

DT-R SERIES

SEMI-AUTOMATIC SCREEN PRINTERS FOR ROUND OBJECTS

FEATURING



DT-110R Model
shown with
US safety guard

- ✦ FESTO & SMC Pneumatics with shock absorbers
- ✦ Mitsubishi PLC controlled with touch screen
- ✦ Motor registration control for bottles with lug (MR version)
- ✦ Vertical part lift with height adjustment
- ✦ Print stroke controlled with rodless FESTO cylinder
- ✦ X/Y/R positioning ware-mounting table
- ✦ Linear ball bearings on hardened shafts
- ✦ Squeegee tilt, skew, and height adjustable
- ✦ Screen frame angle & tilt adjustable
- ✦ Synchronized bottle inflation system with regulator
- ✦ Regulated squeegee pressure with pressure gauge
- ✦ Floor levelers & casters
- ✦ Foot switch controlled

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Built to **DECO TECH's** exacting standards the **DT-R** Series of semi-automatic screen printers are designed for printing onto a wide range of various sized round, oval or flat containers & products. The **DT-R** Series printers can accommodate parts from small cosmetic tubes, drum sticks, aluminum water bottles, jars, thermos bottles, large pails, 1 gallon plastic bottles, 5 gallon buckets, various sized wine bottles and many other round, flat or oval objects. All **DT-R** Series machines feature quick & simple tooling changeovers, precise mechanical registration & all controls are conveniently located on the front panel, making the **DT-R** Series the perfect all around universal screen printing presses for your various needs.

SPECS	DT-075R	DT-110R	DT-200R	DT-350R
Drive System:	Electro Pneumatic	Electro Pneumatic	Electro Pneumatic	Electro Pneumatic
Frame Up/Down Stroke:	100mm (3.94")	100mm (3.94")	100mm (3.94")	80mm (3.15")
Dimensions (LxWxH):	830 x 750 x 1,270mm * (32.68" x 29.53" x 50")	1,310 x 1,010 x 1,315mm (51.57" x 39.76" x 51.77")	1,130 x 875 x 1,350mm * (44.49" x 34.45" x 53.15")	1,650 x 1,320 x 1,400mm * (64.96" x 51.97" x 55.19")
Max Print Area (Round):	75mm (2.95") Ø	110mm (4.33") Ø	200mm (7.87") Ø	350mm (13.78") Ø
Max Print Area (Oval):	230mm (9.06") Arc Length	340mm (13.39") Arc Length	620mm (24.40") Arc Length	1,090mm (42.91") Arc Length
Max Print Area (Flat):	150 x 220mm (5.91" x 8.66")	200 x 320mm (7.87" x 12.60")	200 x 630mm (7.87" x 24.80")	N/A
Working Table Size:	200 x 300mm (7.87" x 11.81")	250 x 400mm (9.84" x 15.75")	250 x 700mm (9.84" x 27.56")	N/A
Table Adjustment:	X,Y ± 15mm / θ 15°	X,Y ± 15mm / θ 15°	X,Y ± 15mm / θ 15°	N/A
Max Screen Frame Size:	280 x 430mm (11.02" x 16.93")	380 x 580mm (14.96" x 22.83")	400 x 800mm (15.75" x 31.50")	450 x 1,350mm (17.72" x 53.15")
Screen Frame Thickness:	18 - 25mm (.71" - .98")	18 - 25mm (.71" - .98")	18 - 25mm (.71" - .98")	18 - 25mm (.71" - .98")
Squeegee Angle:	0 - 15°	0 - 15°	0 - 15°	0 - 15°
Max Printing Speed:	1,980 cycles/hr	1,200 cycles/hr	960 cycles/hr	780 cycles/hr
Squeegee Speed:	33/min	20/min	16/min	13/min
Squeegee Pressure:	2 - 4 Bar	2 - 4 Bar	2 - 4 Bar	2 - 4 Bar
Electric Source:	110V/220V 50-60Hz 50W	110V/220V 50-60Hz 50W	110V/220V 50-60Hz 50W	110V/220V 50-60Hz 50W
Air Pressure Input:	80 psi	80 psi	80 psi	80 psi
Air Consumption:	0.7 L/cycle	0.7 L/cycle	0.7 L/cycle	0.7 L/cycle
Machine Weight:	135 kg (297.62 lbs)	150 kg (330.69 lbs)	170 kg (374.79 lbs)	277 kg (610.68 lbs)
Origin:	China	China	China	China

* Dimensions without US safety guards in place.

Specifications subject to change without prior notification



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