

# UNMATCHED FLEXIBILITY RELIABILITY, COST & TIME SAVINGS

A New Generation of Pneumatic Pad Printing.



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 Pneumatic Express to combine industry-leading durability and reliability with unprecedented time and cost savings. The best features from leading North American (Trans Tech) and German (Morlock) pad printers have been brought together to elevate pad printing to the next level.



## Industry-Leading Reliability



Solid industrial construction and smart German design allow the system to offer **up to 30% less downtime** than alternative pad printers.



## 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



The disposable, tool-less SpaceFrame™ with ExpressLinners™ replaces conventional ink cups and reduce labor time and cleaning supplies costs generating **as much as 25% cost savings**.



## Unprecedented Time Savings

Tool-less **pad changes** using ExpressPads™ can be completed **up to 80% faster** and **ink changes up to 86% faster** than with competing systems, making changeovers easier than ever.



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

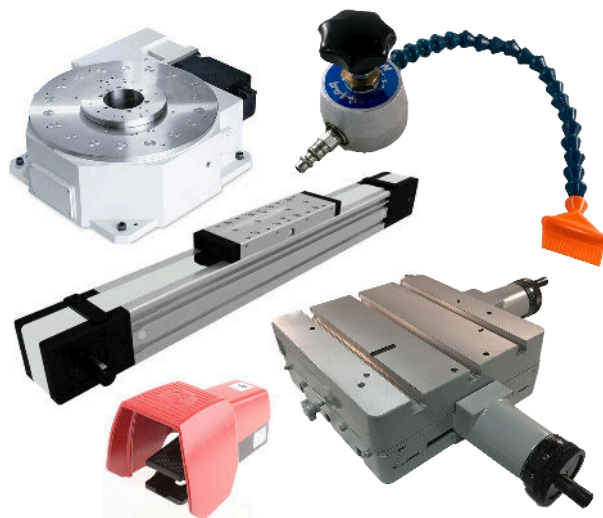
Stand-alone or easy integration into automation systems

CE mark with local language support is available

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, out of which 80 mm is below the base	Controls	Siemens PLC with touchscreen user interface
Plate/Cliché Size	100 x 215 mm	Number of Recipes	20
Ink Cup	Mechanical: SpaceFrame with ExpressLiner Magnetic: MCI Ink Cup	Machine Dimensions (WxBxH)	250 x 880 x 665 mm (without pad cleaning) 385 x 880 x 665 mm (with pad cleaning)
Ink Cup Size	90 mm	Weight	app. 65 kg (app. 145 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, linear slides, and custom rotating fixtures which can all be controlled by the same user interface. Pad cleaning, safe guards, foot switch and pad blower are also available. Where applicable, a permanent magnetic MCI ink cup can replace the SpaceFrame with Express Liners.



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