



Automatic bowl feeding

Flame treating station

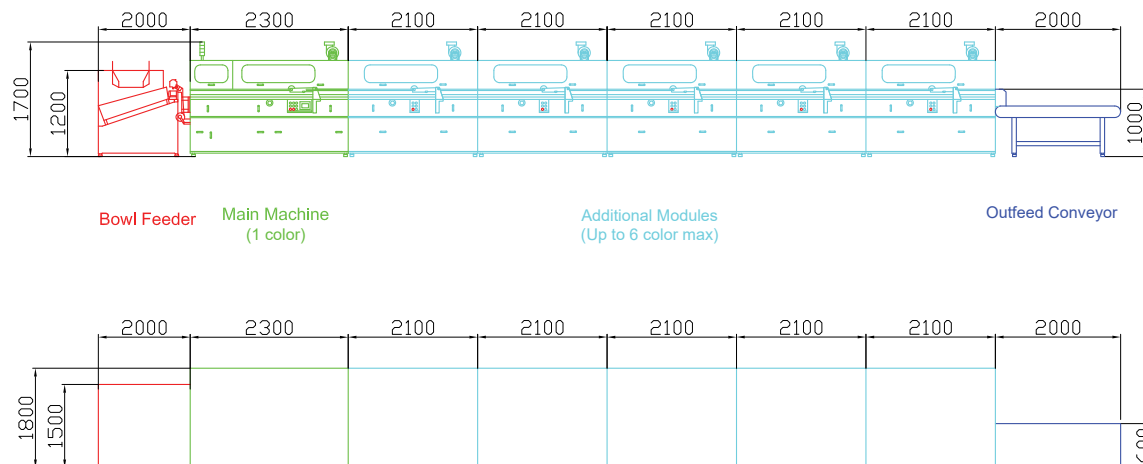
Mechanical print head

MACHINE SPECS

Round container dimensions:	Diameter: 130mm max (5.12") Height: Height: 260mm max (10.24")
Oval container dimensions:	Diameter: 20 - 100mm (.78" to 3.9") Height: 50 - 300mm (2" to 11.8")
Printing dimensions (LxW):	260mm x 200mm Max (10.24" x 7.87")
Production speed:	Up to 4,200 pph
Air consumption:	85 liter/ minute max. (per color)
Power Consumption:	5.4KW (per color)
Electrical:	220 / 480V 3 Phase, 60Hz.
Weight (Screen Printer):	1 color: 1,600 kg (3,527 lb) 2 color: 3,200 kg (7,055 lb) 3 color: 4,800 kg (10,582 lb) 4 color: 6,400 kg (14,110 lb) 5 color: 8,000 kg (17,637 lb) 6 color: 9,700 kg (21,340 lb)
Weight (Bowl feeder):	450 kg (990 lbs)
Origin:	China

*Specifications are subject to change without prior notification

DIMENSIONS



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DT-767-SERIES

1 TO 6 COLOR UV CONTAINER SCREEN PRINTING EQUIPMENT



DT-767-1C one color UV system

- ⊕ 1 to 6 color automatic UV screen printing press
- ⊕ Print speeds up to 70 bottles per minute
- ⊕ Prints on round & oval containers
- ⊕ Mechanical walkingbeam indexed
- ⊕ Allen Bradley PLC & touch screen
- ⊕ Integrated flame treating



solutions in screen printing™

AUTOMATIC UV BOTTLE SCREEN PRINTING EQUIPMENT

DT-767-SERIES



DT-767-3C three color UV system

FAST & ACCURATE

The **DECO TECH DT-767** series of precision automatic UV container screen printing machines feature a DC motor controlled linear walking beam system that is solidly built to provide accurate color to color print registration ($\pm 0.1\text{mm}$) with print speeds up to 70 bottles per minute. Either round or oval bottles can be placed into the optional automatic bowl feeder where they are automatically oriented and transported into the UV cured screen printing line. Once bottles enter the **DECO TECH DT-767** machinery they are automatically flame treated and fed through each of the subsequent printing and UV curing stations.

HIGH QUALITY PRINTING

The accurate color to color registration of the **DT-767** series is ensured by use of a precision mechanical cam driven indexing drive system and mechanical control of the screen printing stations. As bottles are transported into the printing stations, they are securely lifted and held in place via a high power vacuum transport system. The bottles are then placed into precision machined fixtures (with one-way clutch) and they are direct driven and precisely rotated during printing. There is also a "no-part no-print" sensor which prevents the squeegee from operating if no bottle is present in the printing station. After the bottles leave the printing station, they are handed-off to the UV drying station where they are rotated under the UV lamps and instantaneously cured.

FAST SET-UP TIMES

The Allen-Bradley PLC and touch screen controller gives the operator complete control over all necessary machine functions and the jobs parameters can be easily adjusted. All mechanical adjustments are easily accessible for the set-up technician and when bottle sizes change you only need to; 1) Change out the print gear in each print station, 2) Adjust the walking beam length and bowl feeder width, 3) Change the vacuum transport chucks in each station (when necessary), 4) Change or adjust the pick and place device, 5) Adjust the flame treater height and 6) Adjust the off-contact screen height.



DT-767-2C two color UV system