# **RAPID**

# **PAD PRINTING MACHINES**



The series for high speed applications

For integration into automated systems

The electromechanical drive stands for its very high running smoothness





### **High requirements**

are the core competence of the RAPID machine series. At home in the construction of automated systems with very high performance requirements.

An energy-efficient electromechanical drive with extremely quiet running for precision designed printing motifs will guarantee your additional benefit. The integrated membrane keyboard offers a number of setting options and makes it possible to coordinate the machine exactly to your customerspecific task.

All models in the RAPID series are available optionally with a side-mounted or space-saving front-mounted ink residue pick-up system. To allow a better refitting, the ink residue pick-up system can be rotated upwards.

The RAPID 3000/60-1 without its own drive is available for special applications. It can be driven externally via a chain wheel or drive belt.

A machine series which was designed for a 24-hour continuous use.









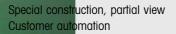
RAPID 3000/60-1 Built-in model for automations, for external drive





RAPID 2000/130 Floor standing model





Fully automatic 5-colour pad printing



Automation example with

12x RAPID Special design



headquarters Germany







## **TECHNOLOGY**

## **RAPID -SERIES**

RAPID		RAPID 2000/60-3	RAPID 2000/90	RAPID 2000/130	RAPID 3000/60-1
Item No. Integrated model		01 00 10	01 00 13	01 00 12	01 06 201) / 01 06 21
Ink residue pick-up system		optional	optional	optional	-
Single cycle		yes	yes	yes	_
Multiple printing		· · · · · · · · · · · · · · · · · · ·	,	•	
Continuous run		yes	yes	yes	_
		yes	yes	yes	<del>-</del>
Piece counter		yes	yes	yes	-
Variable speed control		yes	yes	yes	-
Cycles / hour	max.	1.500–6.000	1.300–5.400	1.700–4.500	8.000
Ink / doctoring cup size	Ømm	60	90	130 (option: 140)	60
Variable doctoring contact pressure		yes	yes	yes	yes
Cliché size	mm	70 x 140	100 x 215	150 x 300	70 x 140
Print image size max.	Ø mm	55	85	120 (option: 130)	55
Pad stroke onto workpiece	mm	84	123	160	84
Pad stroke onto cliché	mm	24	38	45	24
Pad installation height max.	mm	63	90	110	63
Force of pressure	N	500	1.500	2.000	500
Drive		electromechanic	electromechanic	electromechanic	externally driven
Connected load	kW	0,5	1,0	1,0	-
Power supply	V/phase	230V/1/N/PE	230V/1/N/PE	230V/1/N/PE	_
Interface		D-SUB 37-pole	D-SUB 37-pole	D-SUB 37-pole	_
Power frequency	Hz	50–60	50–60	50–60	-
Control		PLC	PLC	PLC	_
Control voltage	V/DC	24	24	24	_
Prefuse	A	16	16	16	_
Pneumatic supply fine filter 5 µm	bar	_	-	-	_
Air consumption / cycle	NL	_	_	_	_
Width	mm	261	327	394	339
Depth	mm	550	706	940	357
Height	mm	595	675	825	381
Weight	approx. kg	60	120	210	32
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<sup>1)</sup> without central lubrication

### Scope of supplies

- Tool kit
- Paper cup / 10 pcs.
- Spray bottle 500 ml
- Assembly table
- Gripping tongs
- Ink/doctoring cup
- Thrust collarPad coupling
- Printing pad
- Documentation

## **Accessories & Options**

- Ink/doctoring cups (steel, plastic, aluminium, ClipLock®)
- Various cross and plate cross tables
- Inclination adjustments
- Pad shifting unit
- Rotary index table
- Can be combined with the MODUL 2010
- Ink residue pick-up system left / right / to the front
- Drives with chain, toothed belt



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