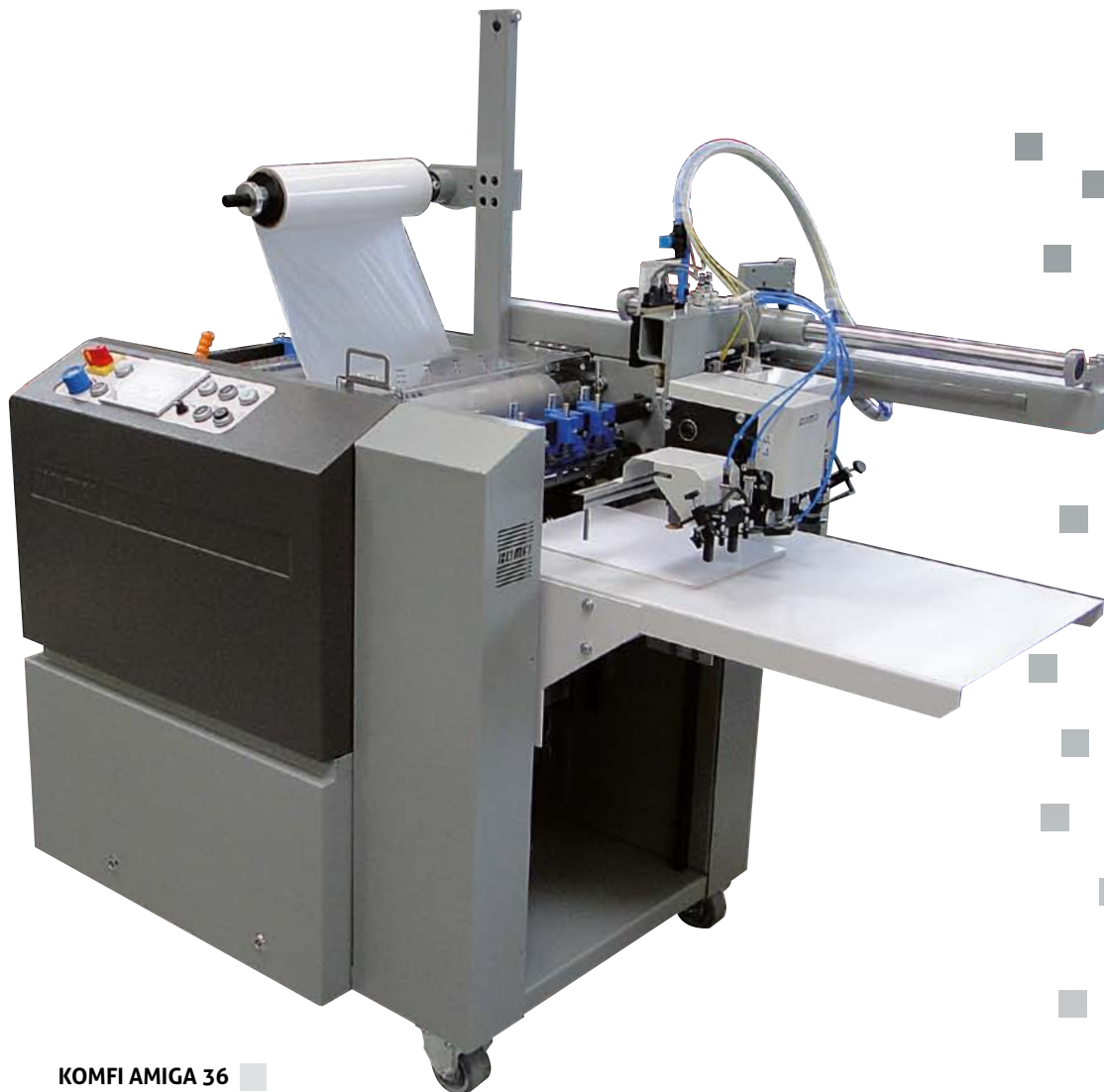


AMIGA 36

LAMINATING MACHINE

KOMFI[®]
ALL ABOUT MACHINES



KOMFI AMIGA 36

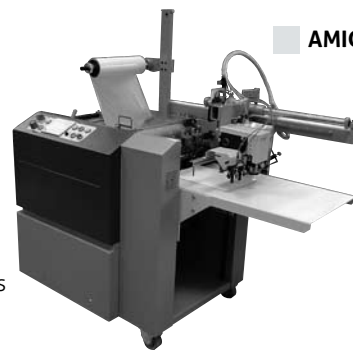
- LAMINATOR FOR PROCESSING SMALL ORDERS UP TO SHEET FORMAT B3
- TWO OPTIONS OF AUTOMATIC FEEDING
- SUITABLE FOR DIGITALLY PRINTED OUTPUT
- APPLICATION: LOW-VOLUME JOBS, OCCASIONAL ON-DEMAND JOBS
- OUTPUT: UP TO 2800 A4 SHEETS/HOUR (BOTTOM SUCTION WHEEL),
4300 A4 SHEETS/HOUR(FEEDING HEAD)
- SPECIAL FUNCTIONS TO PROTECT DIGITAL PRINTS AGAINST DAMAGE
- MACHINE FUNCTION TO FACILITATE LAMINATION OF SHEETS IN RANGE 350-600 g/m²



Bottom suction feeder



Komfi feeding head



BASIC CONFIGURATION

- Bottom suction feeder with possibility of adding the sheets continuously (incl. vacuum pump)
- Automatic sheet overlap control
- Laminating cylinder heated by IR heater
- NBR rubber pressure roller
- Automatic sheet separation using built-in perforator
- Combined decurling unit (bar and roller)
- Electronically controlled snapping unit
- Fixed unloading table

Options

- Single action Komfi feeding head with low noise due to the unique solution without vacuum pump
- Film slitter
- Additional perforator (on film reel)
- Pressure roller with a special non-stick surface finishing
- Preventive Maintenance Spare parts Kit

TECHNICAL DESCRIPTION

Feeding section

- Two feeding options available – bottom suction feeder or Komfi feeding head
- Bottom suction feeder enables continuous adding of sheets during machine run
- Komfi feeding head → trouble-free sheet feeding up to speed of 20 m/min.
- System of guiding plates strengthens thin paper before lamination → prevents from wrinkling
- Sheet misfeed sensor → protects against film sticking to the pressure roll

Lamination section

- The side adjustable film unwinding shaft with a mechanical brake; a spread roll prevents folds on the film
- The side adjustable unwinding film shaft uses mechanical brake
- The laminating cylinder heated by IR heater
- Advanced PID regulation of laminating temperature
- Sheet overlap electronically adjustable during machine run → easy to operate and precise solution
- Key operation parameters entered via a touch screen → fast and comfortable
- Pneumatic pressure system

Snapping and stacking section

- Built-in both roller and bar for perfect sheets decurling without surface scratching
- Separation of sheets done by snapping roll with adjustable speed of rotation, built-in perforator and skewing wheel → reliable and accurate solution
- Built-in film perforator is located behind the pull roll

| | |
|--|---------------------------------------|
| Max. speed of lamination: | 10 m/min; *20 m/min |
| Min. sheet dimensions: | 20 x 20 cm |
| Max. sheet dimensions: | 36 x 52; *36 x 70 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): | 3,5 min |
| Sheet overlap accuracy (at constant laminating speed): | ±1 mm |
| Machine dimensions incl. unloading table (L x W x H): | 185 x 89 x 150 cm; *190 x 89 x 150 cm |

Parameters for basic configuration only! *Top feeder variant (if different) The technical parameters may change without prior notice. Find more details about the product and its technical parameters on www.komfi.cz.

Custom-built solution:

- Possibility of individual machine modification based on specific requirements

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