

MO 2084



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AUTOMATIC OFFSET MACHINE
MÁQUINA OFFSET AUTOMÁTICA



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Automatic machine for the dry-offset printing from 4 to 8 colour of cylindrical containers. Equipped with 24-station indexing turret. Maximum mechanical speed 100 ppm.



Technical standard characteristics

- 24-station rotating turret with indexing movement;
- hinged roller-holding heads for easy opening in order to facilitate plate and roller changing and cleaning;
- accurate register for axial and peripheral plate adjustment; these can be carried out even when the machine is running;
- rollers on ink fountain controlled by a 3-phase A.C. motor, with frequency converter, in order to ensure adjustment of a precise quantity of ink;
- all the gears have inclined teeth to ensure a positive control and avoid shadows on the decoration;
- central printing drum with ceramic coating;
- electropneumatic device for printing head lifting to prevent printing on the mandrel when a container does not come into printing position ("no container – no printing" device); another device is activated together with "no container – no printing" device, this device is called "no container – no inking" and it disconnects all form rollers from their plates in order to avoid an excess of ink on the container printed just after an empty mandrel;
- lacquering unit;
- pre-starter device for containers during printing to control rotation speed;
- electronic synchronism (electric shaft) between brushless motor for indexing turret driving and brushless motor for Printing head control;
- control of all machine and accessory functions by a PLC with digital Bus Field system;
- speed variator with 3-phase motor and electronic control of number of revolutions by inverter;
- automatic loading and unloading devices;

- flame pre-treatment with electronic flame detection;
- on-mandrel drying of print and lacquer through UV lamp with electronic control.

Optional Devices

- connection to automatic feeding systems, i.e.: – pin accumulator;
– ODT device;
- electronic pre-treatment;
- dust cleaner and static electricity remover;
- device for lacquer automatic feeding with control of temperature and viscosity;
- hot-air blower for matt lacquers;
- remote technical assistance;
- screw-on capping device;
- quick release mandrels which do not require the use of tooling;
- additional printing head (device TOI) for “out of machine” change-over.

Technical data

- max mechanical speed: 100 pieces /minute;
- min and max container diameter: 15 – 60 mm;
- min and max container height: 50 – 220 mm
- number of mandrels: 24
- number of printing sectors: 1, 2 or 4.

Please contact MOSS in case of containers which sizes go beyond by defect or by excess, the above mentioned dimensions.