

**HERMETIC**

**PAD PRINTING MACHINES**



**PAD PRINTING MACHINES**  
**ACCESSORIES**  
**SERVICE**

**Standard pad printing machine with an electromechanical drive**

**Highest ease of use**

**Compact design ideal for integration into automations**

ORIGINAL

**TAMPOPRINT®**

**60 YEARS**  
1956-2016

Pad Printing Machines  
ALFALAS® Laser Systems  
Automations



STANDARD

HERMETIC -SERIES

100%  
Made in Germany  
by TAMPOPRINT® AG

# FOCUS ON DIVERSITY

The universal HERMETIC series offers a range of applications thanks to its features. In particular, the electromechanical drive with its very quiet running has predestined the HERMETIC series for integration into automated systems.

The ink residue pick-up system (option) can be integrated into the machine housing, allowing the machine to be used in confined spaces.

Exclusive to TAMPOPRINT is the adjustable pad stroke onto the workpiece in combination with an electromechanical machine drive.

The variable contact pressure of the ink/docting cup offers optimised service lifetimes for the printing clichés used and the best results for doctoring.

In addition to all the above advantages, the HERMETIC 150 offers a max. print image size of Ø 140 mm. An (optional) ink residue pick-up system can be fitted either on the right or left of the machine.



Practical plastic housing,  
perfectly designed, easy accessibility



Ink residue pick-up system  
(pad cleaning)



HERMETIC 9-11 universal in an  
automation



HERMETIC 9-11 universal with  
monitoring camera, in an automation



HERMETIC 9-12 universal



HERMETIC 6-12  
universal

Accessories:  
"Service Unit" – the  
flexible carriage



HERMETIC 13-12 universal



HERMETIC 150



HERMETIC		HERMETIC 6-12 universal	HERMETIC 9-12 universal	HERMETIC 13-12 universal	HERMETIC 150
Item No. Table model / Built-in execution		01 00 46	01 06 00	01 06 01	01 00 42 / 01 00 41*
Ink residue pick-up system		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	yes	yes	yes
Variable speed control		yes	yes	yes	yes
Cycles/hour	max.	1.300–4.100	1.100–3.600	1.000–2.700	750–2.100
Ink cup/doctoring cup	ø mm	60	90	130	150
Variable doctoring contact pressure		yes	yes	yes	no
Cliché size	mm	70 x 140	100 x 215	150 x 300	160 x 350
Print image size max.	ø mm	55	85	125	140
Variable pad stroke onto workpiece	mm	80–110	110–150	120–160	160–190
Pad stroke onto cliché	mm	32	40	45	50
Pad installation height max.	mm	76	92	110	136
Force of pressure	N	300	1.100	1.800	2.500
Drive		electromechanical	electromechanical	electromechanical	electromechanical
Connected load	kW	0,5	1,0	1,0	1,0
Power supply	V/phase	230V/1/N/PE	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	D-SUB 37 pole
Power frequency	Hz	50–60	50–60	50–60	50–60
Control		PLC	PLC	PLC	PLC
Control voltage	V/DC	24	24	24	24
Prefuse	A	16	16	16	16
Pneumatic supply fine filter 5 µm	bar	–	–	–	–
Air consumption / cycle	NL	–	–	–	–
Width	mm	323 / 400**	360 / 600**	393	490 / 410*
Depth	mm	811 / 840**	1.000 / 1.000**	1.175	1.073 / 1.066*
Height	mm	750 / 1.530**	870 / 1.720**	1.076	1.770 / 895*
Weight	approx. kg	70 / 92**	155 / 201**	266	510 / 390*

\* = Built-in execution, \*\* = Floor standing model

## Scope of supplies

- Toolkit
- Paper cups / 10 pcs
- 1 spray bottle 500 ml
- 1 assembly table
- 1 pair gripping tongs
- 1 ink/doctoring cup
- 1 thrust collar
- 1 pad coupling
- 1 pad, 6 Shore-A, silicone material 03
- Foot switch
- Documentation

## Accessories & Options

- Machine stand made of aluminium profiles / frame made of steel
- x/y cross table, chassis with x/y cross support
- Ink residue pick-up system (machine prepared for installation)
- Multicolour thrust collars
- Rotary index tables T2 / T4 / 150 T2 / 150 T4
- Thrust collar adapter Ø 90 to 60 mm
- Thinner-metering system "hermetic"
- Can be combined with the MODUL 2010
- Standard or special version
- Without chassis, with separated operator panel
- Housing made of stainless steel



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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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