



Morlock

MSE

SERIES

The fast runner

MSE 70.1
MSE 100.2
MSE 100.2 DT

MSE – The fast runner

The pad printing machine of the MSC series is characterized by excellent integration capabilities and high speed (3,600 cycles / h).

The maintenance -friendly cam control is driven by an infinitely variable three-phase asynchronous motor with servo behavior. This leads to an extremely smooth and absolutely reliable run, which qualifies the machine for semi-automatic operation and especially for use in automations.

Your MORLOCK team will be happy to advise you!



The MSE in action:

www.morlock.de/videos/MSE



At a glance!

- ✓ **high printing performance** up to 3600 cycles / hour
- ✓ +/- 10 mm **Tampon stroke adjustment** for more flexibility
- ✓ **improved user security** through safe torque switch-off of the system motor
- ✓ **no compressed air** required
- ✓ intuitive, colored, multilingual **User interface with 4" touchscreen**
- ✓ **autonomous operation** or simple integration into automation systems
- ✓ **information interface** for Industry 4.0
- ✓ with and without **base** available
- ✓ **CE-compliant design** with machine stand MS 230.1
- ✓ **low squeegee wear** through radial pot fixation
- ✓ option of electrical **Tampon cleaning**
- ✓ 20 storable **programs**

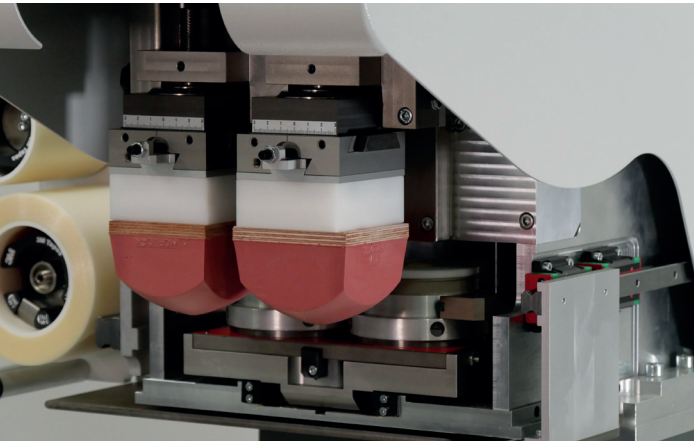
	MSE 100.2 / MSE 100.2 DT	MSE 70.1
Cliché size	100 x 215 mm / 200 x 220 mm	70 x 140 mm
Print image size, max.	d=80 mm / 2 x d 80 mm	d=50 mm
Pad stroke	150 mm, of which 90 mm below cliché level	100 mm, of which 69 mm below cliché level
Compressive force, max.	± - 10 mm	± - 5 mm
Pressure capacity, max.	max. 1080 N (108 kp)	approx. 310 N (31kp)
Drive	max. 3600 cycles / h monochrome	max. 4200 cycles / h monochrome
Control Panel	electromechanical	electromechanical
Power supply	PLC SIEMENS S7	PLC SIEMENS S7
Control voltage	230 V 50/60Hz	230 V 50/60Hz
Power input	24 V	24 V
Weight	approx. 500 W	approx. 500 W
Dimensions*	approx. 140 kg	approx. 86 kg
Abmessungen*	480 x 850 x 810 mm / 620 x 530 x 840	238 x 861 x 692 mm

* Width x depth x height with full protective cover and side-mounted, swiveling control panel and pad cleaning



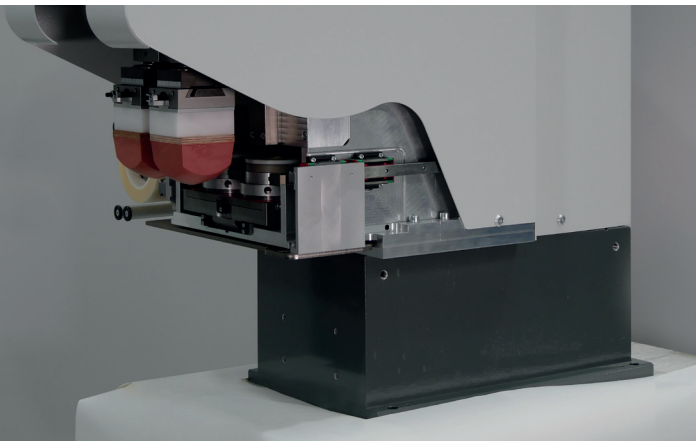
MSE 70 **The slim runner**

Even in the smaller MSE 70 version, the Industry 4.0 - capable machine impresses with its high cycle frequency with a pressure range of up to $d = 50\text{mm}$. Like the large version MSE 100, the MSE 70 can be used autonomously or as a CE-compliant manual workstation MHA.



MSE **Double cup**

The machine of the MSE series can also be built as a „DT“ double cup machine. This doubles the print area on the one hand to $2 \times d = 80\text{ mm}$ and on the other hand, two different colors can be printed at the same time with this machine.



Machine **Base**

In order to optimally adapt the machine to your needs and to your existing machines, the MSE can be built with or without an aluminum base.



Morlock **Manual workstation**

As a CE-compliant machine, the Morlock machines are installed in the MS 230.1 machine stand. The dangerous movements of the machine are protected by a protective housing. Access doors are equipped with safety switches, the loading area is protected by a light barrier. This combination allows you to work safely on the machine. Without the machine stand, the single-color machines are declared as components with a declaration of incorporation in accordance with EC Machinery Directive 2006/42 / EC Appendix II 1.B.

THINK COLORFUL

IN PAD PRINTING OR
DIGITAL PRINTING

More information at:
morlock.de



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