

TECHNICAL

TTG / TSG -SERIES

TTG / TSG	TSG 80/60-90/41 Compact	TSG 125/60-150/41	TSG 150/60-130/31	TSG 200/150-210/41
Parts no.	upon request	upon request	upon request	upon request
Tampon cleaning	optional	optional	optional	optional
Single cycle	Yes	Yes	Yes	Yes
Dual-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 - 1,200	400 - 2,100	200 - 1,000
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	100 x 215	100 x 215	100 x 215	-
Cliché size cup Ø 130	-	150 x 300	150 x 300	-
Cliché size cup Ø 150	-	160 x 350	-	160 x 350
Cliché size cup Ø 210	-	-	-	220 x 500
Print image diameter	max. Ø mm 55 / 85	55 / 85 / 125 / 145	55 / 85 / 125	140 / 200
Tampon stroke onto workpiece	mm 20 - 100	20 - 100	60 - 120	20 - 150 / 250 (option)
Tampon stroke onto cliché	mm 20 - 100	20 - 100	50 - 95	20 - 100
Tampon installation height max.(depending on number of colours)	mm 92 - 136	64 - 144	114 - 120	220 - 228
Force of pressure	N 1,000	2,500	6,000	4,500 / 7,300 (option)
Drive	electro-pneumatic	electro-pneumatic	electro-mechanical	electro-pneumatic
Connected load	kW 0.5	0.5	3.5	0.5
Power supply (special voltage possible)	230 V/single-phase	230 V/single-phase	400 V/3-phase	230 V/single-phase
Control	PLC	PLC	PLC	PLC
Control voltage	V/DC 24	24	24	24
Pneumatic supply	bar 6	6	6	6
Air consumption / cycle	NL 4.75	15	0.05	44
Width	mm *632 / 632	*550 / 550	860	*726 / 1.345
Depth	mm *850 / 970	*1,104 / 1,120	1,490	1,650
Height	mm *620 / 1,476	*695 / 1,495	1,755	1,915
Weight (varies depending on model)	kg 150	200	800	455

* = Table model

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, quality 3

Options:

- "DUO-S" conveyor
- N/C axis
- tampon cleaning
- rotary index table T2, T150
- bench model upon request
- cross table "small", "large", "AL"



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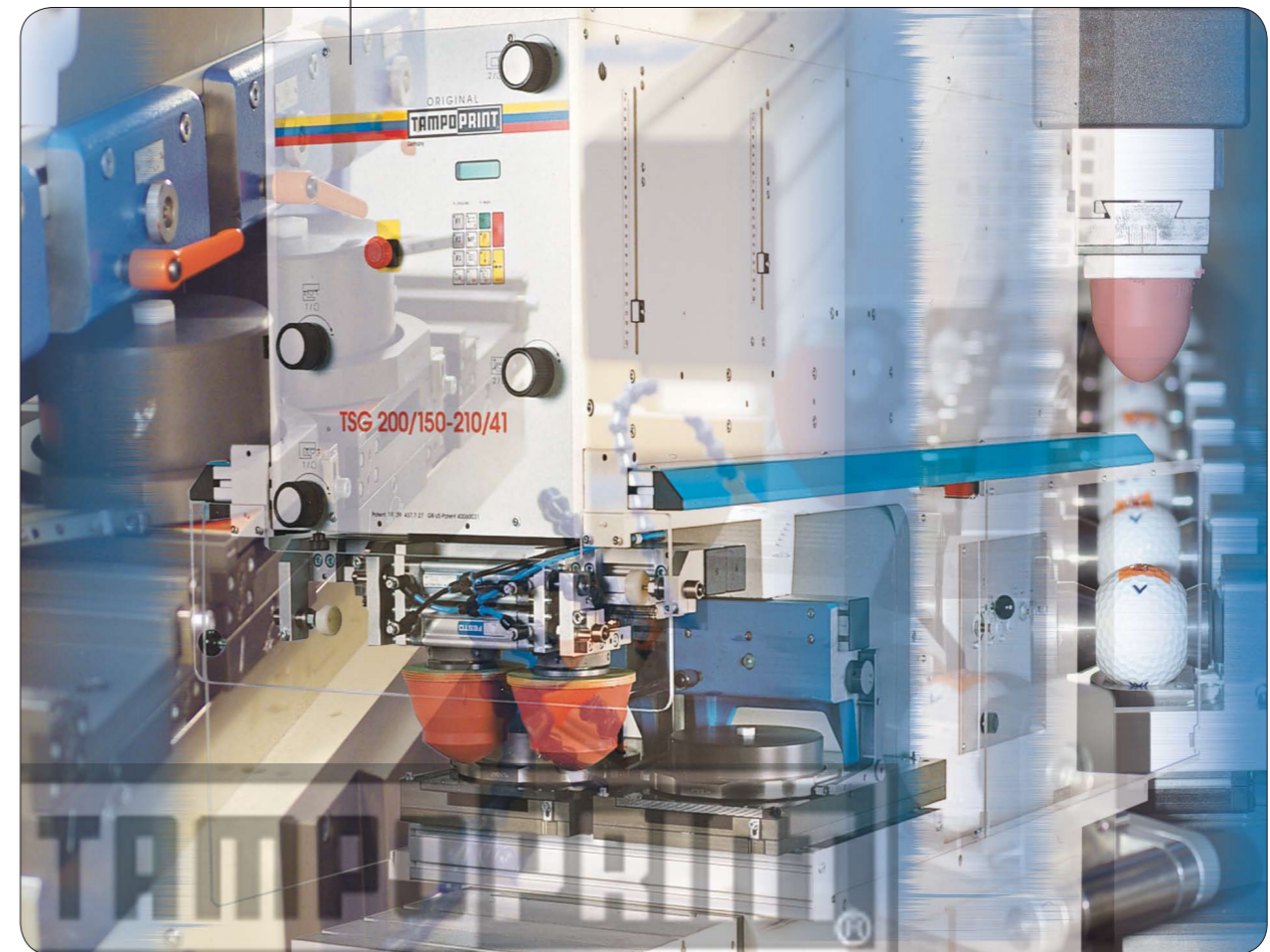
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TTG / TSG

TAMPON PRINTING MACHINES



- TAMPON PRINTING MACHINES
- ACCESSORIES
- SERVICE

Technologies for your future

ORIGINAL



Tampon printing machines
 ALFALAS® Laser Systems
 Automations
 DMD® Industrial Inkjet Systems
50 Years



TSG 200/150-210/41 Special design - Precision multi-colour print on golf balls



TSG 150/60-130/31 with "DUO-S" conveyor

TTG / TSG 80/60-90/41 Compact

Our "TSG 80/60/41 Compact", pneumatic floor standing tampon printing machine, is based on our tried-and-tested standard tampon printing machines of the "TS/41" series and is equipped with the "hermetic" ink/doctoring system. The great number of flexible settings ensure a broad range of applications. We should emphasise the two-colour printing in one step, as it is equipped with a pneumatic tampon displacement.

TTG / TSG 125/60-150/41

Our "TSG 125/60/41", pneumatic floor standing tampon printing machine, is based on our tried-and-tested standard tampon printing machines of the "TS/41" series and is equipped with the "hermetic" ink/doctoring system. We should emphasise that our "TSG 125/60/41" is able to print in 5 colours in one step when it is equipped with an ink/doctoring cup with a diameter of 60 mm or 90 mm. Up to 4 colours are possible when equipped with a diameter of 130 mm, and one colour with a diameter of 150 mm. For use in partial or full automation – your products can be printed with up to 5 colours, if desired.

TTG / TSG 150/60-130/31

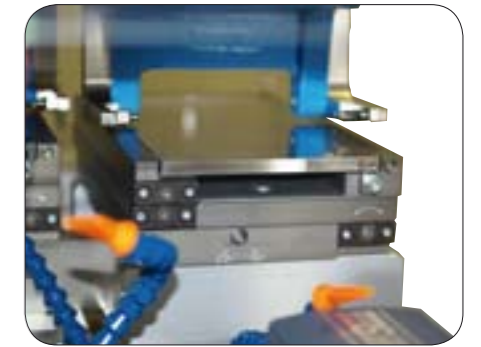
For use in partial or full automation – your products can be printed with up to 5 colours, if desired. Our "TSG 150/60/31", mechanical floor standing tampon printing machine, is based on our tried-and-tested standard tampon printing machines of the "TS/31" series and is equipped with the "hermetic" ink/doctoring system. We should emphasise that our "TSG 150/60-130/31" is able to print in 5 colours in one step when it is equipped with an ink/doctoring cup with a diameter of 60 mm or 90 mm. Up to 4 colours are possible when equipped with a diameter of 130 mm.



TSG 125/60-150/41 2-colour with tampon displacement



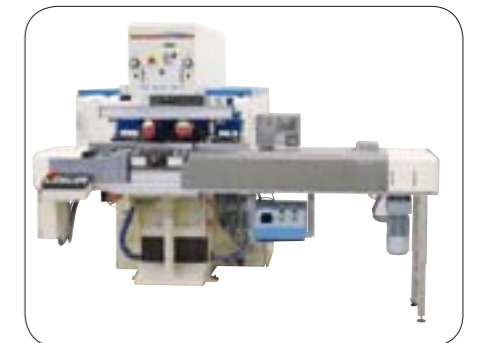
TSG 80/60-90/41 Compact with tampon displacement



Cliché adjustment XYR by means of setscrew



TSG 150/90-130/31 with "DUO-S" conveyor, special design



TSG 150/90-130/31 with "DUO-S" conveyor and hot air drying

TTG / TSG 200/150-210/41

Our "TSG 200/150/41", electro-pneumatic floor standing tampon printing machine, is based on our tried-and-tested standard tampon printing machines of the "TS/41" series and is equipped with the "hermetic" ink/doctoring system. We should emphasise that our TSG 200/150/41 is able to print in 4 colours in one step when it is equipped with an ink/doctoring cup with a diameter of 150 mm or 210 mm. For use in partial or full automation – your products can be printed with up to 4 colours, if desired.

