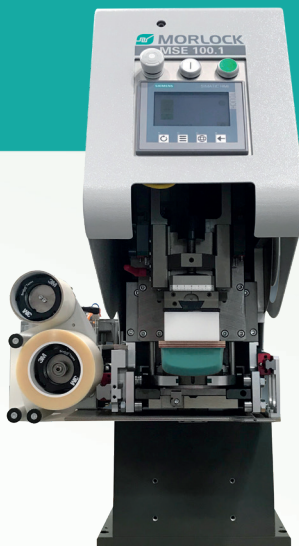


RENOWNED DURABILITY & RELIABILITY MEET MARKET-LEADING COST & TIME SAVINGS

The future of electromechanical pad printing



MSE Pad Printer

A team of experts with over 100 years combined pad printing experience created the MSE by marrying the best technologies from leading European and American systems into a game changing new printer. Market-leading reliability and durability has now been combined with new features that provide unprecedented time and cost savings.

Features

Industry-Leading **Reliability**

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



Industry-Leading **Durability**



Lasts up to 50% longer than alternative systems. Previous versions of these printers have been known to last two to three decades. Features thick steel clichés which can run up to 5x longer than clichés from competing suppliers.

Significant **Cost Savings**

Morlock MCI Ink Cup provides superior durability, reduced spare part requirements, fast set up and easy handling- resulting in **up to 25% cost savings**.



Unprecedented **Time Savings**



Tool-less pad changes & super fast ink changes result in time savings **up to 80% faster** changeovers compared to alternative pad printers.

Highlights



- Built in pad cleaner
- Real speeds of up to 3600 cycles/hour
- +/- 10mm pad stroke adjustment for enhanced flexibility
- User safety is enhanced with a Safe Torque Off feature in the system motor
- Up to 30% higher accuracy rate than alternative systems
- No need for compressed air
- 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 3600 cycles/hour	Voltage	Single phase 230 V 50/60 Hz
Drive	Electromechanical	Control Voltage	24 V
Max Pad Compression	1080 N (242 lbs)	Power Consumption	app. 500 W
Pad Stroke Adjustment	+/- 10 mm	Number of Recipes	20
Plate/Cliché Size	100 x 215 mm	Controls	Siemens PLC with touchscreen user interface
Ink Cup	Mechanical: SpaceFrame with ExpressLiner Magnetic: RedStar Ink Cup	Machine Dimensions (WxLxH)	325 x 850 x 810 mm (without pad cleaning) 480 x 850 x 810 mm (with pad cleaning)
Ink Cup Size	90 mm	Weight	app. 140 kg (app. 300 lbs)
Maximum Print Size	80 mm		

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.

