

RAPID

PAD PRINTING MACHINES



PAD 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

60 YEARS
1956-2016

ORIGINAL

TAMPOPRINT

Pad 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

100%
Made in Germany
by TAMPOPRINT® AG



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 pad printing system
Performance:
24.000 printing parts/h



Automation example with
12x RAPID Special design



Large-scale machines – Production at
headquarters Germany



Cross table with inclination adjustment



Special construction, partial view
Customer automation



Fully automatic 5-colour pad printing
system



| 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 20 ¹⁾ / 01 06 21 |
| Ink residue pick-up system | | 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 | 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 |

¹⁾ 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
- Pad 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



TAMPOPRINT® AG

Lingwiesenstraße 1
70825 Korntal-Münchingen, GERMANY
☎ +49 7150 928-0
Fax: +49 7150 928-0
E-Mail: info@tampoprint.de
Ventes et Affaires Françaises
☎ +49 7150 928-144
Fax: +49 7150 928-432
E-Mail: ventes@tampoprint.de
http: www.tampoprint.de

TAMPOPRINT® INTERNATIONAL CORP.

1400 26th Street, Vero Beach, FL 32960, USA
☎ +1 772 778-8896, 800 810-8896
Fax: +1 772 778-8289
E-Mail: sales@tampoprint.com
http: www.tampoprint.com

TAMPOPRINT® IBERIA S.A.U.

Polígono Industrial Martorelles,
C/ Sant Martí, s/n (entre Gorgs y Mogent)
08107 Martorelles (Barcelona), SPAIN
☎ +34 93 2327161
Fax: +34 93 2471500
E-Mail: tampoprint@tampoprint.es
http: www.tampoprint.es



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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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