

**RAPID**

**TAMPON PRINTING MACHINES**



TAMPON PRINTING MACHINES  
ACCESSORIES  
SERVICE

**The series for high speed applications**

**For integration into automated systems**

**The electromechanical drive stands for its very high running smoothness**



*technologies for your future*  
*made in germany*

ORIGINAL

**TAMPOPRINT®**

Tampon printing machines  
ALFALAS® Laser Systems  
Automations



STANDARD

RAPID -SERIES



### 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 customer-specific 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**.

# WITH HIGHTECH TO THE GOAL



"Rapid 2000/60-3"



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



"Rapid 2000/90"



"Rapid 2000/130"  
Floor standing model



Reference Toy industry:  
Fully automatic 12-colour tampon  
printing system,  
Performance: 24.000 printing  
parts/h



Automation example with  
12x "Rapid" Special desing



Large-scale machines - Production at  
headquarter Germany



Cross table with inclination adjustment



Special construction, partial view,  
Customer automation



Fully automatic 5-colour tampon printing  
system





Rapid 2000		Rapid 2000 / 60-3	Rapid 2000 / 90	Rapid 2000 / 130	Rapid 3000 / 60-1
Article No. Integrated model		01 00 10	01 00 13	01 00 12	01 06 20 <sup>1)</sup> / 01 06 21
Ink residue pick-up system		optional	optional	optional	optional
Single cycle		yes	yes	yes	-
Multiple printing		yes	yes	yes	-
Continuous run		yes	yes	yes	-
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	Ø mm	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	125 (option: 130)	55
Tampon stroke onto workpiece	mm	84	123	160	84
Tampon stroke onto cliché	mm	24	38	45	24
Tampon 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

<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 collar
- Tampon coupling
- Printing tampon
- Documentation

## Accessories & Options

- Ink/doctoring cups (steel, plastic, aluminium, "ClipLock®")
- Various cross and plate cross tables
- Inclination adjustments
- Tampon 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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TAMPOPRINT® products are permanently updated to keep pace with the latest technological developments. For this reason, figures and descriptions are non-binding. Our machines are manufactured based on the currently valid European Machinery Directives as well as the European product standards EN 1010 - 1 and EN 1010 - 2.

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