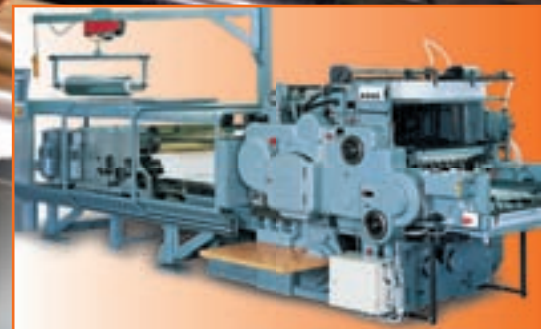
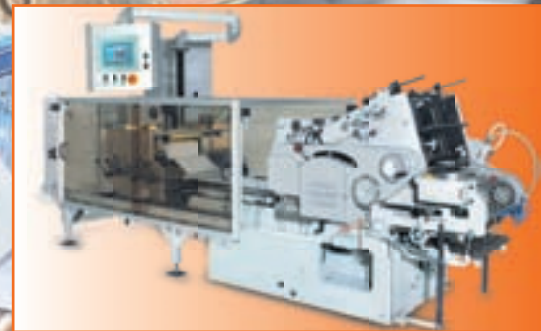
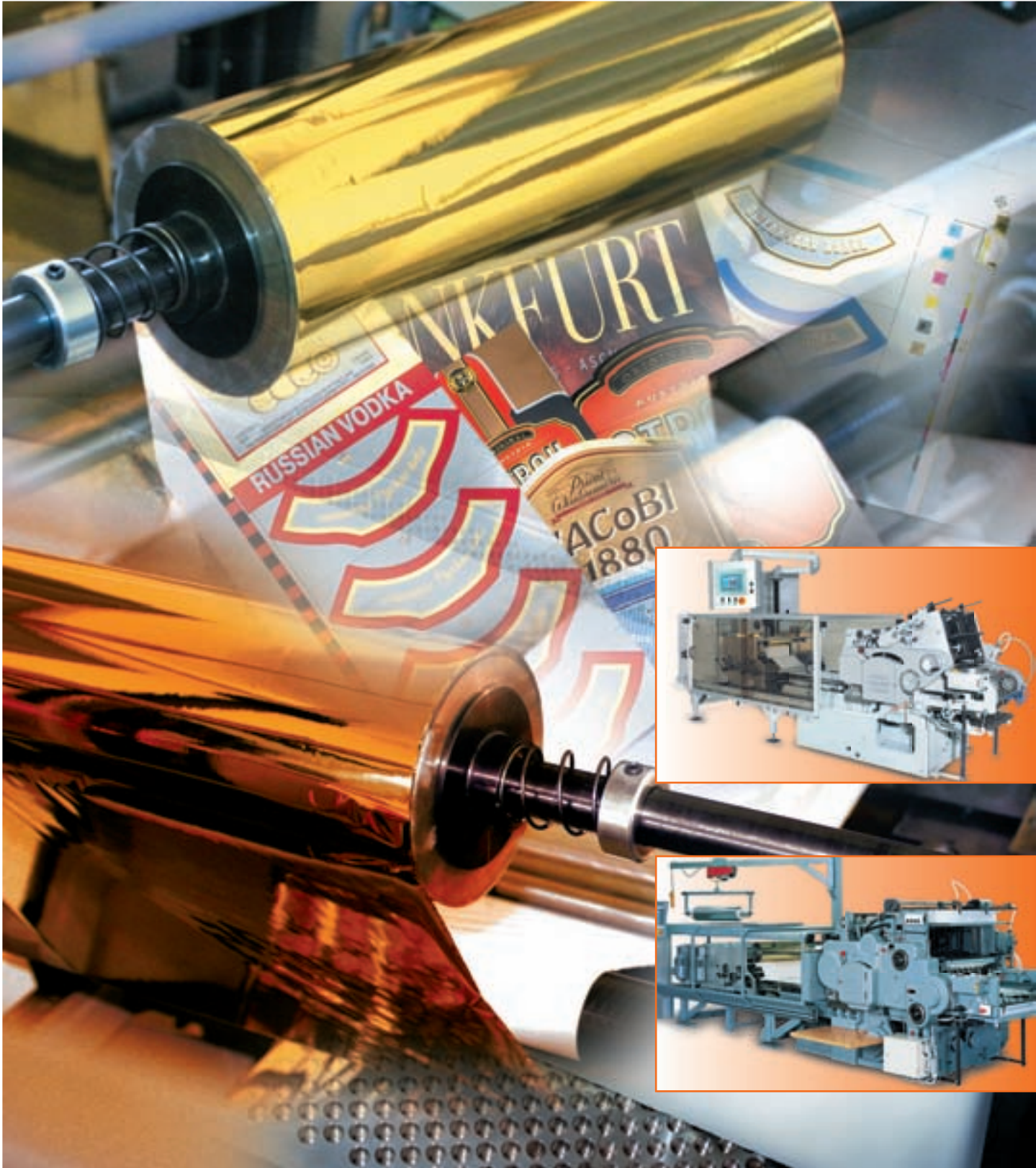


STOMA

Hot Stamping Machines

MR 52, MR 77, MR 82, MR 90



Machines and Equipment for the Graphics Industry

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Maschinen und Geräte für die Grafische Industrie
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STOMA is your expert partner for the construction of hot stamping machines. Through our many years of experience in the design and realisation of machines for the printing industry we have acquired a high level of consulting capability. We know what counts with all the organisational and technical considerations involved.

Precision stamping even in large format!

The machines are based on the well-proven Heidelberg Cylinder. All machines have been generally overhauled and expanded with the well-proven special stamping module which is under continuous development.

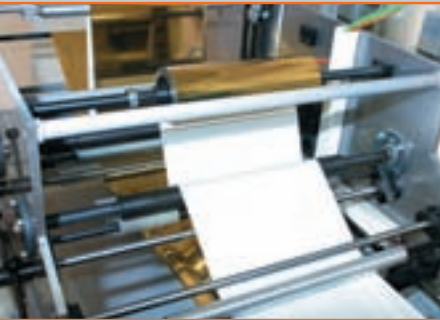
Increase in performance

Roll diameter up to 320 mm or 4500 wound meters. This means up to 15 times fewer roll changes, substantially reducing the machine downtime. Due to the unique foil attachment set and the unequalled take-off arrangement, roll widths up to 900 mm can be easily stamped without forming creases. One-inch or three-inch cores can be used.

Constant foil tension ensures that no readjustment of the foil is necessary. Consequently, it is now possible to process large roll diameters without stopping the machine.

The touch-screen monitor facilitates easy and straightforward machine operation. Settings such as the machine speed, foil take-off and foil counter can be easily changed and read off.

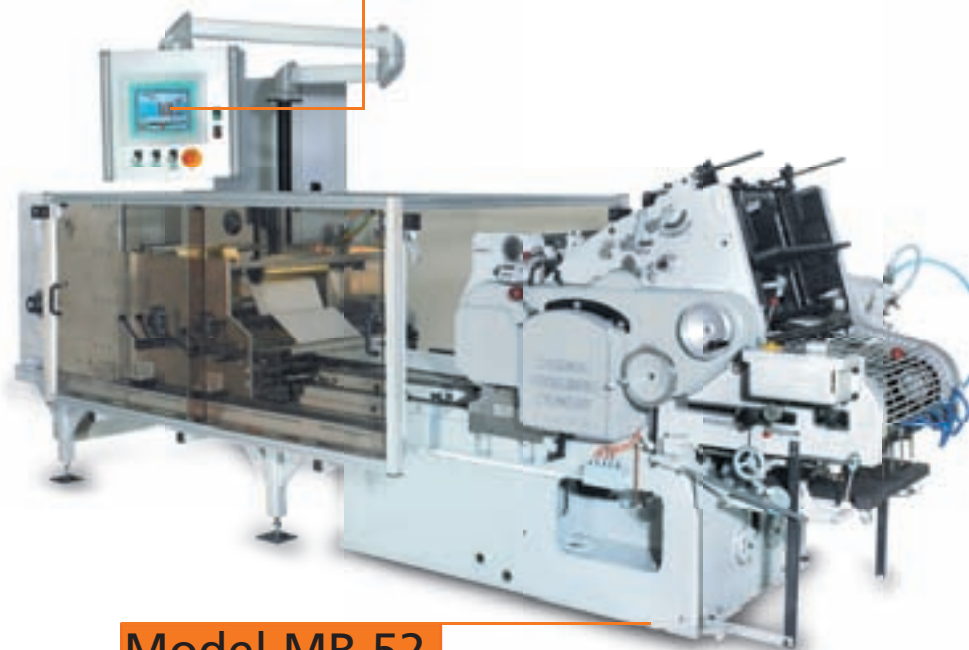
Model



Due to the special foil guidance, a constant foil tension is achieved, ensuring crease-free stamping.



Four heating zones ensure the optimum stamping temperature.



Model MR 52

A crane on the machine simplifies the trouble-free changing of the foil and the honeycomb plate.

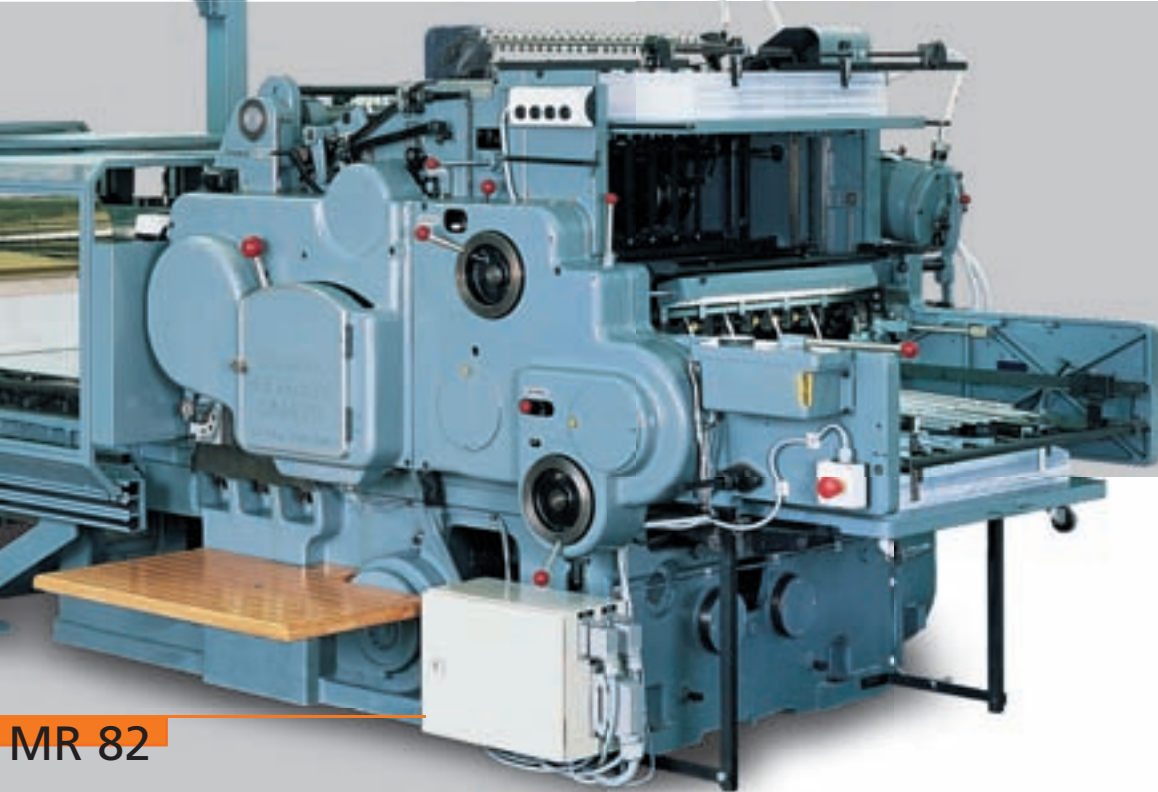


An optimised foil-economy programme minimises the foil consumption with only a few entries by the operator.

The stamping area has been increased by 7% compared to existing systems. This does not just facilitate larger stamping formats, but rather with a label form an additional range of benefits arises which increases production and not just in the stamping field.

Using a removable honeycomb plate in aluminium, jobs can be preassembled off the machine to speed up the change of jobs.

MR 82



Technical Data MR 52

Max. sheet format	380 x 520 mm
Min. sheet format	200 x 150 mm
Max. sheet thickness	0.7 mm
Stamping format max.	380 x 518 mm
Stamping-free gripper margin	8 - 10 mm
Heating zones	2
Cylinder diameter	380 mm
Covering thickness	1.5 mm
Height of machine pile and prepile	340 mm
Height of delivery pile	540 mm
Length of machine	4000 mm
Width of machine	2000 mm
Height of machine	2000 mm
Siting area of base frame	1600 x 1200 mm
Adjustment range	-0.3...+0.3 mm
Weight of machine	4500 kg
Width of imprinting foil rolls max.	518 mm
Foil roll diameter max.	320 mm (=4500 m wound)
Take-off rolls and programmes	2
Height of stamping tool	7 mm
Continuously adjustable speed	>3000 sheets/hr.
Required power supply	25 kW, 380 V - 415 V, 3-phase + neutral + earth
Drive	10 kW
Heating and foil take-off	15 kW
Diagnostics modem	Yes
Foil feeds	As standard 3
Foil feed accuracy	0.1 mm
Max. temperature	230 °C

Technical Data MR 77

Max. sheet format	560 x 770 mm
Min. sheet format	210 x 280 mm
Max. sheet thickness	0,75 mm
Stamping format max.	540 x 768 mm
Stamping-free gripper margin	8 - 10 mm
Heating zones	4
Cylinder diameter	540 mm
Covering thickness	1.5 mm
Height of machine pile and prepile	340 mm
Height of delivery pile	540 mm
Length of machine	5500 mm
Width of machine	2000 mm
Height of machine	2000 mm
Siting area of base frame	1600 x 1200 mm
Adjustment range	-0.3...+0.3 mm
Weight of machine	5000 kg
Width of imprinting foil rolls max.	769 mm
Foil roll diameter max.	320 mm (=4500 m wound)
Take-off rolls and programmes	3
Height of imprinting tool	7 mm
Continuously adjustable speed	>3000 sheets/hr.
Required power supply	25 kW, 380 V - 415 V, 3-phase + neutral + earth
Drive	10 kW
Heating and foil take-off	15 kW
Diagnostics modem	Yes
Foil feeds	As standard 3
Foil feed accuracy	0.1 mm
Max. temperature	230 °C

Technical Data MR 82

Max. sheet format	570 x 820 mm
Min. sheet format	210 x 280 mm
Max. sheet thickness	0.7 mm
Stamping format max.	570 x 815 mm
Stamping-free gripper margin	8 - 10 mm
Heating zones	4
Cylinder diameter	560 mm
Covering thickness	1.5 mm
Height of machine pile and prepile	340 mm
Height of delivery pile	540 mm
Length of machine	5500 mm
Width of machine	2300 mm
Height of machine	1900 mm
Siting area of base frame	1600 x 1200 mm
Weight of machine	6000 kg
Width of imprinting foil rolls max.	818 mm
Foil roll diameter max.	320 mm (=4500 m wound)
Take-off rolls and programmes	3
Height of imprinting tool	6.35 mm or 7 mm
Continuously adjustable speed	4000 sheets/hr.
Required power supply	25 kW, 380 V - 415 V, 3-phase + neutral + earth
Drive	10 kW
Heating and foil take-off	15 kW
Diagnostics modem	Yes
Foil feeds	As standard 3
Foil feed accuracy	0.1 mm
Max. temperature	230 °C

Technical Data MR 90

Max. sheet format	640 x 900 mm
Min. sheet format	290 x 400 mm
Max. sheet thickness	0,75 mm
Stamping format max.	620 x 840 mm
Stamping-free gripper margin	8 - 10 mm
Heating zones	4
Cylinder diameter	540 mm
Covering thickness	1.5 mm
Height of machine pile and prepile	340 mm
Height of delivery pile	510 mm
Length of machine	4670 mm
Width of machine	2450 mm
Height of machine	1650 mm
Siting area of base frame	1800 x 1500 mm
Weight of machine	7500 kg
Width of imprinting foil rolls max.	898 mm
Foil roll diameter max.	320 mm (=4500 m wound)
Take-off rolls and programmes	3
Height of imprinting tool	7 mm
Continuously adjustable speed	1000 - 3000 sheets/hr.
Required power supply	25 kW, 380 V - 415 V, 3-phase + neutral + earth
Drive	10 kW
Heating and foil take-off	15 kW
Diagnostics modem	Yes
Foil feeds	As standard 3
Foil feed accuracy	0.1 mm
Max. temperature	230 °C

Specifications are subject to change due to technical improvements.

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