

AMIGA 52 IN-LINE

THERMAL LAMINATOR

KOMFI®



TAILORED TO WORK IN-LINE
WITH DIGITAL PRINTING MACHINES

- Professional quality lamination for variety of digitally printed jobs
- Special features for in-line cooperation with digital printing machines
- Unique solution to achieve 100% result
- Ability to process any common thermal laminating film for digital output
- Bottom vacuum feeder for processing sheets in the order as printed
- Precise sheet overlap controlled by servo-unit
- Lamination speed is changed automatically according to speed of incoming sheets
- Hardware adjustable for connection with various digital printing machines
- Graphical touch screen for comfortable multi-language operation
- Smart SW functions for highly automated and very easy operation
- Continuous automatic checking of the whole lamination process to ensure 100% quality result
- Built-in help and self-diagnostics

DESIGNED AND MANUFACTURED IN THE CZECH REPUBLIC



56×80 cm



25 m/min



SUCTION
WHEEL



IR



TOUCH



DIGITAL
INPUT



115-600



3 × 400V

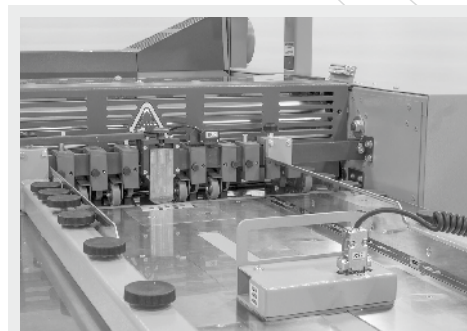


6 bar
20 l/min

MACHINE DESCRIPTION

Amiga 52 Inline laminator was specifically designed to work together with digital printing machines. Bottom vacuum feeder guarantees, that incoming sheets are processed in the order as printed. Printed sheets are carried from the printer into the laminator by adjustable conveyor.

The conveyor can be set for requested height (to fit parameters of the printing machine) and for requested sheet size. Lamination speed is changed automatically according to speed of incoming sheets.

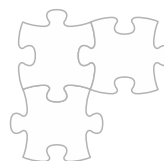


FEEDER

SOFTWARE FEATURES

- ❑ Automatic activation of laminating pressure roll
- ❑ Sheet position is stored in the system when machine was stopped and when started again, the machine starts to run from the position where it has been stopped
- ❑ Job pre-sets (job parameters) can be stored under name and activated later again
- ❑ Function "Stop at sheet overlap"
- ❑ Function "Finish job"
- ❑ Snap position is determined automatically (with possibility of change by the operator and stored in memory)
- ❑ Possibility of window lamination
- ❑ Sheet separation and wrapping detection with controlled stop of the machine after certain number of non-separated sheets and after warning announcement
- ❑ Function "Autopilot" – detection of sheet presence in feeder, machine speed change related to the amount of remaining sheets, signalization of low volume of laminating film

CONFIGURATION ON DEMAND



TECHNICAL PARAMETERS

Maximum speed of lamination:	25 m/min
Maximum sheet dimensions:	56 × 80 cm
Paper weight:	115-600 g/m ²
Thickness of laminating film:	24-50 µm
Kind of laminating film:	OPP, PET, Nylon
Time of laminating roll warm up (25±100 °C):	4 min
Sheet overlap accuracy (at constant laminating speed):	±1 mm
Machine dimensions including delivery desk (L × W × H):	283 × 100 × 147 cm
Feeding conveyor dimensions:	individual project
Air supply:	6 bar
Air consumption at stable run:	20 l/min

The technical parameters may change without prior notice.
Find more details about the product and its technical parameters on www.komfilaminators.com.