

DT-175

ONE COLOR AUTOMATIC UV SCREEN PRINTING MACHINE



- ⊕ High precision vertical rotary indexer (12 stations)
- ⊕ OMRON Microprocessor controlled with touch screen
- ⊕ Mechanically synchronized print heads for precise printing results
- ⊕ In-feed loading conveyor and auto-unloading
- ⊕ Quick and easy set-up and change-overs
- ⊕ Optical re-registration device
- ⊕ Adjustable squeegee angle and height
- ⊕ Up to 75 x 230mm (2.95" x 9.06") print area
- ⊕ HANOVIA brand UV Curing unit (US Made)
- ⊕ Printing speeds up to 80ppm

DT-175

ONE COLOR AUTOMATIC UV SCREEN PRINTING MACHINE

The **DT-175** is a one (1) color automatic UV screen printer that is well suited for screen printing on flexible or rigid plastic tubes, plastic jars and lids (banding), medical vials & syringes and other cylinders up to 75mm in diameter. The **DT-175** UV cured screen printing machine offers increased productivity over any semi-automatic solutions and this system holds unrivalled value for the money. The **DT-175** is driven by a 12 station vertically mounted rotary indexing table that is equipped with a high-end European SITI brand (Italian) main drive motor. The **DT-175** automatic screen printer is also equipped with a HANOVIA brand (US) UV curing unit which produces high intensity (2.4KW) curing power utilizing a mercury UV bulb. The **DT-175** is equipped with infeed belt for automatic feeding of parts onto the mandrels with a mechanical pusher-arm and the system also includes; flame pre-treatment station, de-ionizing station, SICK brand optical re-registration system for alignment of multi-passes with precise color to color alignment, 1 mechanical indexed screen print station, 1 UV curing station and automatic eject station onto an outfeed conveyor. For further info please contact us at **(800) 300-DECO** to discuss your particular needs and application.

SPECS

DT-175

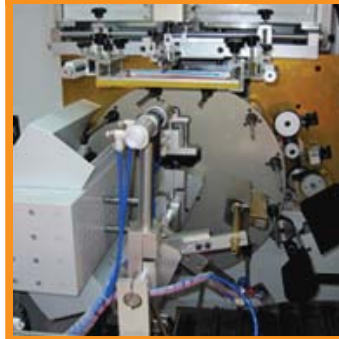
Round Container Dimensions:	Diameter: 10 to 75 mm (min/max) .394" to 2.95" (min/max) Height: 20 to 230 mm (min/max) .787" to 9.055" (min/max)
Printing Dimensions (DxH):	235.5 x 170mm max.
Production Speed:	3,000 to 4,200 pcs/ hour typical (5,100 max).
Air Consumption:	85 Liter per minute max.
Air Pressure:	6-8 Bars (80psi)
Gas Consumption:	5 Liter per hour max.
Electrical Supply:	480V 3 Phase/ 60Hz. 10 to 15 Ampsv
Power Consumption:	Approx. 4.5 KW
Machine Color:	White
Machine Dimension (LxWxH):	1,500 x 1,180 x 1,950mm (59" x 46.5" x 75")
Weight:	Approx. 1,500 Kg. (3,300 lb.)

*Specifications are subject to change without prior notification

Close-up of print head with X/Y/R adjustment



Closeup view of DT-175 rotary table & UV curing station



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