

RTI COMPACT SERVO Pad Printing Machine



PAD PRINTING LASER MARKING CONSUMABLES SERVICE

Standard rotary pad printing machine
One-color circular printing 360°
Fast product change



RTI servo unit
with segment pad roller for all-around
printing of components



RTI COMPACT SERVO

Focus on change

The RTI COMPACT SERVO standard rotary pad printing machine is a smart, compact solution for your all-round printing needs.

Equipped with the RTI 21-150 rotary printing unit, the RTI COMPACT SERVO reaches a printing speed of up to 40 m/min and is ideal for printing on components from a variety of industries. Its printing accuracy and small footprint make it an attractive choice for applications where the required number of parts must be realized with manual feeding. Operator protection is provided by a light curtain.

The ink residue pick-up system is integrated in the RTI 21-150. Adjustable cleaning cycles provide more stability in the printing process. In addition, the use of state-of-the-art rotary technology in the RTI 21-150 offers reliable supply security for spare parts. The user-friendly operating structure in the HMI ensures easy handling and clarity. Multiple automatic print cycles can be programmed, allowing double or multiple prints without operator intervention. The product changeover can be realized quickly due to the servo technology.

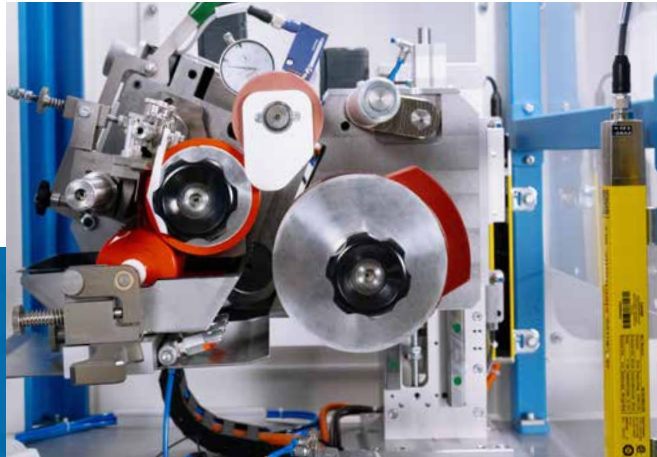
RTI COMPACT SERVO

Compact, practical, comfortable, good



RTI COMPACT SERVO

Light curtain for high safety



Pad printing
makes it individual

Technology

RTI COMPACT SERVO

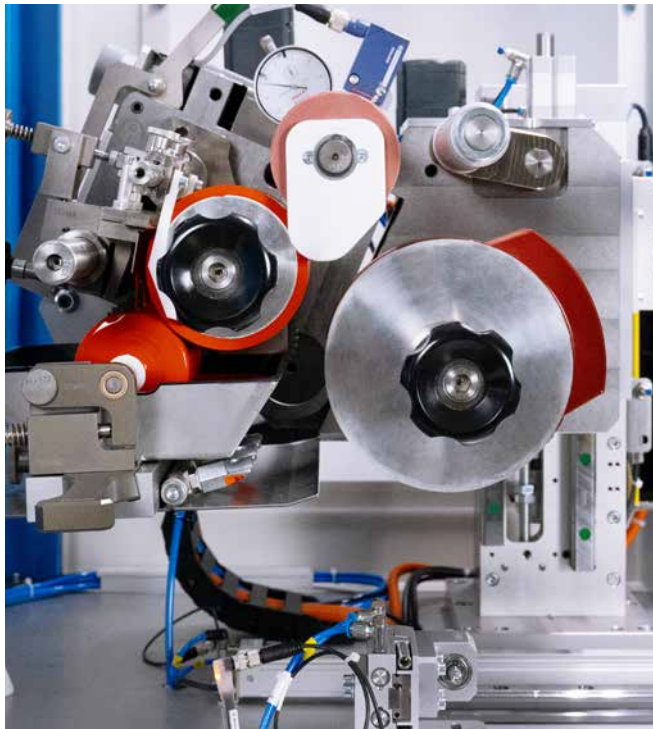
RTI COMPACT SERVO – Rotary Pad Printing Machine		
RTI COMPACT SERVO	Item No.	01 08 50
RTI COMPACT SERVO – height adjustment	Item No.	01 08 51
RTI COMPACT SERVO – cliché adjustment	Item No.	01 08 52
RTI COMPACT SERVO – height or cliché adjustment	Item No.	01 08 53
Cliché cylinder (Ø 25 mm)	mm	100 x 100 or 50 x 100
Pad roller (Ø 20 mm)	mm	Segment roller
Print image size max. depth x length	mm	90 x 314 oder 40 x 314
Continuous run	Cycles/h	600
Printing speed	m/min	max. 40
Force of pressure	N	Depending on pad hardness and width
Variable speed control		Yes
Register adjustment cliché setting (optional)	°electric	+/- 2 mm
Register adjustment height setting (optional)	°electric	360°
Ink residue pick-up system		Yes
Piece counter		Yes
Variable doctoring contact pressure		Yes
Cliché shaft Ø	mm	25
Pad shaft Ø	mm	40
Drive		Servo-electric
Control		PLC
Connected load	kW	1,0
Prefuse	A	16 A / 10 kA
Power supply (special voltage on request)	V/phase	230 V 1/N/PE
Power frequency	Hz	50/60
Control voltage	V/DC	24
Air consumption/cycle	NL	0
Pneumatic supply fine filter 5 µm	bar	6
Noise emission	dB(A)	65
Width	mm	1410
Depth	mm	800
Height	mm	2228
Weight	approx. kg	430

Standard Pad Printing Machines

RTI COMPACT SERVO

RTI COMPACT SERVO

Ideal for various industries with outstanding print accuracy and a printing speed of up to 40 m/min



RTI COMPACT SERVO

Servo motors for perfect synchronization between printing cylinder, printing pad roller and substrate



Scope of supply

Tool kit
Documentation

Accessories & Options

Cliché width 50/100 mm
Electrical cliché adjustment
Electrical height adjustment
Customized machine elaboration



SERVICE APPLICATION TECHNOLOGY

Good advice down to the last detail.

All customer-related topics concerning pad printing and laser technology come together in our application technology department.

Service

Application Technology

Good advice down to the last detail

Our application engineering department carries out a detailed analysis of the task at hand, determines all process requirements and develops the best possible procedure for your marking process. We support you in the introductory phase of your series production, verify your process sequence and integrate it into your existing production line.

Successful from the first series

- Support with machine setup
- Process optimization of existing production systems
- Support from pad printing and laser specialists
- Development of marking processes
- Definition of printing/laser machine parameters
- Verification of process sequences

Feasibility analysis and sampling

Determination of the optimum interaction of all components



Small series production and start-up support

Pre-series production by our experienced application engineers



Contract manufacturing

Test prints, sampling and production outsourcing

100% process ownership - everything from a single source

Matching consumables and process accessories for high-quality printing results thanks to perfect harmony of all components



technologies for your future

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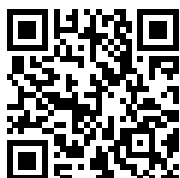
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