

# AMIGA 52

THERMAL LAMINATOR



- PROFESSIONAL AND FLEXIBLE  
LAMINATOR WITH A SMALL FOOTPRINT FOR JOBS UP TO B2 FORMAT.
- PROCESS SPEED UP TO 25 m/min. (AUTOMATIC FEEDING HEAD VERSION).
- RECOMMENDED FOR DIGITALLY PRINTED SHEETS.
- EASY TO SETUP SOLUTION REDUCING COSTS OF SMALL TO MEDIUM SIZE JOBS.
- SPECIAL SOFT- AND HARDWARE FUNCTIONS PROTECTING DIGITAL PRINTS  
AGAINST DAMAGE.

AMIGA - USER FRIENDLY



Bottom suction feeder



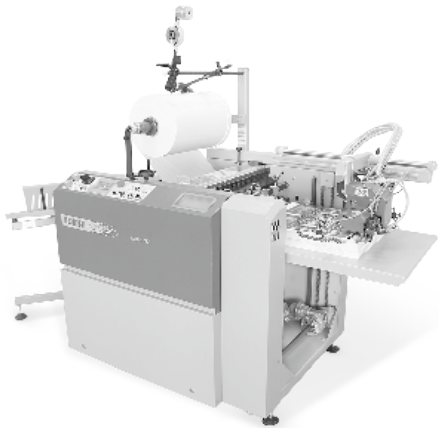
Komfi-design feeding head



Film slit (option)

## KEY FEATURES

- The Komfi **Amiga 52** model is specifically designed and tailored towards digital prints.
- Hard- and software solutions designed and manufactured by Komfi.
- Professional quality lamination even on digitally printed sheets.
- Processor controlled feeding head provides stable sheet feeding.
- Graphical touch screen for comfortable operation in 6 languages.
- Electronically controlled gate for accurate and stable sheet overlap at any production speed.
- Ability to process any common laminating film for digital output.
- Special software features not found on any other machine on the market to minimize waste-sheet.
- Custom made embossing patterns available.
- Built-in help and self-diagnostics.
- Machine designed to fit through an 100 cm wide door.\*
- High-tech features packed in a small machine footprint.



## BASIC MACHINE CONFIGURATION

- Bottom suction feeder with possibility of adding sheets during lamination.
- Fully automatic and electronically adjustable sheet overlap control.
- NBR (rubber) counter pressure roller.
- IR heated and PID controlled laminating cylinder.
- Automatic sheet separation using built-in perforator.
- Combined sheet de-curling unit (bar and roller).
- Additional directable processor controlled air blowers for safe sheet feeding.\*
- Electronically controlled snapping unit.
- Tilting unloading table.

## SELECTED OPTIONS

- Komfi feeding head.
- Film slitter.
- PTFE (teflon) coated non-stick counter pressure roller (instead of NBR roller).
- Polyurethane counter pressure roller (instead of NBR roller).
- Machine modification for embossing.
- Jogging table (instead of tilting unloading table).

## CUSTOM-BUILT SOLUTIONS

- Modification for embossing (solution with replaceable laminating cylinder) is custom-built only.
- Possibility of individual machine modification based on specific requirements.

Maximum process speed:	15 m/min; 25 m/min*
Maximum sheet dimensions:	52 × 74 cm ; 53 × 80 cm (20 × 29"; 20.5 × 31")*
Minimum sheet dimensions:	20 × 20 cm
Paper weight:	115-350 g/m <sup>2</sup> ; 115-600 g/m <sup>2</sup> *
Thickness of laminating film:	24-50 µm
Kind of laminating film:	OPP, PET, Nylon
Time of laminating roll warm up (25±100 °C):	Approx. 3.5 min
Sheet overlap accuracy (at constant laminating speed):	±1 mm
Machine dimensions including unloading table (L × W × H):	256 × 122 × 160 cm; 261 × 99 × 160 cm*

\*For Amiga 52 with optional feeding head.  
The technical parameters may change without prior notice.