

# DT-175S

ONE COLOR AUTOMATIC UV TUBE SCREEN PRINTING MACHINE



- ⊕ High precision servo driven vertical rotary indexer (12 stations)
- ⊕ Panasonic Microprocessor controlled with Omron touch screen
- ⊕ Synchronized print heads for precise printing results
- ⊕ Servo indexed In-feed loading conveyor with 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
- ⊕ HPE brand UV Curing unit
- ⊕ Printing speeds up to 60ppm

# DT-175S

## ONE COLOR AUTOMATIC UV TUBE SCREEN PRINTING MACHINE

The **DT-175S** is a one color automatic UV screen printer that has been updated for 2023 to a servo driven screen printing machine. The **DT-175S** is well suited for screen printing on flexible or rigid plastic or metal tubes, plastic jars and lids (banding), medical vials & syringes and other cylinders up to 75mm in diameter. The **DT-175S** UV cured screen printing machine offers increased productivity over any semi-automatic solutions and this system holds unrivalled value for the money. The DT-175S is driven by a 12 station vertically mounted servo driven rotary indexing table that is equipped with a high-end European Transtechno brand (Italian) drive motor. The screen printing head is also servo driven. The **DT-175S** automatic screen printer is also equipped with a HPE brand UV curing unit which produces high intensity (3.6 KW) curing power. The **DT-175S** is equipped with servo driven infeed conveyor 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. For further info please contact the experts at **(714) 639-DECO** to discuss your particular needs and application.

### SPECS

### DT-175S

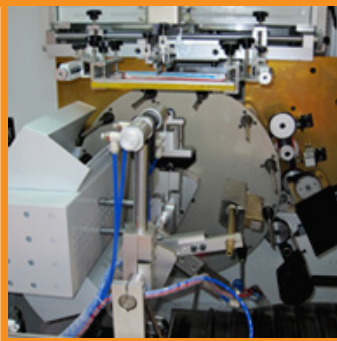
<b>Round Container Dimensions:</b>	Diameter: 10 to 75 mm (min/max) .394" to 2.95" (min/max) Height: 20 to 230 mm (min/max) .787" to 9.055" (min/max)
<b>Printing Dimensions (DxH):</b>	236 x 170mm (9.29" x 6.69")
<b>Production Speed:</b>	Up to 3,600 pcs/ hour typical 3,000-3,200
<b>Air Consumption:</b>	85 Liter per minute max.
<b>Air Pressure:</b>	6-8 Bars (80psi)
<b>Gas Consumption:</b>	5 Liter per hour max.
<b>Electrical Supply:</b>	380/480V 3 Phase/ 50/60Hz. 10 to 15 Amps
<b>Power Consumption:</b>	Approx. 4.5 KW
<b>Machine Color:</b>	White
<b>Machine Dimension (LxWxH):</b>	1,500 x 1,180 x 1,950mm (59" x 46.5" x 75")
<b>Weight:</b>	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



Closeup view of DT-175S Servo Driven Conveyor Belt

