



25/10/2009

Lamina 1114 FA 300/500

Year: 1998

LAMINA Model 1114 Fully Automatic - For sheet-to-sheet laminating of paper and cardboard-to-cardboard, solid and corrugated.

The machine features a modular construction which combines a rigid framework with modern anodized aluminium profiles resulting in a heavy-duty, yet attractive unit that will give many years of dependable service. Set up and changeover are accomplished quickly and easily from the operator side without the use of tools. A combination of mechanical and photocell controls results in consistent registration accuracy of less than $\pm 0,5$ mm when proper materials and conditions exist.

LAMINA´s LAMINATING MACHINE TYPE 1114 FA is equipped with:

- Automatic substrate sheet feeder
- Automatic top sheet feeder
- Precision gluing unit with automatic glue application
- Laminating station with automatic front and side registration system
- Automatic down stacker
- PLC control system

AUTOMATIC SUBSTRATE SHEET FEEDER:
stack

For automatic feeding of the bottom sheet. Suction cups pick up the top sheet from the

and transfer it to the precision gluing unit. The feeder is designed to handle materials from 250 gm/m² with a thickness of 0,6 - 10 mm.

AUTOMATIC TOP SHEET cups FEEDER:

For automatic feeding of top sheets. Suction pick up the top sheet from the stack and transport it to the top sheet conveyor.

The feeder is designed to handle materials 130-450 gm/m².



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PRECISION GLUING UNIT:

The gluing units for accurate application of cold PVA glue to the upper surface of the substrates are equipped with automatic glue dispensers directly connected to the glue container. The film thickness of the glue is automatically kept under control irrespective of the sheet (board) thickness. During machine standstill the rotation speed of the rollers is reduced to a low idling speed. The precision gluing unit can be made fully accessible for easy cleaning by vertically swinging the top and bottom sheet conveyors up and out of the way.

LAMINATING STATION:

In the automatic laminating station, the top and bottom sheets are automatically controlled by the registration system. The sheets are registered automatically at the lead edge as well as at the operator side, resulting in accuracy levels less than $\pm 0,5$ mm. Photocells prevent the lamination process unless both sheets are properly positioned.

PRESS STATION:

This unit consists of an adjustable press roller system ensuring perfect lamination.

STACKER:

Table for the manual take off.

PLC CONTROL SYSTEM:

The Lamina PLC control system includes:
Touch screen monitor, continuous display of operating status, display of set up procedures for machine functions, touch screen activation of controlled machine functions and complete diagnostic screen with visual alarm.

Price: 65 000 € loaded on truck



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TECHNICAL SPECIFICATIONS:

Maximum sheet size:	Width:	1100 mm
	Length:	1400 mm
Minimum sheet size:	Width:	200 mm
	Length:	350 mm
Top sheet:	130 - 450 gm/m ²	
Bottom sheet:	from 250 gm/m ² , thickness: 0,6 - 10 mm	
Glue:	PVA type or as specified.	
Feeder height:	Bottom:	500 mm
	Top:	300 mm
Registration accuracy:	approx. ± 0,5 mm	
Operating speed:	Up to 3000 sheets/hour (material dependant)	
Total installed power:	4,0 kW, 3x 400 V, neutral, 50/60 Cycles	
Air requirements:	6 bar; 80 psi, Approximately 500 lpm Oil- and waterfree air	
Terms of payment:	10% at order, 90% before loading Payment against proforma invoice (no L/C)	
Terms of delivery:	Ex works Märsta- Stockholm, Sweden	
Delivery time:	Immediately Subject to prior sales and force majeure.	

The machine is used and sold as is. It can be seen running in Märsta-Stockholm.
At this point the machine is without any known problems or need for repair.
Arapak is the local representative for the producer Lamina.

Best regards

Raul Svard
Arapak











POWER



RUN



Reverse Run /
Up / Down

Top Conveyor
Up / Down

Start

Start

Landis Systems
No. of sheets

Nip Roller

Conveyor
New / Old

Estimate / Reset

Estimate / Reset

00027

Nip Bar

Front Stop

Bottom Sheet
Menu

Top Sheet
Menu

Reset
Buttons

Water

Singelface

Niptime
Menu

1 2 3 4 5 6 7

Glue

Safe speed

Distance
Menu

Decrease Speed Increase Speed

Master
Reset

Reverse

AUTO

STOP

START

Menu

Forward



NETZ



POWER

LIROS
**STATIC CHARGE
 PRODUCER**

RÜCKSETZUNG

FUNKEN- UND KURZSCHLUSSCHUTZ

SPARK AND SHORT-CIRCUIT
 PROTECTION

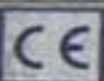


RESET

LEISTUNGSKONTROLLE

OUTPUT POWER CONTROL





TYPE: 0645-00
 TECHNICAL DESCRIPTION: CAROT
 NOMINAL OUTPUT: 230 V~ 50 Hz 30 VA
 PROTECTION CLASS: IP20
 ASSEMBLED IN: GERMANY







