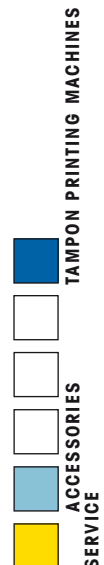


RAPID 2000

TAMPON PRINTING MACHINES



Tampon printing machine series for high speed applications

Ideal for integration into all types of automated systems

Very high running smoothness

Optionally without drive



ORIGINAL

TAMPONPRINT

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

PORTRAIT

The machine series "Rapid 2000" has been specially designed for the integration into high-speed automations. Due to the "hermetic" ink/docting system, the compact design and the very high running smoothness the "Rapid 2000 series" is the ideal alternative for highest speeds and high print quality demands. Particularly distinguishing is the high running smoothness attained by means of a purpose-built electro-mechanical cam drive. A multitude of options and equipment features makes it possible to meet almost

any requirement in the field of automations. An example is the tampon cleaning which can optionally be mounted: to the left or right, to the front, slewable upwards or externally. Top-quality X/Y/W compound cross tables for print image positioning serve for the integration into systems.



Automation example with 6 x "Rapid 2000 / 60-1"



"Rapid 2000 / 60-1" for belt drive



X/Y/W cross table "Rapid 2000 / 130"

RAPID 2000 / 60-1

The "Rapid 2000 / 60-1" has been designed as a "passive" built-in model without its own drive. Depending on the automation the unit is externally driven by toothed belts, roller chains or articulated shafts. Special constructions and custom-made designs of the linkage to the external drive are available on request.

RAPID 2000 / 60 / 90 / 130

The "Rapid 2000" series can be supplied with ink/doctoring cups of 60, 90, 130 and 140 mm diameter. The speed is infinitely variable. All machine models are equipped with programmable logic control (PLC) as well as user-friendly membrane keyboard. Linkage of the "Rapid 2000" to an automation takes place via standardized interface.



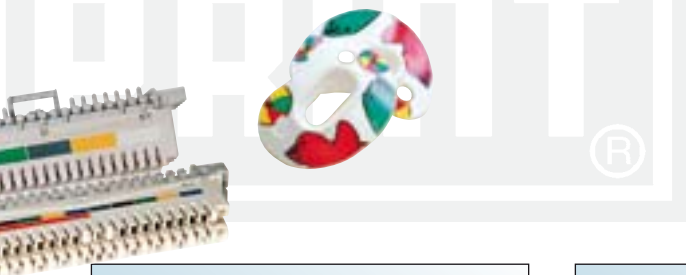
"Rapid 2000 / 60-3", bench model



"Rapid 2000 / 90", bench model



"Rapid 2000 / 130", floor standing model



Fully automatic 8-colour tampon printing system



Special tampon printing machine



Fully automatic 5-colour tampon printing system

RAPID		Rapid 2000 / 60-1	Rapid 2000 / 60-3	Rapid 2000 / 90	Rapid 2000 / 130
Parts no. Table model		01 00 09	01 00 10	01 00 13	01 00 12
Tampon cleaning		Optional	Optional	Optional	Optional
Single cycle		-	Yes	Yes	Yes
Multiple printing		-	Yes	Yes	Yes
Continuous run		-	Yes	Yes	Yes
Piece counter		-	Yes	Yes	Yes
Variable speed control		-	Yes	Yes	Yes
Cycles/hour	max.	8.000	1.500 - 6.000	1.300 - 5.400	1.700 - 4.500
Ink cup/doctoring cup	∅ mm	60	60	90	130 (Option: 140)
Variable doctoring contact pressure		No	No	No	No
Cliché size	mm	70 x 140	70 x 140	100 x 215	150 x 300
Print image diameter	max. ∅ mm	55	55	85	125 (Option: 130)
Tampon stroke onto workpiece		85	85	123	160
Tampon stroke onto cliché		-	-	-	-
Tampon installation height	max. mm	68	68	95	115
Force of pressure	N	500	500	1.500	2.000
Drive		externally driven	electro-mechanical	electro-mechanical	electro-mechanical
Connected load	kW	-	0,5	1,0	1,0
Power supply	V/phase	-	-	-	-
Control		-	PLC	PLC	PLC
Control voltage	V/DC	-	24	24	24
Pneumatic supply fine filter 5 µm	bar	-	-	-	-
Air consumption / cycle	NL	-	-	-	-
Width	mm	374	261	327 / *360	394 / *420
Depth	mm	204	550	706 / *816	940 / *1.054
Height	mm	357	595	675 / *1.540	825 / *1.696
Weight	kg	42	60	120 / *190	210 / * 280

TS (bench model)

Scope of supplies:

- Tool kit
- 1 Paper cup / 10 pcs.
- 1 Brush
- 1 Spray bottle 500 ml
- 1 Assembly table
- 1 Gripping tongs
- 1 Ink/doctoring cup
- 1 Thrust collar
- 1 Tampon coupling
- 1 Tampon, 6 Shore, Quality 3
- Foot switch
- Documentation

Option:

- TS (bench model) (Rapid 2000 / 60-3 /-90 /-130)
 - Ink/doctoring cup ∅: 140 mm (Rapid 2000 / 130)
 - Ink residue pick-up system left/right (Rapid 2000 / 60-3 /-90 /-130)
 - Ink residue pick-up system slewable upwards from the front (Rapid 2000 / 60-3 /-90 /-130)
 - Thinner metering pump
- For the parts transport we can offer:**
- Linear conveyor
 - Indexing table



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