/mn.

PRINTING QUALITY: no vertical screen movement during printing cycle.

USER-FRIENDLY: production changes without any tools, good accessibility (no platform).

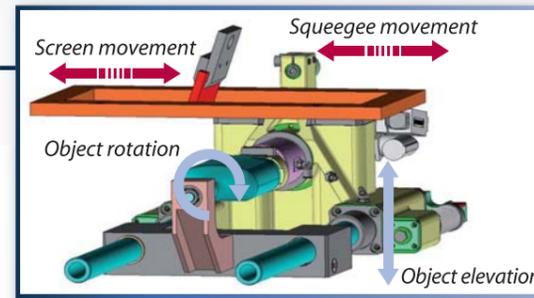
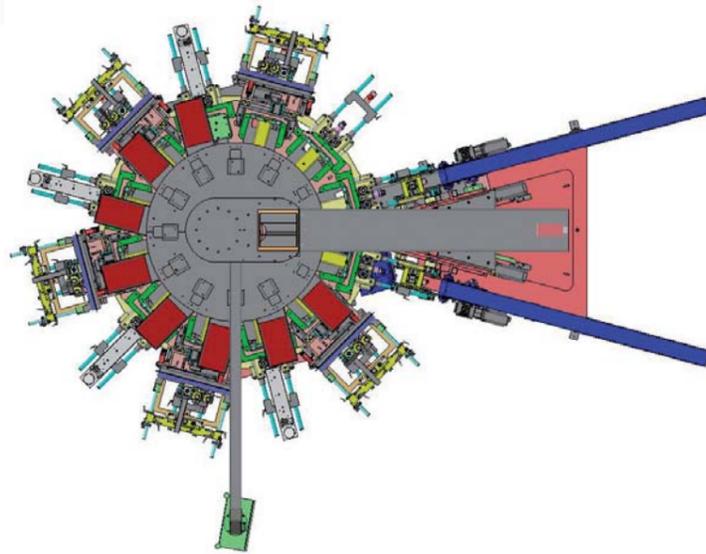
FLEXIBLE: highly reduced time of change of production.

MAINTENANCE: no mechanic under the bottles.

SHORT RETURN ON INVESTMENT, including on small runs.

The 982/12-G CONCEPT meets your current expectations

The concept 912/12-G fully servo-driven allows screen printing on any developable shape existing on the market today. These include but are not limited to: Cylindrical, Oval, Polygon & Flat. The printing heads are totally independent allowing decoration on bottles of complex forms. It is possible to program a different geometric shape and decor for each printing head. The machine 982/12-G allows to print up to 9 colors enamels or 4 colors UV on the same bottle with accurate registration between colors.



Fully servo-driven allows screen printing on any developable shape existing on the market today. Conceived to give an optimum flexibility, the printing head allows to print transverse or longitudinal.

Printing quality

Movements controlled by servo-driven technology. Perfect precision between colors: the object is never released during transfer from one head to another. Belt less direct transmission of movements to the object holders. No vertical motion of the screen during printing cycle ensures highest quality printing.

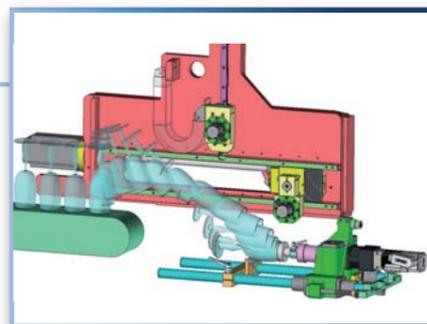
High output

Loading/unloading, orientation, registration, flame treatment and UV drying operations are simultaneously performed during printing cycle. Servo-driven technology enables anticipation of axis movements and therefore allows a greater optimisation.



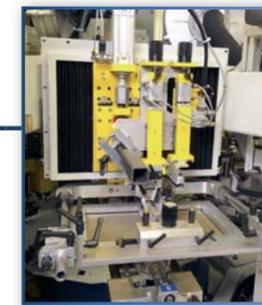
Loading/unloading servo-driven robot arm.

Machines Dubuit has also developed a specific version of the 982/12-G, dedicated to the printing of tumblers and stem glasses. In this configuration the handling of the parts is done by aspiration on the rim and holding counter-point.



Flexibility

Printing up to 9 enamel colors or 4 UV colors with the same machine. Advanced numerical controls of the flame treatment to match every bottle shape. Each printing head is independent and can print a different geometric form and artwork at each station. (Ex.: all around printing on the cylindrical part of a glass container with different diameters: case of conical bottles).



4-axis printing head.

Reduced changeover duration

Unlimited data storage. Full definition of parameters via touch screen. User-friendly interface (Windows environment). Memory storage of all production parameters. Assisted programming: system of virtual animation via touch screen interface reproducing kinematics object/screen/squeegee of bottles of complex shapes.



Parameters back-up.



Examples of machine configuration

9 enamel colors configuration:

- Automatic loading and unloading
- Registration
- 9 printing heads

Option : 4 removable UV ovens enabling depending on the production type 9 enamel colors or 4 UV colors to be printed.

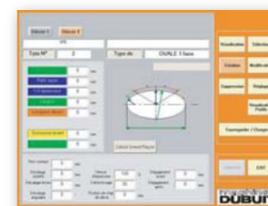
Mixed configuration (8 enamel colors/4 UV colors):

- Automatic loading and unloading
- Registration
- Flame treatment
- 8 printing heads
- 4 removable UV dryers

Mixed configuration (4 enamel colors/4 UV colors):

- Automatic loading and unloading
- Registration
- Flame treatment
- 4 printing heads
- 4 UV dryers

Printing of one or 2 sides or all around on complex shapes



- User friendly touch screen interface.
- More than 13 large groups of pre-programmed shapes simplifying the definition of objects parameters.
- Possibility of loading object design in DXF format.
- Coded colors giving a better legibility.
- Unlimited data storage.
- Remote maintenance.

Technical data

12-station carrousel machine

Dimensions of objects:

Part diameter from 50 to 120mm (For larger sizes, please consult us)
Height from 180 to 380mm

Printing dimensions:

Maximum printing length = 380mm
Maximum printing height = 280mm

Production output: up to 4000 objects/h

Weight: ± 14000kg

Equipment: SIEMENS for all servomotors and control interface.

The concept 912/7-G fully servo-driven allows screen printing on any developable shape existing on the market today. These include but are not limited to: Cylindrical, Oval, Polygon & Flat... The printing heads are totally independent allowing decoration on bottles of complex forms. It is possible to program a different geometric shape and decor for each printing head. The machine 912/7-G allows printing up to 4 enamel colors or 2 UV colors on the same bottle with accurate registration between colors.

Technical data

7-STATION CAROUSEL MACHINE

Configuration: Up to 4 enamel colors or 2 UV colors.

Dimensions of objects:

Object diameter up to 50 to 120mm.

(for larger sizes, please consult us)

Height from 180 to 380mm.

Printing dimensions:

Maximum printing length = 380mm

Maximum printing height = 280mm

Production output:

Up to 4000 objects/h.

Weight: ± 8000 kg.

Equipment: SIEMENS for all servomotors and control interface.



Semi-automatic CNC machine

Equipped with 4 servo-driven axis, the 902-G can print any shapes of developable objects (object: rotation and elevation; squeegee and screen: lateral movement). Downstream drying accomplished on an independent dryer.

Allows validating decors, output and consumables before production on automatic carousel 982/12-G (or 912/7-G).

In addition, the machine 902-G can be used to train operators without having to stop the production on the automatic machine. Ideal equipment to run test batches or other productions that would not be possible on a conventional semi-automatic machine.



Semi-automatic machine type 902

Specialist Manufacturer of printing machines on objects since **1932**

Over **25 000** machines sold worldwide

More than **15** years of experience in numerical technology

More than **200** technical innovations patented to date

ABOVE SPECIFICATIONS ARE JUST INFORMATIVE AND CAN CHANGE WITHOUT NOTICE.

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