



Aktuell & INFO rmed

Issue No. 4
Volume 2010

AUTOMATION

LINEAR MODUL 2010



TAMPON PRINTING MACHINES
AUTOMATIONS

"Linear Modul 2010" - modular arrangement possible

Free combinable: "Vario Unit", "Pad Unit", "Drive Unit", "Laser Unit"

"Vario Unit" - comfortable setting-up at rear side

Integration of a "Laser Unit" possible

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ORIGINAL



Tampon printing machines
ALFALAS® Laser Systems
Automations



Fig.: "Programming Unit" with Touchscreen Panel



Fig.: "Vario Unit" alternatively Ø 90, 130, 210 mm



Fig.: Change of the "Vario Unit" at reverse side of machine using "Service Unit" (Included in delivery)

Technical data:

Linear Modul 2010		
Capacity / h (depending on number of cup units and number of prints)	approx.	300 parts/h
"Vario Unit" alternatively	Ø mm	90, 130, 210
Number of colours max.	mm	6
Drive	servo-electric / electropneumatic	
Connected load	kW	10
Power supply	400V 3/N/PE	
Power frequency	Hz	50
Control	SPS	
Control voltage	V/DC	24
Prefuse	A	32
Pneumatic supply with fine filter 5 µm	bar	6
Air consumption / cycle for 6 colours/Farben	NL	approx. 38
Width	mm	4.060
Depth	mm	2.000
Height	mm	2.150

Options:

- Ink residue pick-up system Art.No. 25 60 48 mounted on servo axis
- Rotary unit for workpiece, Art.No. 25 59 66 freely programmable
- Y axis for workpiece, Art.No. 25 61 18 freely programmable
- "Cliché Unit 210" Art.No. 25 59 59 (Changing device for cliché/ink)
- "Laser Unit" (laser type Art.No. 25 61 20 depending on requirement)

Dealer:

Technical description:

The tampon printing machine "Linear Modul 2010" with only one jig can be configured customer-oriented in a very flexible way. An extremely fast servo axis provides for the transport of the jig from one printing station to the next and allows to configure the sequences of the print image and its positionings completely free based on the individual requirements.

So-called "Basic Unit" devices, 2-colour, 4-colour or 6-colour form the basic machine. The "Basic Unit" devices include already the "high speed" servo axis in the respective length for the workpiece transport as well as the control, the safety device and the travelling device "Programming Unit" with a touchscreen panel. The "Basic Unit" devices are supplemented by the printing units "Vario Unit" which are available in four variants. Depending on the printing image it is possible to select the suitable sizes (Ø 90, 130, 210 mm, transverse doctor blade Ø 130 mm).

The "Vario Unit" devices can be changed at any time since all necessary connections can be released and connected again without any tools (plug-and-play).

It is especially easy to carry out the change using the optionally available device "Service Unit". A further available option is a "Cliché Unit" device for the "Vario Unit" Ø 210 mm which makes the change of the cliché easy also for this size.

The devices "Pad Unit" (plunger) in two variants (pneumatic or driven with servo lift cylinder) and "Drive Unit" (movement of plunger between cliché and workpiece back and forth), available also in two variants (pneumatic or driven with servo lift cylinder), complete the "Basic Unit".



Fig.: "Cliché Unit 210" (option) - Assembling aid for changing cliché/ink



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