

# DT-SERVOFLEX

4-6 COLOR SERVO-DRIVEN PAD PRINTING MACHINE



- Mitsubishi PLC controlled with touch screen
- Servo motor controlled part shuttle
- Servo motor controlled horizontal pad stroke
- Automatic pad cleaning device
- Individual pad stroke control
- Interlocking side doors and light curtains
- 90mm ink cups

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## 4-6 COLOR SERVO-DRIVEN PAD PRINTING MACHINE

**Features:** The DT-ServoFlex 6X is a state-of-the-art servo-driven part shuttle pad printing machine designed for precision and flexibility. It features servo-driven print head movements in both horizontal and vertical axes, accompanied by an automatic pad cleaning device for enhanced efficiency.

**Control System:** Operated via a Mitsubishi PLC with a Weinview touchscreen interface, the DT-ServoFlex 6X allows easy programming of all job settings directly from the touchscreen. It offers programmable pad strokes tailored to both cliché and part dimensions, with each pad individually stroked using pneumatic pad extenders to ensure no contact with larger parts. Construction and Adjustability: Built on a robust welded steel machine base with adjustable floor levelers and a height-adjustable worktable, the DT-ServoFlex 6X ensures stability and adaptability to varying production environments. It is equipped with 90mm ink cups and features X/Y/R adjustable cliché holders for precise alignment of multi-color artworks. Clichés can be photo polymer, thin steel, or laser-etched varieties.

**Components and Safety Features:** The DT-ServoFlex 6X utilizes high-quality Festo and SMC pneumatic components for reliable performance and durability. Safety is paramount with interlocking safety guards and light curtains in the loading area, ensuring operator protection during operation.

**Support and Warranty:** Deco Tech provides comprehensive support, including a full range of pad printing consumables, technical assistance, and product training for the DECO TECH SERIES of pad printing machinery. The DT-ServoFlex 6X is backed by a one-year warranty against manufacturing defects.

For further information, please contact our experts at **(714) 639-DECO**.

SPECS	DT-SERVOFLEX 4X	DT-SERVOFLEX 5X	DT-SERVOFLEX 6X
<b>Ink System:</b>	Closed ink cup	Closed ink cup	Closed ink cup
<b>Plate size:</b>	100 x 250mm or 100 x 300mm	100 x 250mm or 100 x 300mm	100 x 250mm or 100 x 300mm
<b>Ink Cup Size:</b>	4 x 90mm Ø (80mm Ø print)	5 x 90mm Ø (80mm Ø print)	6 x 90mm Ø (80mm Ø print)
<b>Print capacity:</b>	300-350 parts per hour	250-300 parts per hour	150-300 parts per hour
<b>Front to Back stroke:</b>	Servo Driven	Servo Driven	Servo Driven
<b>Part Shuttle:</b>	Servo Driven	Servo Driven	Servo Driven
<b>Pad Vertical Stroke:</b>	4 x Independent Pneumatic	5 x Independent Pneumatic	6 x Independent Pneumatic
<b>Air Requirement:</b>	5-6 bar	5-6 bar	5-6 bar
<b>Control System:</b>	PLC & Touch Screen	PLC & Touch Screen	PLC & Touch Screen
<b>Voltage:</b>	110V/220V/230V 50/60Hz	110V/220V/230V 50/60Hz	110V/220V/230V 50/60Hz
<b>Dimensions:</b>	1050 x 1200 x 1750mm	1050 x 1200 x 1750mm	1050 x 1200 x 1750mm

Specifications subject to change without prior notification

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