PATENT PENDING

The fastest clocked pad printing machine on the market

Electromechanical drive

High number of parts, highest registration accuracy

60 YEARS 1956–2016

ORIGINAL
TAMPOPRINT®

Pad Printing Machines
ALFALAS® Laser Systems
Automations

HER PULSE: 9000

There is only one

There was a need for coming up with a new pad printing machine, the basis of which opens up new target markets for us both technologically and in terms of applications. This has cut down flat-bed printing's negative distance in performance to rotary printing in terms of part output.

The result: the development of the SPEED 40-2 pad printing machine. Its output: as many as 9,000 cycles/h in continuous run. The production quantity is max. 18,000/h printed parts (single colour with a printed image size of Ø 37 mm). Very high true-to-register printing, precision contours and photo and line images.

The SPEED is a built-in execution, suitable for any kind of clocked, linear or rotary transfer systems. Thanks to its integrable misprint device there is no stopping of the machine in the absence of a workpiece.

The power costs are low in comparison to the cycle number (part output). The SPEED 40-2 is a fast shortstroke machine of a new series of pad printing machines.

No other pad printing machine on the market offers these benefits.

100%
Made in Germany
by TAMPOPRINT® AG

Variant:
housing cover made
of stainless steel

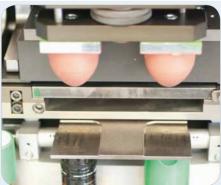Built-in execution SPEED 40-2
with control system and frequency
converter

SPEED MODUL 2010
standardised automation
assembly with high-
speed NC index table

Reference automation for
small parts with rotary
index table

SPEED at the index table …

SPEED at the ring …

Automation with 4-fold use
36.000 parts/h

… proven SPEED change system

… 2 in one sweep

SPEED guaranteed … misprint device

YVES ROCHER

SPEED 40-2		SPEED 40-2	SPEED 40-2	SPEED 40-2	SPEED 40-2
Item No. Integrated model		01 06 10	01 06 11 [1]	01 06 12	01 06 13
Misprint device		optional	optional	optional	optional
Single cycle		yes	yes	yes	yes
Multiple printing		yes	yes	yes	yes
Continuous run		yes	yes	yes	yes
Piece counter		–	yes	–	–
Variable speed control		external	yes	external	–
Number of cycles/hour	max.	1.500–9.000	1.500–9.000	1.500–9.000	1.500–9.000
Ink/doctoring cup	ø mm	2 x Ø 42	2 x Ø 42	2 x Ø 42	2 x Ø 42
Variable doctoring contact pressure		no	no	no	no
Cliché size	mm	150 x 110	150 x 110	150 x 110	150 x 110
Print image size max.	ø mm	2 x Ø 37	2 x Ø 37	2 x Ø 37	2 x Ø 37
Pad stroke onto workpiece	mm	60	60	60	60
Pad stroke onto cliché	mm	23	23	23	23
Pad installation height max.	mm	60	60	60	60
Force of pressure per pad/machine	N	270/550	270/550	270/550	270/550
Drive (see below)		electromechanic	electromechanic	electromechanic	externally driven
Connected load	kW	0,6	1,0	1,0	–
Power supply	V/phase	400V/3/N/PE	400V/3/N/PE	400V/3/N/PE	–
Interface		–	D-SUB 37-pole	–	–
Power frequency	Hz	50–60	50–60	50–60	–
Control		–	PLC	–	–
Control voltage	V/DC	–	24	24	–
Prefuse	A	16	16	16	–
Pneumatic supply fine filter 5 µm	bar	6*	6*	6*	6*
Air consumption/cycle	NL	0,1*	0,1*	0,1*	0,1*
Width	mm	297	297	297	297
Depth	mm	430	430	430	430
Height	mm	592	592	592	592
Weight	approx. kg	38	38	38	38

* if option misprint device is used // [1] Stand-Alone

Drive Description		Drive with AC asynchronous motor and resolver, without controller; without connecting cable; without control cabinet	Drive with AC asynchronous motor and frequency converter; connecting cable (5 m) with plug connection at the machine; with control cabinet	Drive with AC asynchronous motor and servo controller; connecting cable (5 m) with plug connection at the machine; without control cabinet	Without motor, externally driven (input shaft gear)

Scope of supplies:

- Ink/doctoring cups
- Hold-down bridge client-specific version
- Pad bridge client-specific version
- Assembly table
- Gripping tongs
- Printing pads
- Tools and accessories set
- Technical documentation

Accessories & Options

- Machine stand made of aluminium profiles
- Frame made of steel, closed, with angle table
- Aluminium cross table for the positioning of jigs
- Mounting plate for jig
- Misprint device
- Overhead model

ORIGINAL
TAMPOPRINT®