

MORLOCK **MSC** series


MSC 70
MSC 100.2
MSC 100.2-2

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MSC – Mechanical high-speed machine

The MSC series pad printing machines are distinguished by their excellent integration capability and high speed (3.600 cycles/h, 6.000 cycles/h).

The maintenance friendly cam-control system is driven by a linearly controlled AC-DC motor, which results in exceptionally quiet and absolutely reliable operation of the machine in semi-automatic running and this makes it particularly qualified for integration and utilisation in automated systems.

At a glance!

- high speed: **3.600 cycles/h** (MSC 100) respectively **6.000 cycles/h** (MSC 70)
- comprehensive **Siemens S7** controller
- compact ink cup system **MORLOCK MCI** (patented)
- as manual working station or **integration into existing automation**
- adjustable pad height
- **expandable** (e.g. with automatic pad cleaning assembly or X-Y-regulation of the pad)



MSC 70



MSC 100.2



MSC 100.2-2 (with double ink cup)

Technical specifications

These technical data specifications refer to the state at the time of printing. We reserve the right to modify specifications in the interest of a continuous program of further development. Subject to deviations and mistakes.

	MSC 70	MSC 100.2	MSC 100.2-2
Cliché size	70 x 140mm	100 x 215 mm	200 x 220 mm
Print size, max.	Ø max. 52 mm	Ø max. 80 mm	2x Ø max. 65 mm / 90 mm centre distance 100 mm
Pad stroke	100 mm, thereof 70 mm under cliché niveau	150 mm, thereof 116 mm under cliché niveau	150 mm, thereof 116 mm under cliché niveau
Pressure, max.	appr.250 N (25 kp)	1.080 N (108 kp)	1.080 N (108 kp)
Capacity, max.	6.000 pieces/hour in 1 colour	3.600 pieces/hour in 1 colour	3.000 pieces/hour in 1 colour
Drive	electromechanical	electromechanical	electromechanical
Controller	SPS SIEMENS S 7	SPS SIEMENS S 7	SPS SIEMENS S 7
Voltage	230 V ~ 50/60 Hz	230 V ~ 50/60 Hz	230 V ~ 50/60 Hz
Control voltage	24 V	24 V	24 V
Power consumption	app. 250 W	app. 500 W	app. 500 W
Weight	app. 100 kg	app. 120 kg	app. 130 kg
Dimensions*	app. 238 x 641 x 667 mm (without pad cleaning) app. 238 x 861 x 692 mm (with pad cleaning)	app. 280 x 800 x 810 mm (without pad cleaning) app. 460 x 800 x 810 mm (with pad cleaning)	app. 342 x 840 x 840 mm (without pad cleaning) app. 530 x 840 x 840 mm (with pad cleaning)

*width x depth x height with complete safety guard



NEW! MSC 100.2-2 with double ink cup