

MAPS 1000

SILK-SCREEN PRINTING MACHINE

FOR PLASTIC CONTAINERS



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UNIVERSAL SILK-SCREEN PRINTING MACHINE

The model MAPS 1000/U.V. is an automatic machine for high resolution multicolour silk-screen printing and it can be used both with standard and U.V. ray drying ink.

In the field of plastic container production, this machine is a new important system having the following features:

- modular type structure, that can be assembled in line to build multicolour systems up to 6 colours;
- extremely simple structure. The machine uses only a piece support for each colour, **ONLY ONE MANDREL**, thus enabling a considerable time reduction for size change
- pre-setting system of the blocks out the machine with total adjustment possibility; this allows the machine to be prepared for the following printing while it is working, with a considerable time reduction
- great printing accuracy, thanks to the utilization of a fixed piece support for each colour and to the pre-setting out of the machine;
- utilization of two drying sources: standard and U.V. ray drying, so as to guarantee the most suitable colour choice for any requirement, keeping the traditional working system.

FEATURES:

- * extremely simple construction;
- * great reliability;
- * maximum versatility;
- * very low maintenance level;
- * the operation cycle controlled by Programmable Logic Control and allows the next modules to be introduced in line with the simple connection of an electric cable;



The machine MAPS 1000/UV has a very new numeric control system for an **excellent adjustment of the screen stroke easily and quickly**



BASIC EQUIPMENT

- Programmable Logic Control.
- Mechanical squeegee operation
- MICRO screen adjustment
- Optical control **NO ARTICLE-NO PRINT**
- OPERATOR INTERFACE: TOUCH SCREEN DISPLAY
- PRESETTING OUT OF THE MACHINE

THE MACHINE CAN BE EQUIPPED WITH ADDITIONAL AUTOMATIC EQUIPMENTS: DE-STACKER (DAN) at the entrance and RE-SATCKER (RAN)at the exit

SPECIFICATIONS	
Model	MAPS1000
SIZES FOR N. 1 COLOUR UNIT	7,2mt(L) – 1,4mt(W)-2,2mt(H)
WEIGHT	900Kg
Electric INPUT	Can accommodate any voltage, either 50 HZ or 60 HZ
Electric consumption	6 kW
Pneumatic INPUT	AIR: 6atm
Pneumatic consumption	300 nlt/ minute
Gas consumption	0,42 m³/h
GAS	PROPAN-BUTHAN-METHAN
Cycle speed	(900-1.500) cy/hour
Containers' shape	Cilindrical Troncated-cone
Containers sizes	Diameter: from 120mm to 360 mm Height: from 120mm to 380 mm

INDICATIVE DATA AND SUBJECT TO ADAPTATIONS