

# Pail Automatic Machine

High speed UV

SCREEN PRINTING MACHINE

**DUBUIT**

Printed by  
PAIL Machine

**PAIL - BUCKET**

**DUBUIT**

Screen Printing Machine

[www.dubuitfareast.com](http://www.dubuitfareast.com)



# Pail Automatic



# DUBUIT

- ▶ Speed can go up to 1,500 objects/hour
- ▶ Toolings change over time estimated at 20 min per printing head
- ▶ Pre-registration and registration per printing station
- ▶ PLC color touch screen control
- ▶ Simple use with control boxes
- ▶ Up to 10 colors inline
- ▶ Pail separator (optional)
- ▶ Inflation at each station (optional)
- ▶ Modular construction available (extra colors modules can be added for future extension on request)

**The Pail Automatic** is a special UV screen printing machine, manufactured with Dubuit quality, for pails/buckets. The Pail Automatic has been developed in cooperation together with some pails/buckets manufacturers to print sizes from 5 liters up to 20 liters for up to 10 colors.

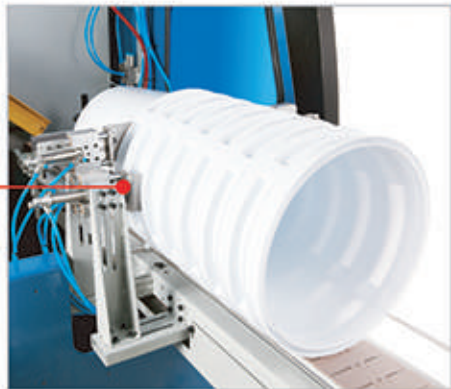
Each printing head is equipped with pre-registration and registration stations before the printing station. It has a modular design so you can add additional printing module at a later date to respond to the market faster.

At the first station is the printing pretreatment so when the pails are transferred from the infeed conveyor to the first printing station they are flame treated. In case there is no object the flaming device is automatically shut off. There is also an optional anti-static device that can be added to this pretreatment station.

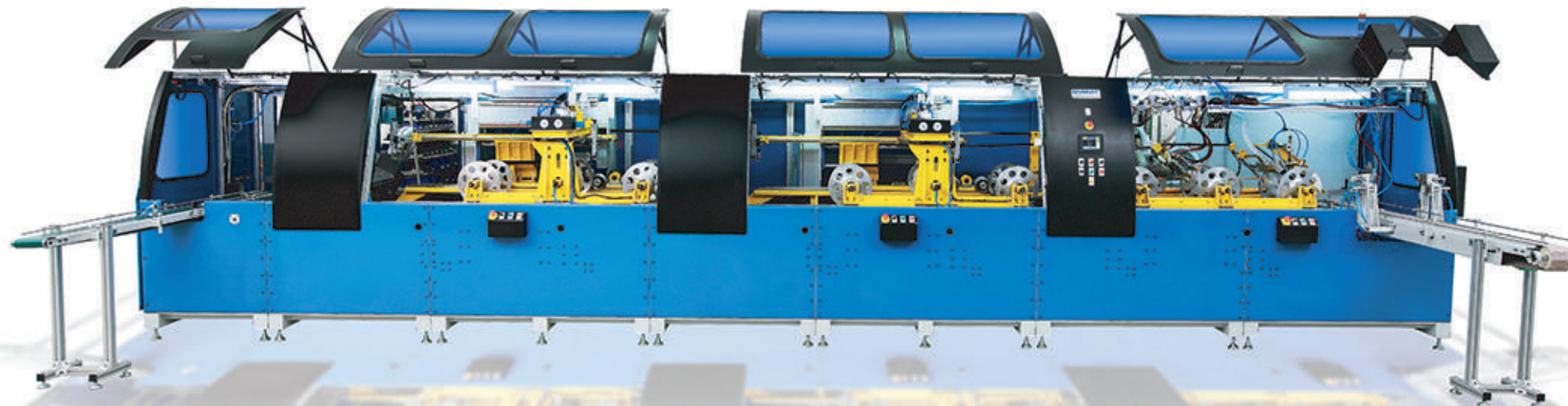
The Pail Automatic machine is the fastest, the easiest to maintain and provides the best printing quality available.



Separator device (optional)



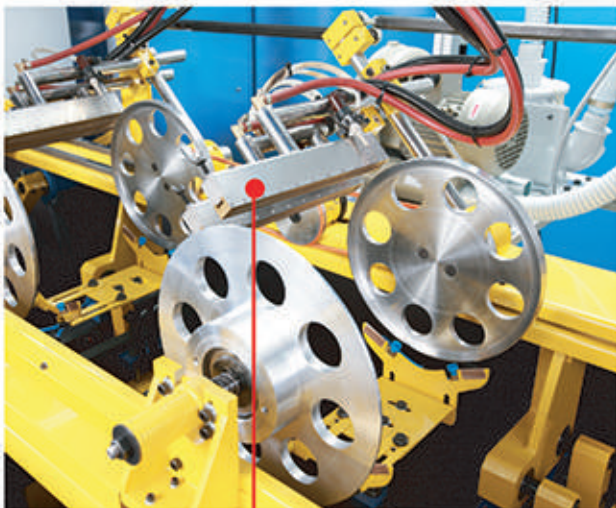
Separate pails one by one at the infeed conveyor



PLC color touch screen

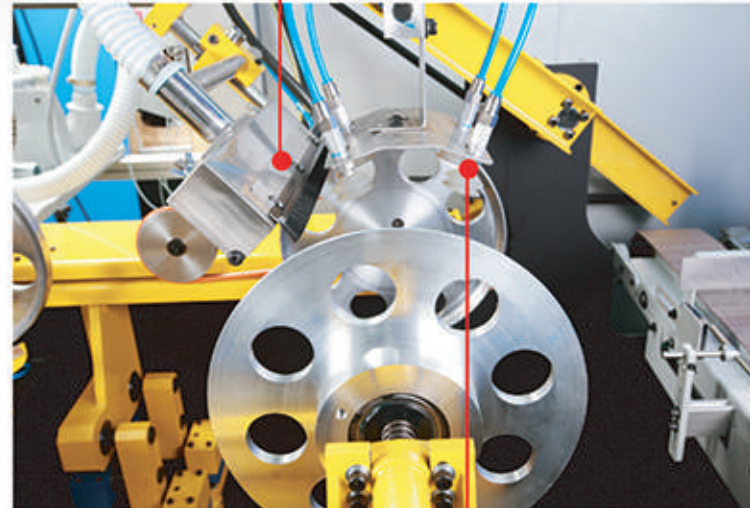


Flame treatment



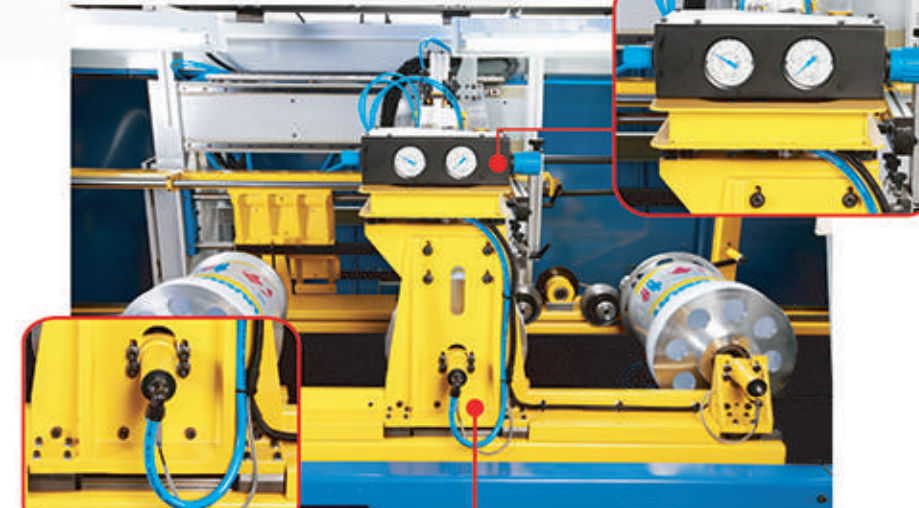
No object - No flame

Antistatic device (optional)



Pick and place device

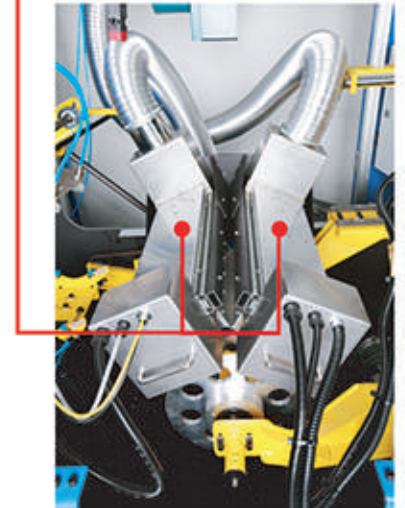
Printing Station



Inflation device (optional)

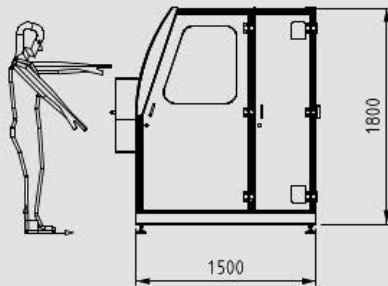
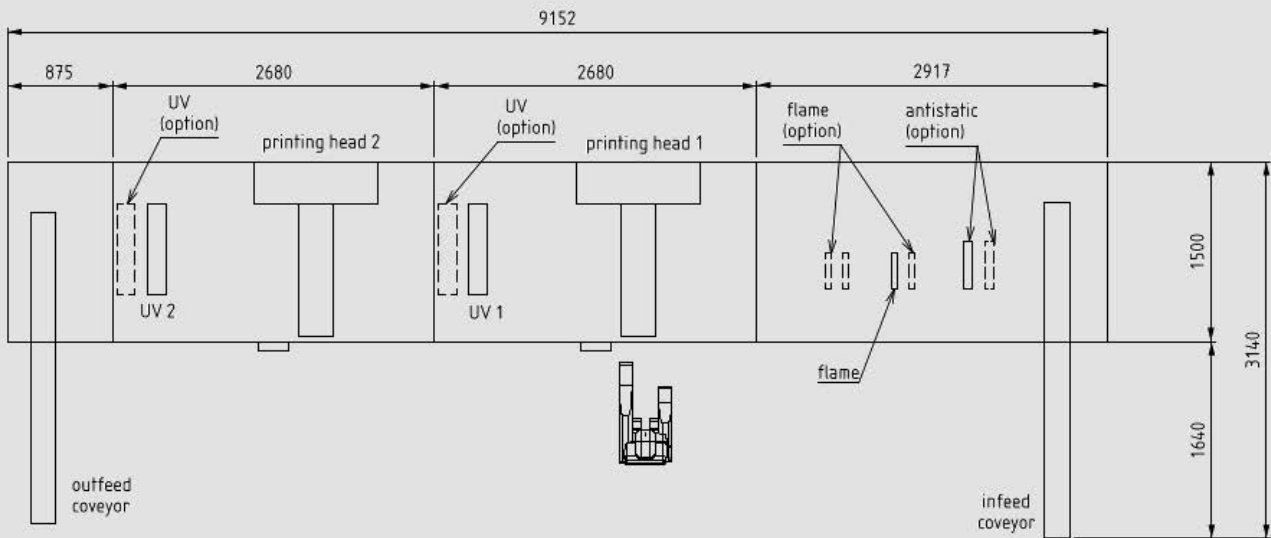
Pneumatic adjustment device

Compact Double UV Dryer (optional)





# Pail Machine 2 colors Layout



Weight = 6.5 TON

## SPECIFICATION

**PRINTING OUTPUT:** Up to 1,500 pail /hour  
(for 5 L pail)

Up to 1,200 pail /  
hour (for 20l pail)

### POWER:

1st station	6.5	kW
Other stations	6	kW
Last station	11	kW

### AIR CONSUMPTION

Main Pressure	6	bars
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## SIZE OF OBJECTS

**Objects dimentions :** indude-in cylindrical from diameter SL up to 20L

**Minimum diameter:** 150mm

**Maximum diameter :** 330mm

**Maximum conical angle** 5 degrees

**Maximum screen stroke** 1150mm

**Maximum Printing stroke/ lenght :** 1150mm