GENERAL INFORMATION

## 1. SPECIFICATIONS

Dimensions

- Depth        1 600 mm
- Height (doors open)  2 250 mm
- Length
    - one-color machine  3 600 mm
    - two-color machine  5 300 mm
    - three-color machine        7 000 mm
- Weight
    - one-color machine  about 2 500 kg
    - two-color machine  about 5 000 kg
    - three-color machine        about 7 500 kg

Consumptions

- Installed power
    - one-color machine  20 kW/h
    - two-color machine  28 kW/h
    - three-color machine        35 kW/h

- Maximum air consumption        10 Nm3/h
- Fan delivery rate      730 m3/h per UV dryer

Output

- Mechanical output     4 500 objects/hour
- Screen length   420 mm or 560 mm
- Printing stroke   from 138 to 333 mm
- Screen stroke   from 195 to 391 mm

Noise level

- One-color machine   78 dB (A)
- Two-color machine   80 dB (A)
- Three-color machine 84 dB (A)

The operator is advised to use ear defenders when the noise level of the machine is greater than 80 dB (A).

Objects characteristics

Cylindrical objects

• Minimum diameter
     - without registration  20 mm
     - with registration      35 mm
•     Maximum diameter
     - partial printing 120 mm
     - all around printing   106 mm
     - special option for all around printing 120 mm

Oval objects

•     Maximum thickness  70 mm
•     Minimum thickness   30 mm
•     Maximum width 120 mm
•     Minimum radius 40 mm
•     Maximum radius      190 mm

Flat objects

•     Maximum thickness  120 mm
•     Minimum thickness   20 mm

For all object types

•     Maximum height      300 mm
•     Printing height with regard to the object chuck   230 mm


## 2. EQUIPMENTS

The machine has been designed to print on cylindrical, oval or flat plastic objects.

The basic machine consists of:

-     an infeed module fitted with:
     a feeding conveyor, a loading manipulator, a step by step transfer, one or two dedusting stations (option), one or two flame treatment stations (option), a positioning device;

-     a printing module fitted with:
     2 vacuum transfer hands, an inflation device (option), a no-object no-print safety device, a registration device (option), a printing head equipped with a pneumatic squeegee, a UV drying station;

-       an unloading station.