

TECHNOLOGY

TTG / TSG -SERIES

TSG / TTG*		TSG 80/60-90/41 Compact	TSG 125/60-150/41	TSG 150/60-130/31	TSG 200/150-210/41
Parts no.		-	-	-	-
Ink residue pick-up system		optional	optional	optional	optional
Single cycle		yes	yes	yes	yes
Double cycle		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.	400 - 1.500	200 - 1.100	400 - 2.100	200 - 750
Ink cup/doctoring cup	Ø mm	60 / 90	60 / 90 / 130 / 150	60 / 90 / 130	150 / 210
Cliché size cup Ø 60	mm	70 x 140	70 x 140	70 x 140	-
Cliché size cup Ø 90	mm	100 x 215	100 x 215	100 x 215	-
Cliché size cup Ø 130	mm	-	150 x 300	150 x 300	-
Cliché size cup Ø 150	mm	-	160 x 350	-	160 x 350
Cliché size cup Ø 210	mm	-	-	-	220 x 500
Print image size max.	Ø mm	55 / 85	55 / 85 / 125 / 145	55 / 85 / 125	140 / 200
Variable tampon stroke onto workpiece	mm	20 - 100	20 - 100	60 - 120	20 - 150 / 250 (option)
Variable tampon stroke onto cliché	mm	20 - 100	20 - 100	50 - 95	20 - 100
Tampon installation height max. (depending on number of colours)	mm	100	90	114	215
Force of pressure	N	1.000	2.800	6.000	4.500 / 7.300 (option)
Drive		electropneumatic	electropneumatic	electromechanic	electropneumatic
Connected load	KW	0,5	0,5	3,5	0,5
Power supply	V/phase	230V/1/N/PE	230V/1/N/PE	400V/3/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	6	6	6	6
Air consumption / cycle	NL	4,75	16	0,05	44
Width	mm	*632 / 632	*max. 950	max. 1.126	*max. 1.380
Depth	mm	*870 / 970	*1.104 / 1.120	1.490	1.650
Height	mm	*680 / 1.476	*675 / 1.530	1.755	1.915
Weight (varies depending on model)	approx. kg	150	200-300	800	680-760

* = Table model possible

Scope of supplies

- Toolkit
- Paper cups / x 10 pcs.
- 1 (2) brush
- 1 (2) assembly table
- 1 (2) gripping tongs
- 1 (2) ink/doctoring cup
- 1 (2) clamping ring
- 1 (2) thrust collar
- 1 spray bottle, 500 ml
- 1 (2) tampon coupling
- Foot switch
- Documentation
- 1 (2) tampon 410 (2/97), 6 Shore-A, silicone material 03

Accessories & Options

- Conveyors = horizontal / vertical
- 2-colour devices
- Tampon bridges
- Jigs
- Tampon ventilation
- Automation interface
- "ClipLock®" ink/doctoring cup
- Tampon shifting unit
- Ink residue pick-up system



TAMPOPRINT® AG
 Lingwiesenstraße 1
 70825 Korntal-Münchingen, GERMANY
 ☎ +49 7150 928-0
 Fax: +49 7150 928-400
 E-Mail: info@tampprint.de
"Ventes et Affaires Françaises"
 ☎ +49 7150 928-144
 Fax: +49 7150 928-432
 E-Mail: ventes@tampprint.de
 http: www.tampprint.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@tampprint.com
 http: www.tampprint.com

TAMPOPRINT® IBERIA S.A.U.
 c/Caspe 127-135 local B, 08013 Barcelona, SPAIN
 ☎ +34 93 2327161
 Fax: +34 93 2471500
 E-Mail: tampprint@tampprint.es
 http: www.tampprint.es

Dealer:

ORIGINAL



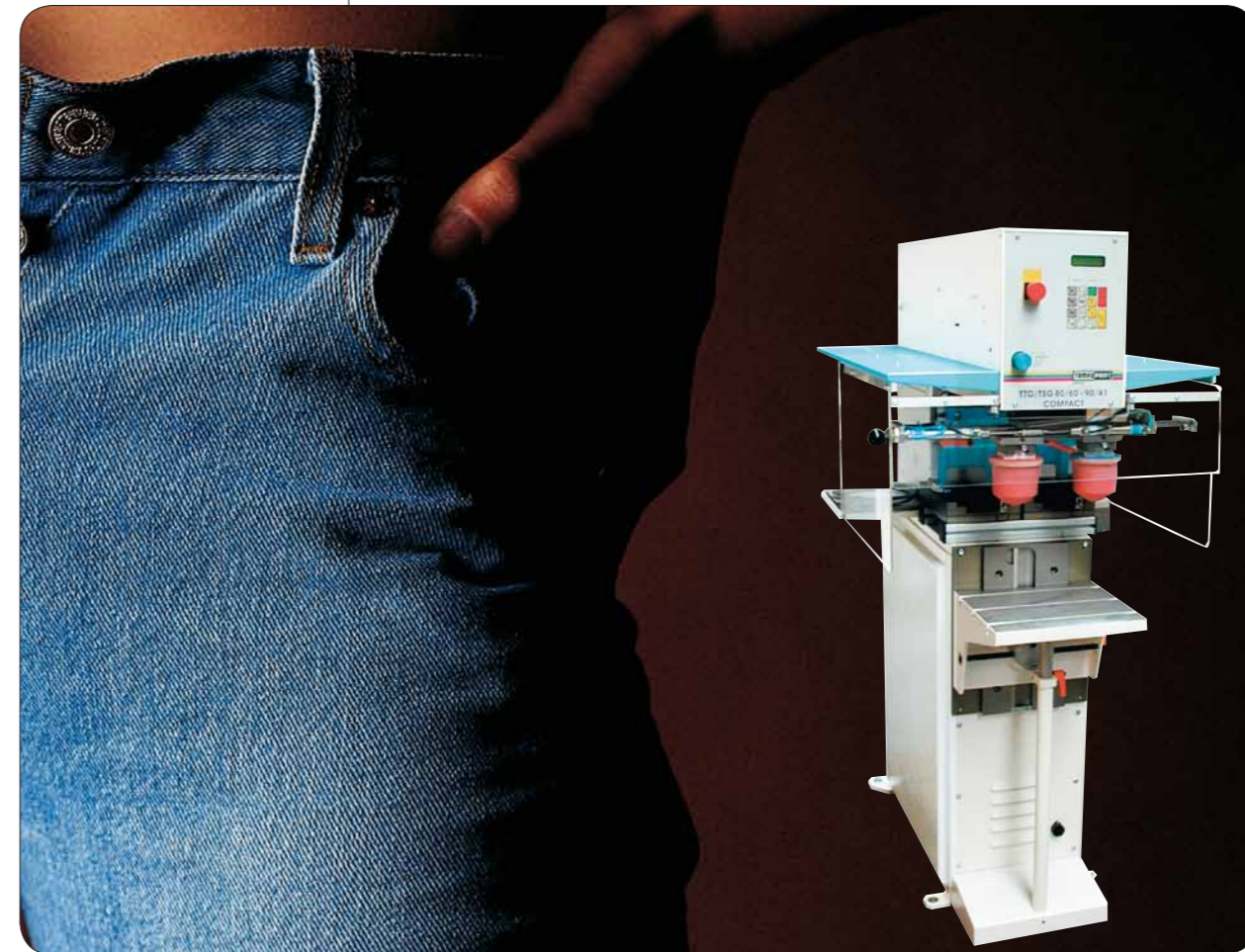
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TAMPOPRINT® products are permanently updated to keep pace with the latest technological developments. For this reason, figures and descriptions are non-binding. Our machines are manufactured based on the currently valid European Machinery Directives as well as the European product standards EN 1010 - 1 and EN 1010 - 2.

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TTG / TSG

TAMPON PRINTING MACHINES



TAMPON PRINTING MACHINES
 ACCESSORIES
 SERVICE

Classic tampon printing

Very variable number of colours, motif sizes

Ideal as basis for semi-automatic machine

*Technologies for your future
 made in germany*

ORIGINAL



Tampon printing machines
 ALFALAS® Laser Systems
 Automations

Wide range



The "TSG" machine series offers a wide range of machines for multi-colour tampon printing. Print image sizes from Ø 55 up to 200 mm as 1 to 5-colour print images can be realised with the compact design.

Model versions are available with ink/doctoring cup sizes Ø 60, 90, 130, 150, 210 mm.

The optimum registration or individual print image positioning of the doctoring cup unit is achieved thanks to the standard equipment with a x-y-w cliché holder.

A tampon shifting unit is the ideal optional complement for the 2-colour printing at one position.

The "COMPACT" is a special variant. For the 2-colour printing, this standard machine is available with ink/doctoring cups with Ø 60 or 90 mm, including a tampon shifting unit.

For semi-automatic machines and 3 to 5-colour print images, we recommend transfer systems with an individual adjustment for the applications of our customers.

STURDY AND EFFICIENT



"TSG 80/60-90/41 Compact"



"TSG 125/60-130/41"



"TSG 200/150-210/41"



Reference: Semi-automatic machine for the decoration of golfballs with 5 colours



Reference semi-automatic machine: Tool industry with linear cycle conveyor



Mechanical precision jig with 180° turning

Reference semi-automatic machine: Sports goods - binding with DUO-S cycle conveyor

Reference: Electrical industry "TSG 200" printing of spotlights

