

MORLOCK **MM6** series

MM6-100
MM6-150

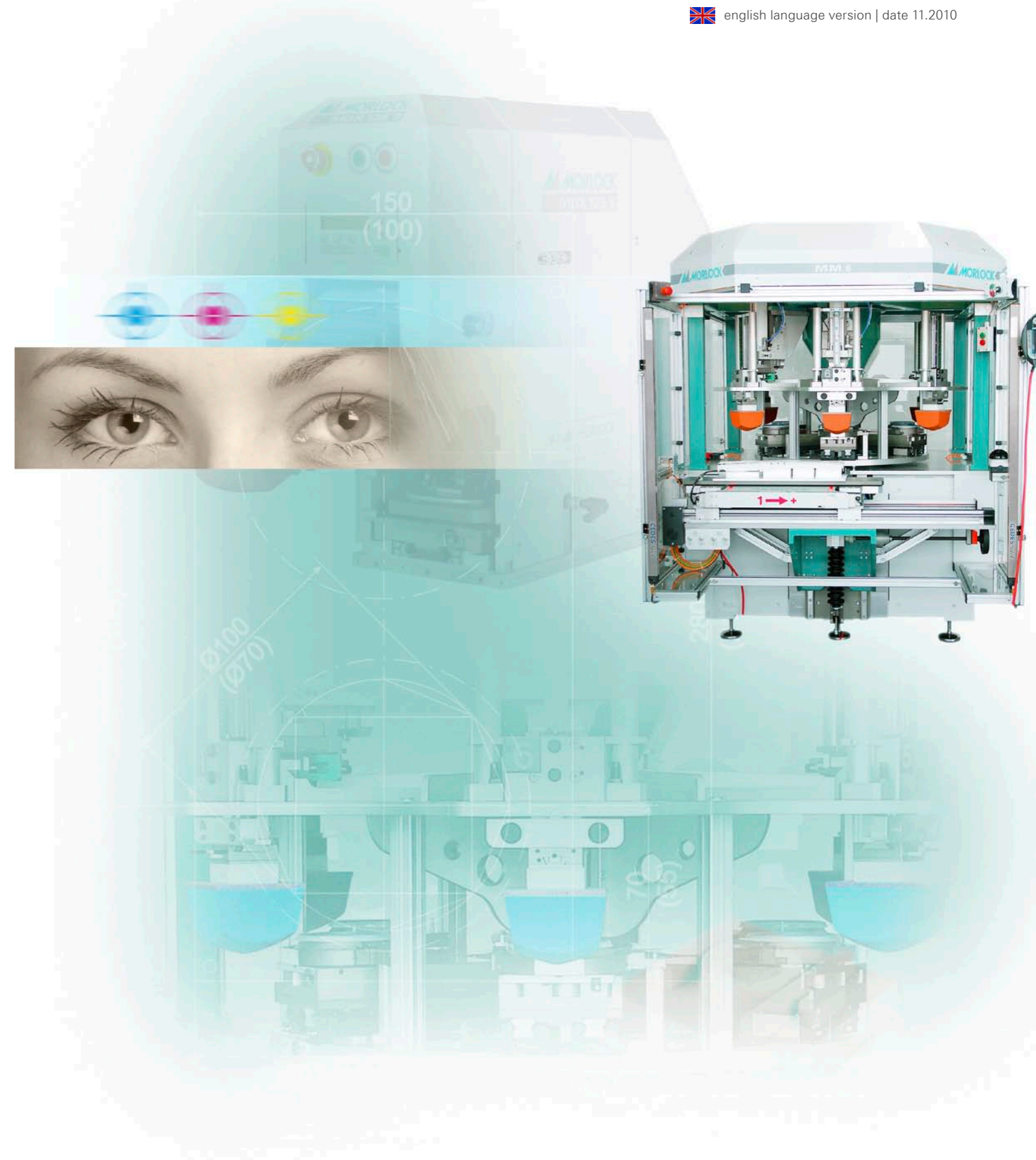
ITW MORLOCK GmbH
An ITW Decorating Company

Lise-Meitner-Straße 9
D-72280 Dornstetten
Germany

fon +49 (7443) 285-0
fax +49 (7443) 285-299

info@morlock.de
www.morlock.de

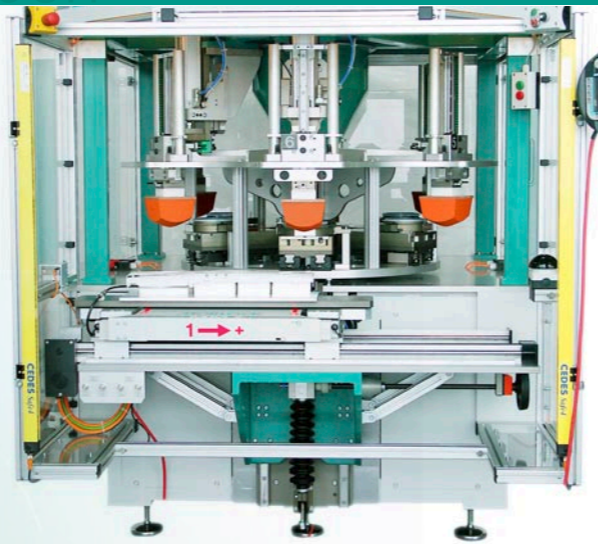
 english language version | date 11.2010



MM6 – the exclusive

The MM6 offers the **highest precision and repeating accuracy**. The **integrated programmable pad cleaning device** cleans after each print without time delay.

The MM6 can be **customised to your requirements** on request. The scope of application of this reliable printing system is not confined to traditional **manual workstations**. Above all it is perfectly possible to integrate the MM6 into **automated systems**.



MM6 with Siemens S7 Controller and protective housing

At a glance!

- shortest possible setting-up times with high product diversity
- flexible multipositioning system
- single or multi-colour printing with up to six colours
- comprehensible Siemens S7 controller
- proven carousel principle
- compact ink cup system MORLOCK MCI (patented)

Multipositioning



The **flexible multipositioning system** offers X-Y angle position correction. This ensures the optimum setting of the print position and register mark correction.

Various different positions can be **separately stored** for each workpiece, making readjustment after a change of workpiece unnecessary.

The system is equally suitable for printing on large workpieces because it can move to a number of different positions.

Photo: The position of the workpiece is corrected on axes 1, 2 and 3. In addition an angular correction is made by counter-directional movements of axis 2 and 3.



Operating panel
Siemens S7
Controller
(Industrial PC)



Siemens S7 Controller

The SIMATIC S7-300 is designed for innovative system solutions particularly in the field of production engineering and as a universal automation system it represents an optimum solution for applications in centralized and decentralized structures:

Depending on your operating panel you can store up to 50 (mobile panel) or any number of programs (Industrial PC) in memory.

Perfect service

With us you can obtain everything from one supplier! Being a system supplier for pad printing we also offer the appropriate accessories. We can supply you with **printing pads, inks, clichés** and the **patented MCI ink cup** for your MM6.

MORLOCK also offers **pad printing seminars** and on-site customised training sessions for its customers. Our staff can pass on the right know-how gained from years of experience.

Technical specifications

	MM6-100	MM6-150
Cliché size	110 x 240 mm	160 x 320 mm
Print size	Ø 80 mm	Ø 130 mm
Compressive force, max.	1200 N	1800 N
Mains connection	380-400 V, 50/60 Hz, 3 Ph	380-400 V, 50/60 Hz, 3 Ph
Control voltage	24 VDC	24 VDC
Controller	PLC SIEMENS S7 (mobile panel or industrial PC)	PLC SIEMENS S7 (mobile panel or industrial PC)
Drive	electromechanical	electromechanical



Patented MCI ink cup
(compact colour
dispensing system)