

*Finished with passion*

## TYPICAL CUSTOMER / APPLICATIONS

- Small to medium sized printing houses focused mostly on digitally printed jobs.
- The high degree of automation and control of the lamination process makes it suitable for operations with established low service levels.
- The most common applications include brochures, business cards, folding boxes with windows, book soft covers and other promotional prints.

## KEY FEATURES

- High level of reliability and protection of production quality through the use of advanced built-in features.
- Superior range of machine use thanks to a comprehensive range of accessories.
- Small footprint in terms of compactness and mobility, while maintaining good access for machine operation and maintenance.

## EXTRAS

- Ability to process sheets of non-standard thickness.
- Customized basic machine configuration provides window lamination capability.

## WHY AMIGA 36 BY KOMFI?

- The control system and advanced sensors continuously monitor key technological parameters and the lamination process itself, protecting the machine and production from damage, while minimizing the demands on the machine operator (e. g. Autopilot, sheet separation detection).
- The high precision of the sheet registration control system enables safe machine stop without damaging the sheet and trouble-free machine operation resume (pause function).
- Comfortable automated machine control with minimized operator requirements (machine start in automatic sequence, de-curling unit position detection, auto-parking of the feeding head).

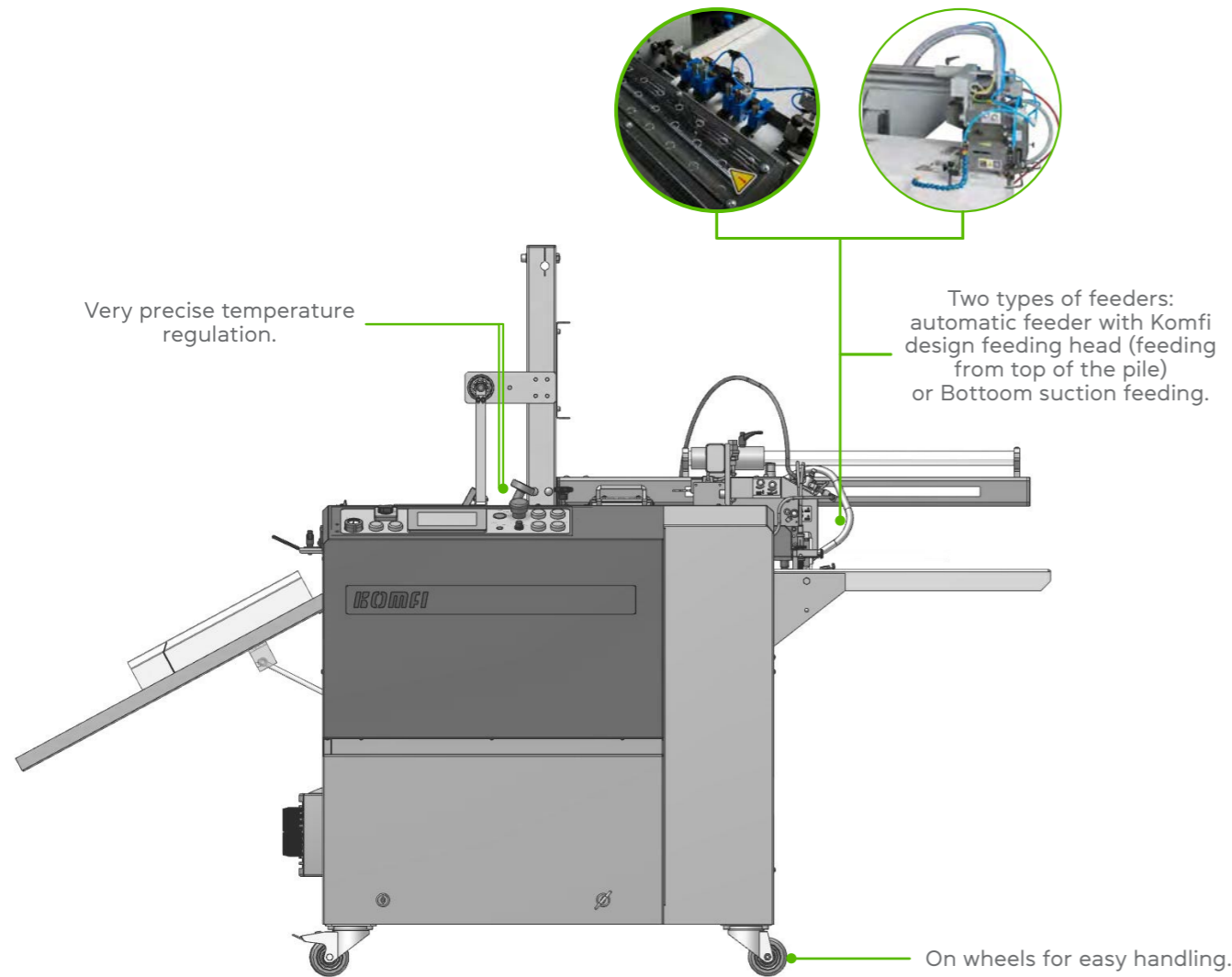
# AMIGA 36

## LAMINATOR



## DESCRIPTION

- Available with two different types of feeders – feeding head (feeding from top of the pile) and bottom suction feeding (feeding from bottom of the pile - keeps the order of sheets unchanged).
- Control system with advanced built-in functions, colour touch screen display, complete with a set of buttons according to relevant standards.



### SW functions included:

- Stop on the sheet overlap to avoid waste sheets.
- Zero overlap option for thick sheets processing.
- Automatic detection of pressure and temperature secures production quality.
- Job preset parameters.
- Built-in internet connection for service support.
- Automatic sheet separation detection to protect sheets and machine from paper jams.
- Intuitive user interface with built-in diagnostics and troubleshooting.

## BASIC CONFIGURATION

### Feeder

- Komfi single action feeding head for reliable sheet feeding.
- Adjustable guide plates for thin sheets processing.
- Sheet overlap sensor to protect the pressure roller from the laminate adhesive sticking.
- Air compressor to ensure sufficient supply of compressed air and vacuum for sheet feeding and delivery.

### Laminating unit

- Side-adjustable unwinding shaft with adjustable brake force.
- Height-adjustable and removable spread roller perfectly removes wrinkles from laminate.
- IR heating for laminating cylinder. Temperature sensor inside the cylinder for precise regulation.
- Rubber coated pressure roller.
- Adjustable distance stoppers for lamination unit to enable processing thick substrates and windows lamination.
- The powerful pneumatic pressure system guarantees even nip pressure and perfect lamination results.

### Separator & delivery

- Decurling unit consisting of bar- and roller element to reach flat result also for difficult thin or duplex sheets.
- Built-in film perforator to enable sheet separation.
- Cam-driven separation roller with adjustable tearing action, delivery roller and sheet skewing wheel.
- Fixed delivery desk with adjustable air nozzles.

## OPTIONS

- Bottom suction feeder for low volume jobs processing which enables to add sheets continuously.
- Air shaft for quick and easy film roll changeover.
- Teflon pressure roller with non-sticking surface to reduce film or duplex print marking.
- Film slitter to cut film roll to the required width.
- Additional On roll perforator.
- Effect foiling device with possibility to apply PSA film too.
- 1" unwinding shaft for effect films.
- Air ionizer for smooth sheets unloading without static charge.
- Jogging table.
- Roll lift for comfortable handling of laminating film rolls.

### Technical specifications

**Max. production speed:** 20 m/min

**Max. sheet size:** 360 x 700 mm

**Min. sheet size:** 200 x 200 mm

**Paper weight:** 115-350 gsm

**Max. paper pile height:** 40 cm

**Laminating roller heating:** One-zone IR heater

**Heat-up time:** 3-5 minutes

**Overlap accuracy:** ± 0.8 mm

**Dimensions (incl. delivery desk):** 2.20 x 0.79 m