

# DT-418UVT

FOUR COLOR AUTOMATIC UV SCREEN PRINTING MACHINE



- ⊕ High precision mechanical rotary indexer (18 stations)
- ⊕ OMRON Microprocessor controlled with touch screen
- ⊕ Mechanically synchronized print heads for precise printing results
- ⊕ Automatic loading and unloading system
- ⊕ Quick and easy set-up and change-overs
- ⊕ Motor controlled optical pre-registration device
- ⊕ Adjustable squeegee angle and height
- ⊕ Up to 50 x 200mm (1.96" x 7.87") print area
- ⊕ Heraeus Fusion brand UV Curing units (US Made)
- ⊕ Equipped with interlocking safety doors
- ⊕ Printing speeds up to 60ppm



solutions in screen treating™

# DT-418UVT

## FOUR COLOR AUTOMATIC UV SCREEN PRINTING MACHINE

The **DT-418UVT** is a fully automatic UV cosmetic tube, small glass container and plastic jar screen printing machine that offers increased productivity and unrivalled value for the money. The **DT-418UVT** is driven by a **SANKYO** rotary positioning drive system and features a **SITI** main drive motor with a barrel cam. The UV screen printing inks are automatically cured with high powered UV lamps positioned after each printing station. After loading of the flexible or rigid tubes there is a pre-flame treating station and de-ionizing/ cleaning station (optional) to ensure quality printing results with fewer defects. The **DT-418UVT** system is equipped with **HERAEUS FUSION** brand (US made) UV curing units which are outfitted with high intensity mercury UV bulbs.

### SPECS

### DT-418UVT

Printing Product Size (D x L):	13-50mm Ø x 20-200mm L
Max Print Area:	160mm x 160mm (6.30" x 6.30")
Production Speed:	Up to 3,600 pieces per hour
UV Lamp Power:	2.4KW each
Electrical Connection:	380V, 3phase, 50/60Hz (51 Amps)
Input Air Pressure:	5 - 7 bars
Power Consumption:	Approx. 23KW per hour
Machine Dimension (LxWxH):	4,650 x 3,100 x 2,350mm (183.0" x 122.0" x 94.5")
Weight:	5,000kg (11,024 LBS)
Machine Color:	Off-White & blue trim

\*Specifications are subject to change without prior notification

Machine is well suited for  
Cosmetic Jars, tubes  
& glass containers



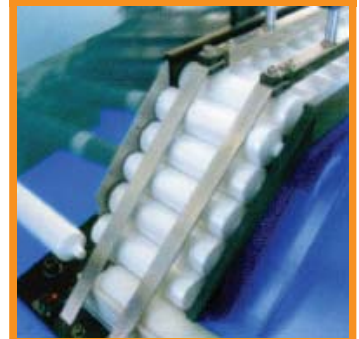
Servo driven Squeegee  
& Floodbar with  
X/Y/R adjustment



UV units are positioned  
below the dial for  
compact design



Infeed device for feeding  
of plastic tubes



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