

# EXCELLENCE 252E

AUTOMATIC HIGH SPEED UV SCREEN PRINTING MACHINE

For Flat - Oval Objects

**DUBUIT**

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# EXCELLENCE 252E



The **EXCELLENCE** is specially designed for printing on flat or oval containers up to 5 liters and other objects such as battery cases, using UV drying. The UV curing unit is installed after each printing station.

The **EXCELLENCE** machine is built as a single color module which can be connected to other modules in a multicolor printing line (Up to 6 colors).

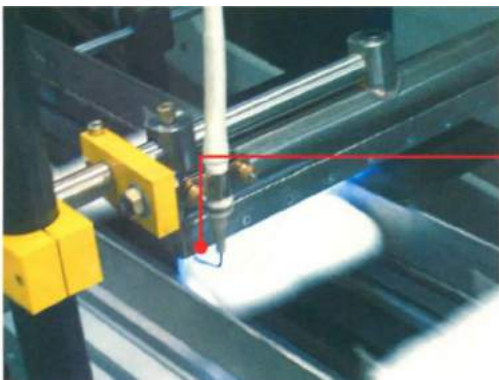
The **EXCELLENCE** has a long in feed conveyor to provide accumulation of objects for convenient feeding.

The **EXCELLENCE** machine is built with **DUBUIT'S** worldwide quality standard, premium materials and internationally reputed components.

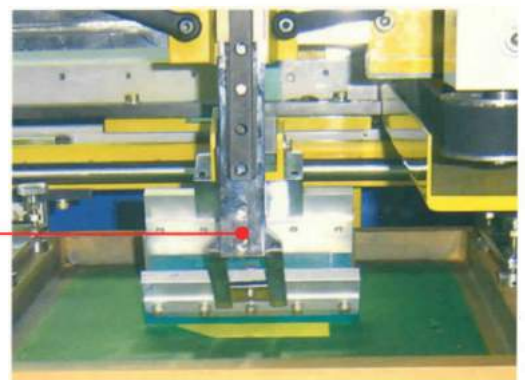
- **Easy Maintenance**
- **Fully Mechanically driven**
- **Quick tool change over less than 30 min.**
- **High definition printing with perfect registration.**



Possibility to change to Perpendicular Printing suitable for containers with marks on the surface for a high printing quality.



Flame treatment  
No object-no flame  
(optional)





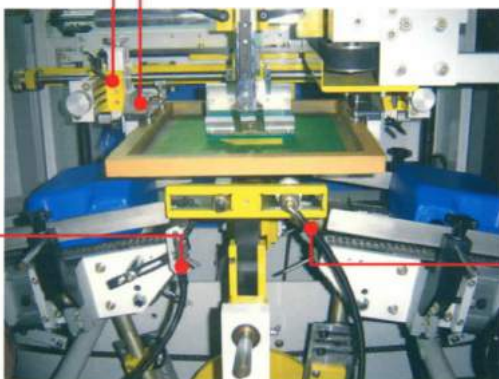


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- **Speed : 4000 prints per hour**  
(depending on the objects)
- **Built in flat and oval attachments**
- **Economical to run : low tooling cost**
- **Split configuration available for a higher production flexibility :**  
1+1, 2+2, or 2+3... (adjustable on demand)
- **UV technology**  
(adjustable power from 50%-100%)

Easy micrometric adjustment of screen in 3 axis

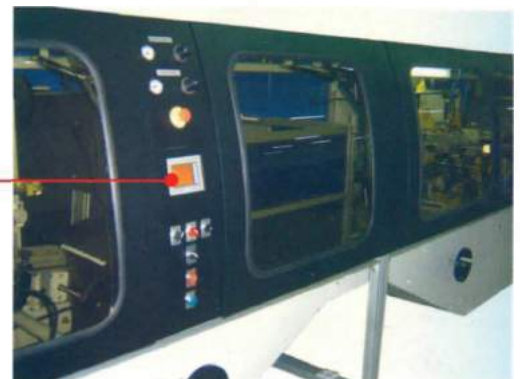


No objects - no print device

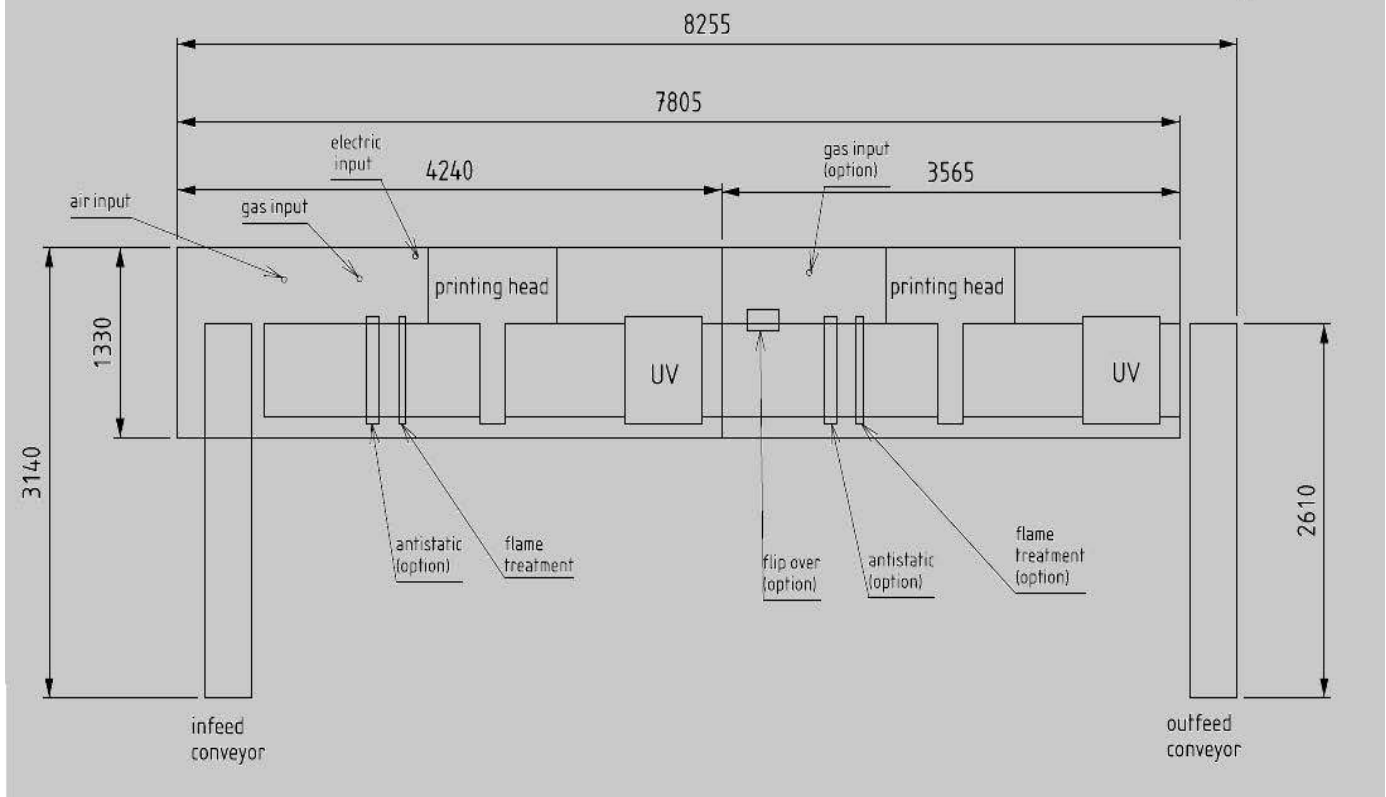
Tiltable screen arms for easy cleaning

Adjustable inflation for soft objects printing

Electronic Programmable Logic Controller with LCD or touch screen display to monitor all machine function (optional)



## 252E Machine Layout



### SPECIFICATION

<b>MECHANICAL OUTPUT</b>	4,000 bottles/h and up (depend on bottle size)
<b>POWER CONSUMPTION</b>	
First station	8.5 kW
Additional station	8 kW
<b>AIR CONSUMPTION</b>	
Main pressure	6 bars
Per station without burner	5 n\ Nm <sup>3</sup> /h
Burner	7 to 12 Nm <sup>3</sup> /h (depend on burner size)
<b>GAS CONSUMPTION</b>	0.4 to 1 Nm <sup>3</sup> /h (depend on burner size)
<b>AVERAGE CHANGE OVER TIME</b>	20 min / station

### SIZE OF OBJECTS

<b>HEIGHT (all objects)</b>	Min 70 mm. Max 320 mm.
<b>OVAL PRINTING</b>	
Thickness	Min 20 mm. Max 120 mm.
Width	Min 20 mm. Max 120 mm.
Surface radius	Min 40 mm. Max 250 mm.
<b>FLAT PRINTING</b>	
Thickness	Min 20 mm. Max 125 mm.
Width	Min 20 mm. Max 125 mm.

### OTHER SIZES POSSIBLE ON REQUEST

The above specifications are only approximate  
and are not contractual  
Specifications may change without notice

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