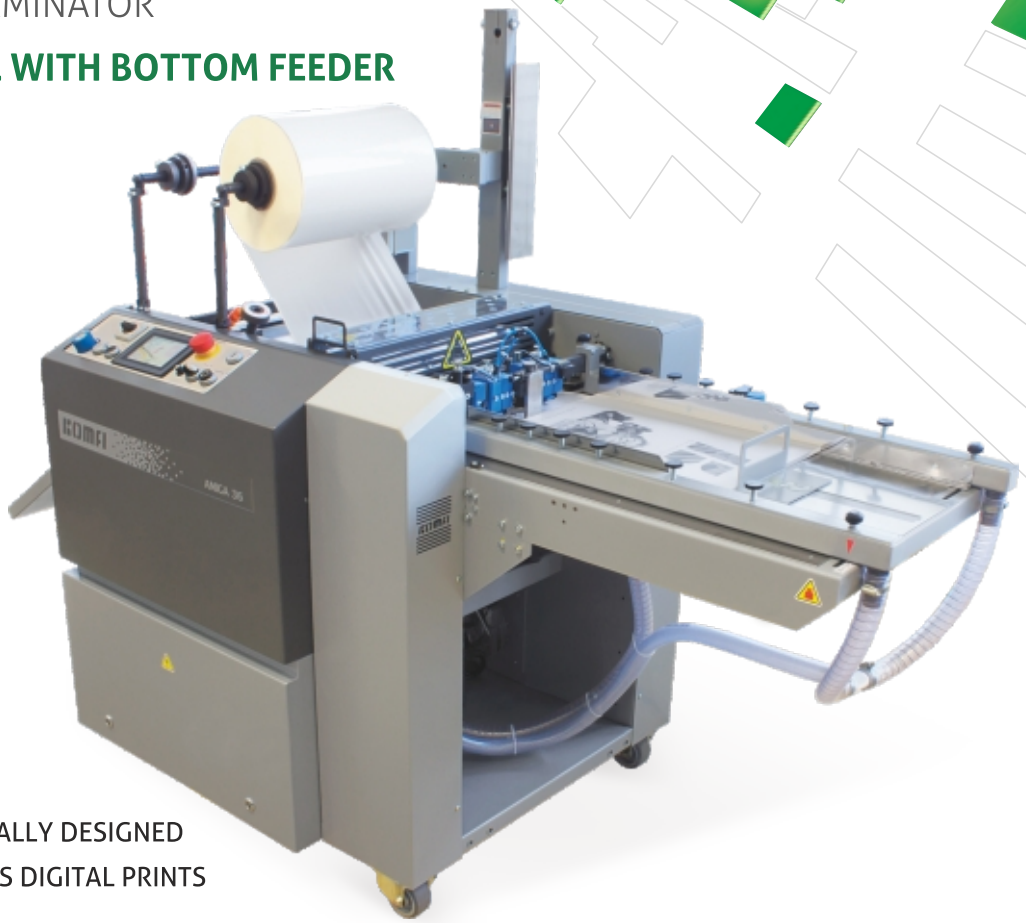
AMIGA 36B

THERMAL LAMINATOR

NEW MODEL WITH BOTTOM FEEDER



SPECIFICALLY DESIGNED
TOWARDS DIGITAL PRINTS

- Professional quality lamination for variety of small jobs up to B3 format
- Unique software features to minimise waste sheets
- Designed for unattended operation
- Built-in help and self-diagnostics
- Machine designed to fit through an 80 cm wide door

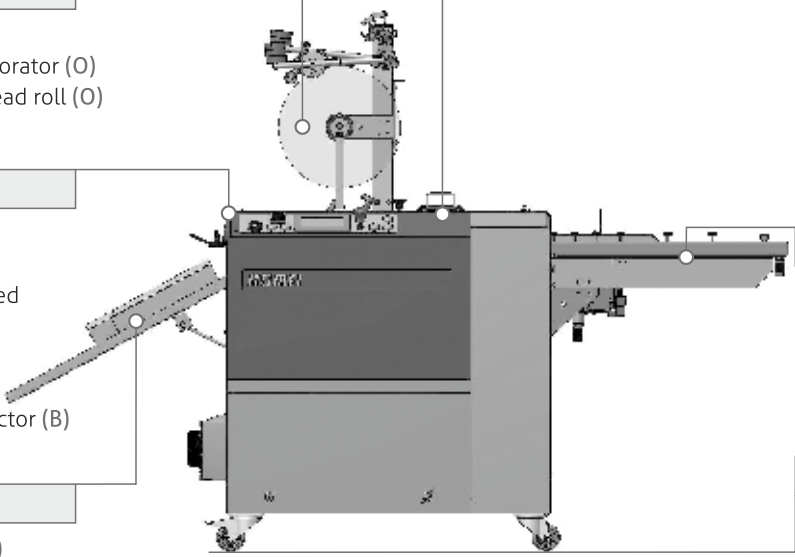
- Bottom suction feeder with possibility of adding the sheets continuously
- Electronically controled front registration of sheet for precise and stable sheet overlap at any production speed
- Graphical touch screen for comfortable multi-language operation
- Ability to proces wide range of thermal laminating film for digital output
- Continuous automatic checking of the whole lamination process (feeding, temperature, air pressure, sheet separation, etc.) to ensure 100% quality result

DESIGNED AND MANUFACTURED IN THE CZECH REPUBLIC

AMIGA - USER FRIENDLY

MACHINE CONFIGURATION SCHEME

B = basic O = option



UNWINDING UNIT

On-roll film slitter (O)
Additional on-roll perforator (O)
Height adjustable spread roll (O)

SEPARATOR

Built-in perforator (B)
De-curling roll+bar (B)
Electronically controlled snapping unit (B)
Speed adjustable separating roll (B)
Sheet separation detector (B)

UNLOADING

Fixed delivery desk (B)

LAMINATING UNIT

IR heated and PID controlled laminating cylinder (B)
Temperature drop detection (B)
Air pressure decrease detector (B)
Rubber coated pressure roll (B)
De-curling roll with possibility to add de-curling bar (B)
Teflon coated pressure roll (O)
OTF modification (O)

FEEDER

Bottom feeder + vacuum pump (B)
Automatic sheet overlap control (B)
Mis-feeding detection (B)
Auxiliary piston compressor (O)

OTHER OPTIONS

Film roll lift (O)
Spare parts kit (O)

SOFTWARE FEATURES

- Nip pressure activation is controlled automatically
- 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

TECHNICAL PARAMETERS

Maximum speed of lamination:	15 m/min
Maximum sheet dimensions:	36 × 70 cm (14 × 27.5")
Minimum sheet dimensions:	20 × 20 cm
Paper weight:	115-600 gsm
Thickness of laminating film:	24-50 µm
Kind of laminating film:	OPP, PET, Nylon
Time of laminating roll warm up (25÷100 °C):	3.5 min
Sheet overlap accuracy (at constant laminating speed):	±1 mm
Machine dimensions including delivery desk (L × W × H):	225 × 79 × 152 cm
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**.

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