

UNIVERSAL HIGH SPEED UV **249**
SCREEN PRINTING MACHINE

CYLINDRICAL FLAT OVAL

DUBUIT
www.dubuitfareast.com



The 249 machine is a revolutionary new printing machine from **DUBUIT**.

It is faster, cheaper and easier to maintain.

Designed for the changing market of today, it can print cylindrical, flat or oval objects. It has a modular design so you can add additional printing module at a later date which allows you to respond to the market faster.

The 249 can be configured from 1 to 10 colors inline.

It used UV technology for quick drying, strong colors and sharp printing process.

The 249 is the mechanically driven, insuring a consistent print quality over the machine's lifetime.

Easy to setup, adjust and maintain; This machine is designed to allow access to all working components without removing panels or doors.

The 249 return on investments is fast due to its low cost, high efficiency and easy maintainance.

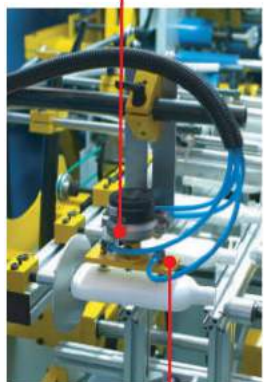
Your investments is future proof because of its modular design allowing you to adapt to market opportunities quickly.



- ▶ *Speed up to 4000 objects/hour*
- ▶ *Infeed conveyor front, rear or side entry (optional)*
- ▶ *Outfeed conveyor (optional)*
- ▶ *Up to 10 color inline*
- ▶ *Split configuration for simple or multiple production*
- ▶ *Modular construction (extra colors modules can be added later)*



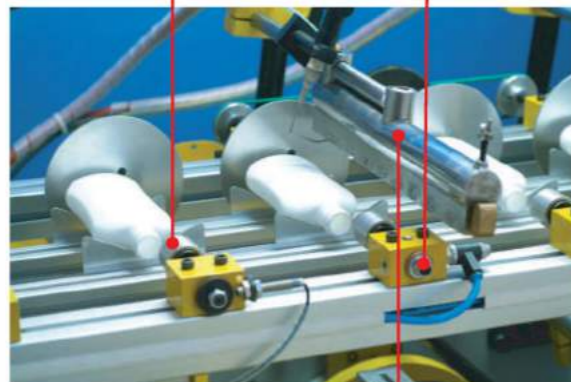
Orientation device (optinal)



Pick up arm

Counterpoint

No object - No flame



Flame treatment
Optional anti-static, dust cleaner

Quick lock and mechanical toggle for precise and fast squeegee assembly lift up.

Easy micrometric adjustment of screen in 3 axis.



Adjustable inflation for printing soft objects.

New compact UV unit.



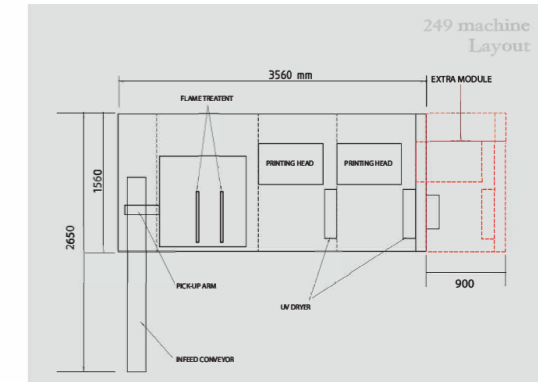
Pullout design for easy bulb change and maintenance.

Electroic Programmable Logic Controller.



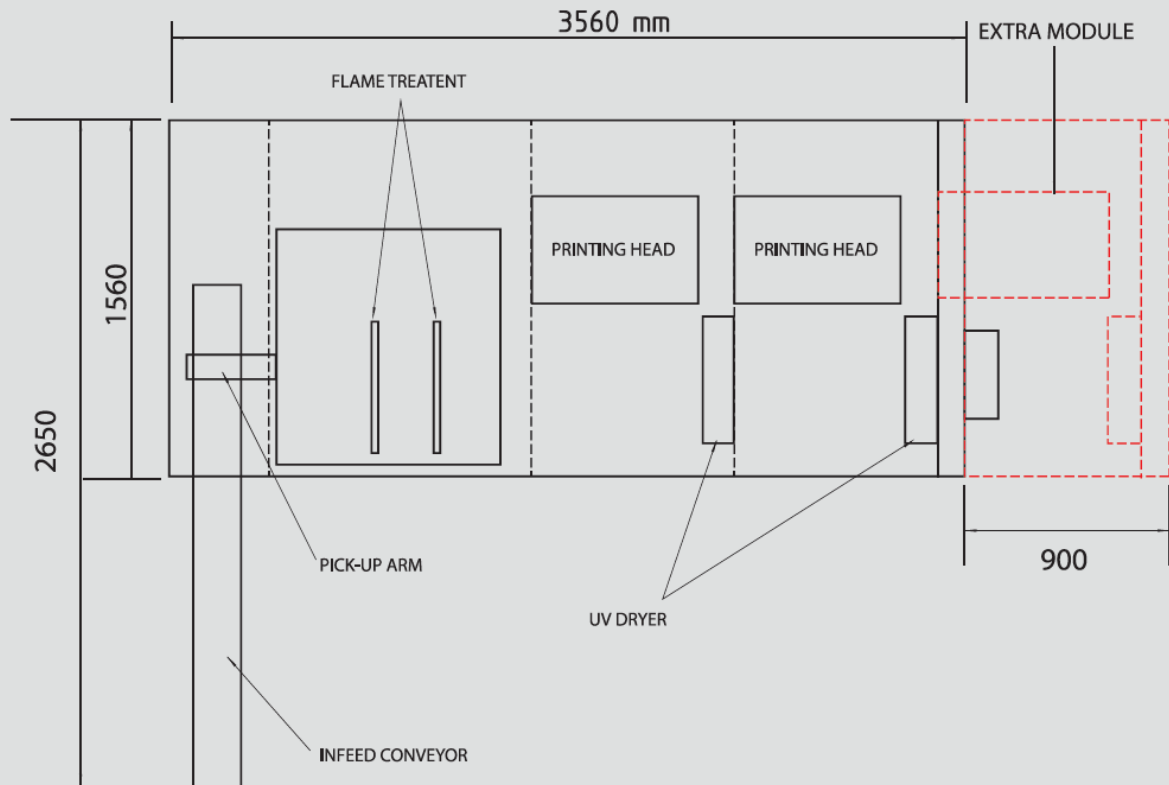
With touch screen display to monitor and adjusts all machine functions.

Floor layout



Ultra compact design saves factory floor space 2 color only 3.7m. and each additional module only 90 cm.

249 machine Layout



SPECIFICATION

OUTPUT : Up to 4,000 objects / hour

POWER :

Entry Module	3	kW
Print Module	7	kW

AIR CONSUMPTION :

Main Pressure	6	bars
Entry Module	3	Nm ³ /H
Print Module	3	Nm ³ /H
Burner	7-12	Nm ³ /H per burner

GAS CONSUMPTION : 0.4-1 Nm³/H per burner

TYPICAL CHANGE OVER TIME :

Bottles of the same type	15	min. per printing head
Bottles of the different type	20	min. per printing head

SIZE OF OBJECTS

All objects : included in cylindrical \varnothing 125 x 320 mm

Lenght (all objects) : min 40 mm - max 320 mm

Printing stroke : maximum 400 mm

Cylindrical Printing : min 20 mm - max 125 mm

Oval Printing : thickness min 20 mm - max 90 mm
printing radius min 24 mm - max 190 mm

Flat Printing : thickness min 20 mm - max 90 mm