

DT-FLATBED

SEMI-AUTOMATIC FLAT-BED SCREEN PRINTING PRESSES



DT-6090-V model shown

- ⊕ Dual Axis AC Motor driven controls
- ⊕ Omron PLC controlled with Touch Screen interface
- ⊕ Integrated E-Stop safety bar & Light curtains
- ⊕ X/Y/R positioning table with vacuum or T-Slot base
- ⊕ Pneumatic squeegee width angle & height adjustment
- ⊕ Up to 600 x 900mm (23.62" x 35.43") print area
- ⊕ Floor levelers & casters
- ⊕ Foot switch or auto-cycle



solutions in pad printing™

DT-FLATBED

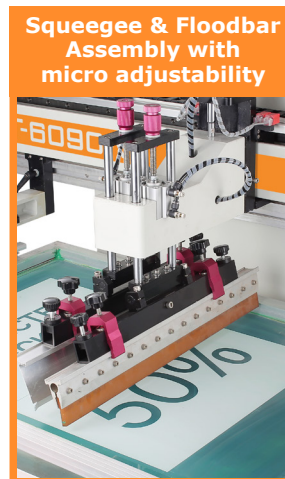
SEMI-AUTOMATIC FLAT-BED SCREEN PRINTING PRESSES

Our **DT-FLATBED** series of screen printing presses feature dual axis AC motor controls for the vertical & horizontal strokes. The straight up & down screen motion keeps the ink in the "print zone" unlike a clam-shell press, where the ink flows to the back of the screen. Furthermore our flat screen lifting method allows the operator to easily load, unload & inspect graphic sheets or industrial parts during production runs. Our **DT-FLATBED** series of machines are available with or without a vacuum table (-T = T-Slot & -V = Vacuum). The **DT-FLATBED** series are well suited for screen printing small to mid-sized graphic panels, signage, membrane switches and overlays. They are also well suited for printing on industrial flat goods.

SPECS DT-3050-T/V DT-4060-T/V DT-5070-T/V DT-6090-T/V

Drive:	Dual Axis AC Motor	Dual Axis AC Motor	Dual Axis AC Motor	Dual Axis AC Motor
Max Print Speed:	Up to 1,200 cycles/hr	Up to 800 cycles/hr	Up to 800 cycles/hr	Up to 800 cycles/hr
Max Print Area:	300 x 500mm (11.81" x 19.69")	400 x 600mm (15.75" x 23.62")	500 x 700mm (19.69" x 27.56")	600 x 900mm (23.62" x 35.43")
Max Screen Frame Size:	470 x 830mm (18.5" x 32.67")	600 x 930mm (23.62" x 36.61")	700 x 1,030mm (27.56" x 40.55")	800 x 1,220mm (31.49" x 48")
Work Table Size:	350 x 600mm (13.77" x 23.62")	500 x 700mm (19.68" x 27.56")	500 x 700mm (19.68" x 27.56")	700 x 1,000mm (27.55" x 39.37")
Vacuum Table Size:	300 x 500mm (11.81" x 19.68")	400 x 600mm (15.75" x 23.62")	500 x 700mm (19.69" x 27.56")	600 x 900mm (23.62" x 35.43")
Screen Frame Thickness:	20-50mm (.75" to 2")	20-50mm (.75" to 2")	20-50mm (.75" to 2")	20-50mm (.75" to 2")
Screen Adjustment:	X,Y ± 10mm / θ 1.8°	X,Y ± 10mm / θ 1.8°	X,Y ± 10mm / θ 1.8°	X,Y ± 10mm / θ 1.8°
Print Stroke:	500mm (19.69")	600mm (23.62")	700mm (27.56")	900mm (35.43")
Vertical Screen Stroke:	170mm (6.69")	250mm (9.84")	250mm (9.84")	250mm (9.84")
Max Print Height:	100mm (3.93")	100mm (3.93")	100mm (3.93")	100mm (3.93")
Air Pressure Input:	5-7 bar (72-100 psi)	5-7 bar (72-100 psi)	5-7 bar (72-100 psi)	5-7 bar (72-100 psi)
Electrical Source:	110/220/230V 1 Phase 50/60Hz	110/220/230V 1 Phase 50/60Hz	110/220/230V 1 Phase 50/60Hz	380/480V 3 Phase 50/60Hz
Weight:	190 kg (419 lbs)	320 kg (705 lbs)	380 kg (838 lbs)	660 kg (1,455 lbs)
Dimensions (L x W x H):	800 x 1,050 x 1,550mm (31.5" x 41.3" x 61.02")	1,150 x 1,000 x 1,700mm (45.27" x 39.37" x 66.92")	1,100 x 1,300 x 1,650mm (43.30" x 51.18" x 61.96")	1,350 x 1,350 x 1,700mm (53.15" x 53.15" x 66.92")
Origin:	China	China	China	China

*Specifications are subject to change without prior notification



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