

RTI

ROTARY PAD PRINTING UNITS



PAD PRINTING MACHINES
ACCESSORIES
SERVICE

Specialty from the company TAMPOPRINT

Rotary pad printing since 1981

Worldwide established

60 YEARS
1956-2016

ORIGINAL

TAMPOPRINT®

Pad Printing Machines
Laser Systems ALFALAS®
Automations

STANDARD

ROTARY PAD PRINTING UNITS

100%
Made in Germany
by TAMPOPRINT AG



Since 1981

The rotary pad printing is a special variant of the pad printing and since 1981 a specialty of our company. By arranging several rotary pad printing units one after another, high-quality multicolour prints can be produced.

The rotary printing is used for cylindrical and plane moulded parts or partial surface areas.

Beside of the colour transfer for marking and decoration print images, in the rotary pad printing also primer, medication, glue, infrared absorbing lacquers and much more are transferred on different surfaces.

We offer 3 different rotary pad printing units and a stand-alone solution for you to choose from.

The integration position of the rotary pad printing units displayed here depends on the process of our customers.

The H-RTI 21-150

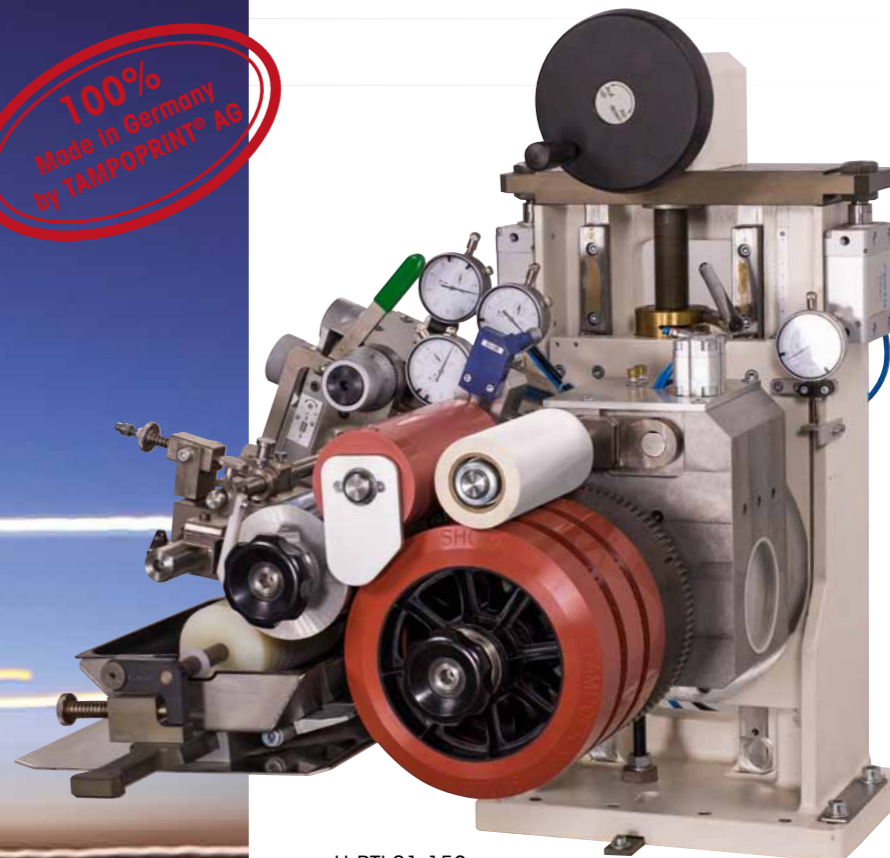
Horizontally working rotary printing unit which is specifically suited for use in any kind of automated systems. Built into all ROTOPRINT and CONTINUA, automated systems for bottle closures, since 2012 as the successor to the proven H-RTI 2000. Set-up time optimised by the simple method of setting the registration positions and the contact pressure without tools.

The V-RTI 3000 & H-RTI 2000

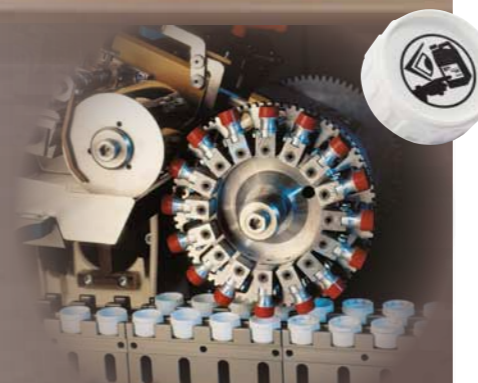
Horizontally or vertically operating rotary printing units. By means of this positioning, the products delivered can be printed from above or from the side. Particularly for cylindrical and vertically standing parts, the V-RTI 3000 – the further development of the proven V-RTI 2000, is the ideal rotary pad printing unit.

While planning printing processes within the limits of a de-risking project, cliché material and printing inks as well as printing pad form and printing pad material will be determined and can be represented in a 24/7 running production with a machine availability of > 95%.

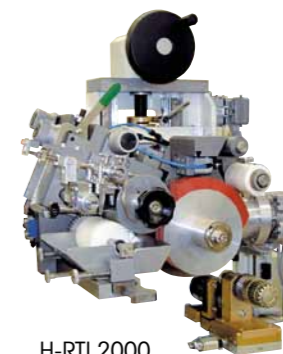
WITH SURFACE ADHESION



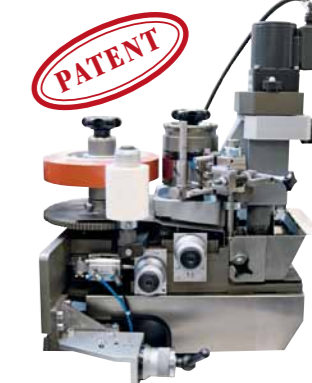
H-RTI 21-150
Horizontal
rotary pad printing unit



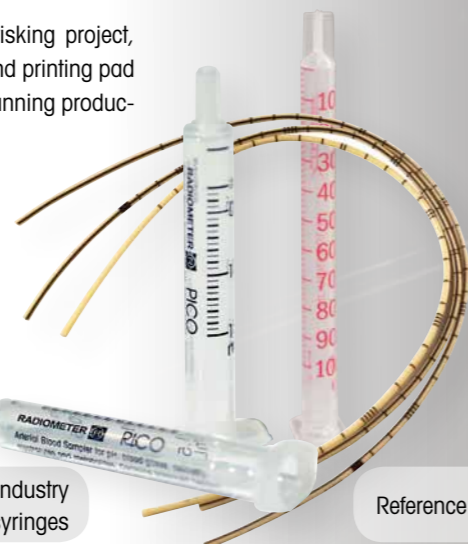
Specialty: Pad wheel with
segment pads
for inside printing



H-RTI 2000
Horizontal
rotary pad printing unit



V-RTI 3000
Vertical
rotary pad printing unit



Reference: Medical-technical industry
Disposable syringes



Reference: Automotive industry

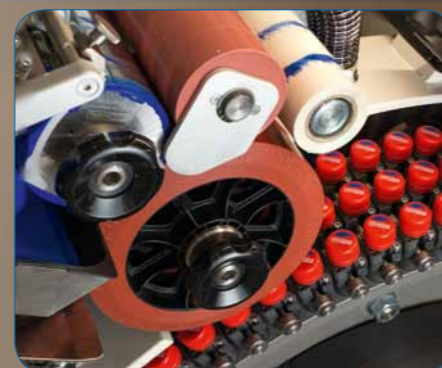
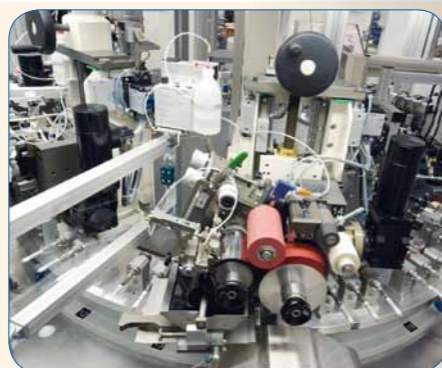


Reference: Beverage industry



Reference: Steel industry

Reference: Technical parts





Pad rollers for any application case from our own production



Cliché cylinders from our own production using latest technology



Pad printing inks exclusively at TAMPOPRINT, specially matched to the rotary pad printing

Integrated rotary pad printing unit Rotations		H-RTI 2000	V-RTI 3000	H-RTI 21-150 - 25/40	RTI 21-150 - 40/40
Item No.		01 04 00	01 04 22	01 04 40 / 01 04 41	01 04 42 / 01 04 43
Ink residue pick-up system		optional	optional	Series	Series
Single cycle		-	-	-	-
Multiple printing		-	-	-	-
Continuous run		yes	yes	yes	yes
Piece counter		-	-	-	-
Variable speed control		external	external	external	external
Printing speed	m/min	40	40	40	40
Registration adjustment axial	mm +/-	2	5	2	2
Registration adjustment radial	Degree +/-	3	4	4	4
Adjustment travel vertical	mm	150	10	150	150
Variable doctoring contact pressure		yes	yes	yes	yes
Cliché cylinder Ø x width	mm	100 x 100	90-100 x 100	100 x 100/150	100 x 100/150
Print image size max. depth x length	mm	80 x 314	80 x 314	80/130 x 314	80/130 x 314
Pad roller Ø	mm	201	201	201	201
Cliché shaft diameter Ø	mm	25	25	25	40
Pad shaft diameter Ø	mm	40	25	40	40
Drive		w/o its own drive	w/o its own drive*	w/o its own drive	w/o its own drive
Power supply	V/phase	-	400V/3/PE (ink supply)	-	-
Drive via tooth wheel, pad shaft		optional	-	optional	optional
Motor drive		optional	-	optional	optional
Chain drive		optional	-	optional	optional
Power frequency	Hz	50-60	50-60 (ink supply)	50-60	50-60
Control		external	external	external	external
Control voltage	V	external	external	external	external
Prefuse	A	external	external	external	external
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	730	416	720	720
Depth	mm	540	552	540	540
Height	mm	700	490	700	700
Weight	approx. kg	85	42	118	118

* optional drive possibilities



TAMPOPRINT® AG

Lingwiesenstraße 1
70825 Korntal-Münchingen, GERMANY
© +49 7150 928-0
Fax: +49 7150 928-400
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



The reproduction of trademarks and brands used in this brochure, even if not explicitly expressed, does not justify the assumption that such names or symbols may be considered as free as defined by the Trademark Act and may therefore freely be used. The rights are the property of the respective owner.

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.

Subject to alterations! ©Copyright