

## ENCODER Pad Printing Machine



PAD PRINTING MACHINES ACCESSORIES SERVICE

Pad printing machine for the most demanding printing positions

Brilliant print in any angle of inclination, even overhead

Specially developed for integration in all kinds of automated systems

## Standard Pad Printing Machines

# ENCODER Series

The **ENCODER** machine series was specifically developed for integration in all kinds of automated systems.

Variable control possibilities:

For the EP series we offer three different electronic control possibilities.

Variable installation positions:

The **ENCODER EP/1** models, equipped with a piston on the ink/ doctoring cup and adequate overhead control, guarantee all print positions.

Fitted with the **ENCODER** aluminium stand, the **ENCODER EP/1** have a free choice of positioning within 360° and the distance to the printing component can be additionally adjusted with a handwheel.

No rejects due to misprints:

For the **EP** series we offer our well-ried ink residue pick-up system. It can be optionally attached to the left or right (option).



**ENCODER 40 EP**



**ENCODER 40 EP/1**

Integration position between 90–180° with optional ink residue pick-up system

ENCODER Series

# Focus on change



**With pad printing**  
it becomes recognizable.

Technology

# ENCODER Series

ENCODER		ENCODER 40 EP & EP/1	ENCODER 50 EP & EP/1
Table model	Item No.	01 00 57 / 01 00 58 <sup>1)</sup>	01 00 36 / 01 00 56 <sup>1)</sup>
Ink residue pick-up system		optional	optional
Single cycle		yes	yes
Multiple printing		yes	yes
Continuous run		yes	yes
Piece counter		yes	yes
Variable speed control		yes	yes
Cycles/hour	max.	400–3500	400–2400
Ink/doctoring cup	ø mm	42	60
Variable doctoring contact pressure		yes	yes
Cliché size	mm	60 x 105	70 x 140
Print image size max.	ø mm	37	55
Variable pad stroke onto workpiece	mm	50–100 (125–300 <sup>2)</sup> )	50–100 (125–300 <sup>2)</sup> )
Pad stroke onto cliché	mm	20–40	–
Pad installation height max.	mm	50	60
Force of pressure	N	270	450
Drive		electropneumatic	electropneumatic
Connected load	kW	0,5	0,5
Power supply	V/phase	230V/1/N/PE	230V/1/N/PE
Interface		–	–
Power frequency	Hz	50–60	50–60
Control		PLC	PLC
Control voltage	V/DC	24	24
Prefuse	A	16	16
Pneumatic supply fine filter 5 µm	bar	6	6
Air consumption / cycle	NL	1,5	3,9
Width	mm	153	173
Depth	mm	325	380
Height	mm	337	383
Weight	approx. kg	23	29

1) EP/1 = Excess pressure regulation in the ink/doctoring cup, vacuum control unit 2) Special depth

Floor standing model (option)

Standard Pad Printing Machines

# ENCODER Series

## ENCODER

Variable printing positions  
and printing angles



## ENCODER EP

Fully automatic machine for the  
medical technology industry



## Scope of supplies

Toolkit  
Paper cups  
Spray bottles  
Assembly table  
Gripping tongs  
Ink/doctoring cup  
Thrust collar  
Pad  
Documentation

## Accessories & Options

ENCODER aluminium frame 360° with height adjustment via handwheel  
Stroke extension 50 EP optionally 160, 200, 300 mm – ex works  
Vacuum control unit EP/1 – excess pressure regulation with special below  
Ink residue pick-up system left/right EP  
Pad spreading device, towing equipment  
Control cabinet with PLC and operator display integrated in PLC cabinet  
Control cabinet with PLC and remote control display  
Remote control display, without PLC control

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Technical Data  
tampo.link/encoder

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All locations are certified ISO 9001:2015

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