

PRECISION

HIGH-SPEED, MULTI-COLOR PAD PRINTING

Industry Favorite Carousel Printer



MKM Pad Printer

The highly-regarded carousel principle allows Morlock's MKM pad printer series to provide high-speed, multi-color precision product decoration.

It's flexible multi-positioning system makes the MKM suitable for a wide range of different product shapes.

Features

Superior **Precision**

Superior single- or multi-colored printing precision - **up to 25% higher precision** than alternative pad printers.



Time **Savings**



Three different operations in a single cycle- simultaneous ink pickup, printing and cleaning - results up to **30% faster process** than alternative pad printers.

Simplified **Changeovers**

Cliché changes up to 85% faster. Easy to use for unexperienced operator. Well-suited for printing on a diverse product range. Simplified changeovers.



Space **Savings**



4 to 5 colors in one compact printing unit creates **up to 25% space savings** with fewer required stations. Dial table system is more compact than traditional linear systems.

Highlights



- Patented MCI Ink Cup System
- Radial ink cup fixation provides longer life for doctoring rings
- Integrated quality control
- Can be integrated into larger automated solutions (space and weight savings)
- Digital networks big data integration (Industry 4.0)
- Remote access for service

MKM Comparison Table

	MKM 80	MKM 125
Cliché size	90 x 165 mm	150 x 280 mm
Maximum print size	Ø 56 mm	Ø 105 mm
Pad stroke	80 mm	115 mm
Speed	800 pieces/hour in 4 colors	600 pieces/hour in 4 colors
Drive	Electromechanical	Electromechanical
Controls	SPS SIEMENS S7	SPS SIEMENS S7
Voltage	230 V ~ 50/60 Hz	400 V ~ 50/60 Hz
Power consumption	app. 700 W	app. 1500 W
Weight	app. 450 kg	app. 1.500 kg
Dimensions	app. 1425 x 920 x 1700 mm	app. 1820 x 1350 x 2160 (2910) 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.

