

Automatic machine for dry offset printing in up to 7 colours on tapered plastic cups

General Features

- Automatic cup feeding system ensuring a sufficient buffer
- Separate motorization, but synchronized, for 'revolving plate group' and 'print group'
- Ink temperature control
- Variable speed mandrel drive
- 'Corona' pre-treatment with electronic generator provided with 'hole detector device'
- Separate rotation of the mandrel in the printing station, synchronized with machine speed
- Safety devices; 'no-cup-no-print'
- Curing through UV radiation source (single lamp cooled by air with adjustable power)
- Double discharge station for 'good' and 'defective' containers
- Final restacker with exact counting device
- Electrical control panel with latest generation display and PLC
- Preparation of printing plates through drilling system with cameras and monitors

TECHNICAL DATA

Maximum production speed up to 400 pcs/min.
(according to size and quality of the container)

Minimum and maximum diameter of the container on the edge 50 mm - 140 mm

Minimum and maximum height of the container 40 mm - 170 mm

Maximum printing width 130 mm

Maximum printing length 347 mm (420 mm on request)

Taper from 2° to 13°

Number of mandrels 8

Rubber blankets on central drum 4

Electrical installed power (machine only) 30 KW (UV lamps included)

UV curing power 8 KW

Air consumption and pressure 900 l/min. at 6 bar

Weight 5.000 kg approx