

UNMATCHED FLEXIBILITY, RELIABILITY, COST & TIME SAVINGS

A new generation of pneumatic pad printing.



MPE Pad Printer

A new generation of pad printers has arrived. The flexibility that has always made pneumatic printers an attractive option is now available in system that is more user-friendly and efficient than ever. Patented, innovative new features allow the MPE to combine industry-leading durability and reliability with unprecedented time and cost savings. The best features from leading German (Morlock) and North American (Trans Tech) pad printers have been brought together to elevate pad printing to the next level.

Features

Industry-Leading **Reliability**

Solid industrial construction results in up to **30% less downtime** than competing systems.



Superior **Flexibility**



0-160mm of pad stroke adjustment allows users quick job changes and to print below the application base and on larger parts at speeds up to 1200 cycles per hour.

Significant **Cost Savings**

Reduce labor time and cleaning supplies- **up to 27% cost savings**. Compatible with mechanical or magnetic cups.



Superior User **Friendliness**



Multi-speed functionality with simplified interface reduces changeover times and permits easy handling for operators.

Highlights



- Built in pad cleaner
- Down dwell feature for improved results on textured surfaces
- Flow controls for finer speed adjustments for each pad motion
- Thick steel clichés (run up to 5x longer)
- Intuitive, full-color touch screen HMI
- Stand-alone or easy integration into automation systems
- CE mark with local language support is available

TECHNICAL DATA

Cycle Speed	Up to 1200 cycles/hour	Voltage	Single phase 120-230 V 50/60 Hz
Drive	Pneumatic	Control Voltage	24 V
Max Pad Compression	1080 N (242 lbs)	Power Consumption	app. 100 W
Pad Stroke Adjustment	0 to 160 mm (80 mm is below the base)	Controls	20
Plate/Cliché Size	100 x 215 mm	Number of Recipes	Siemens PLC with touchscreen user interface
Ink Cup	Mechanical: SpaceFrame with ExpressLiner Magnetic: RedStar Ink Cup	Machine Dimensions (WxLxH)	250x880x665 mm (without pad cleaning) 250x880x665 mm (with pad cleaning)
Ink Cup Size	90 mm	Weight	app. 60 kg (app. 130 lbs)
Maximum Print Size	80 mm	Air Consumption	Max. 6.5 NL / 6 bar

Wide Variety of Options

Optional accessories include part presence detection, rotary dial tables, x/y tables, linear slides, and custom rotating fixtures which can all be controlled by the same user interface. Pad cleaning tools, safe guards, foot switch and pad blower are available on request. Morlock provides all required consumables including inks, pads and clichés.

