Finished with passion

TYPICAL CUSTOMER / APPLICATIONS

- Small B1 offset printers with occasional lamination jobs and B2 digital printers running landscape.
- All kinds of jobs in production (book covers with flaps, folding cartons, small packaging, window lamination, brochures, leaflets) up to B1 format. Special digital works (signage).

KEY FEATURES

- Compact design in B1 format.
- Very easy operation and enough space for maintenance.
- Multizone IR heater can reliably proceed various jobs with reliable temperature control.
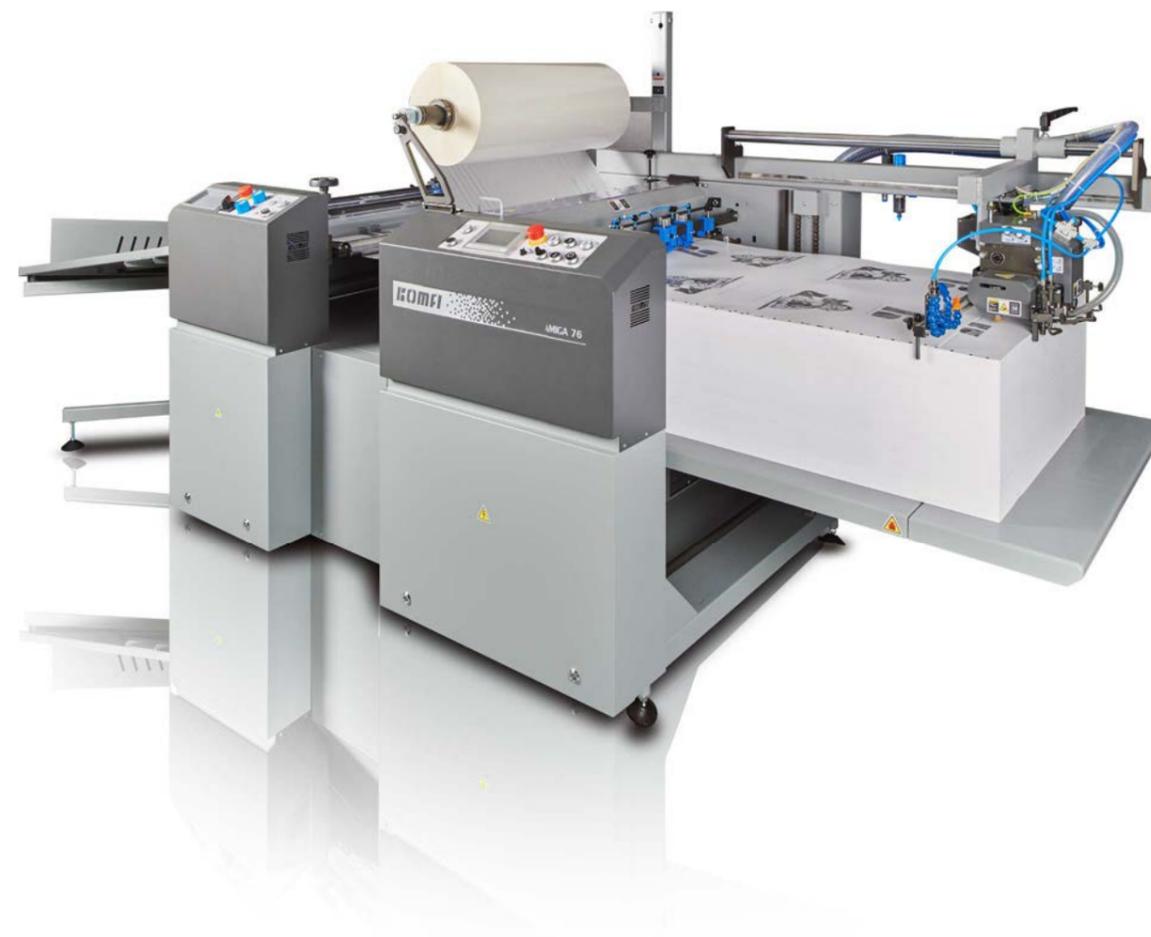- Low power consumption in B1 format.

WHY AMIGA 76 BY KOMFI?

- The control system and advanced sensors constantly monitor key technological parameters as well as the lamination process itself and thus protect the machine and production from damage, which at the same time minimizes the demands on machine operation (e.g. autopilot, sheet separation detection).
- Covers most common applications (offset and digital).
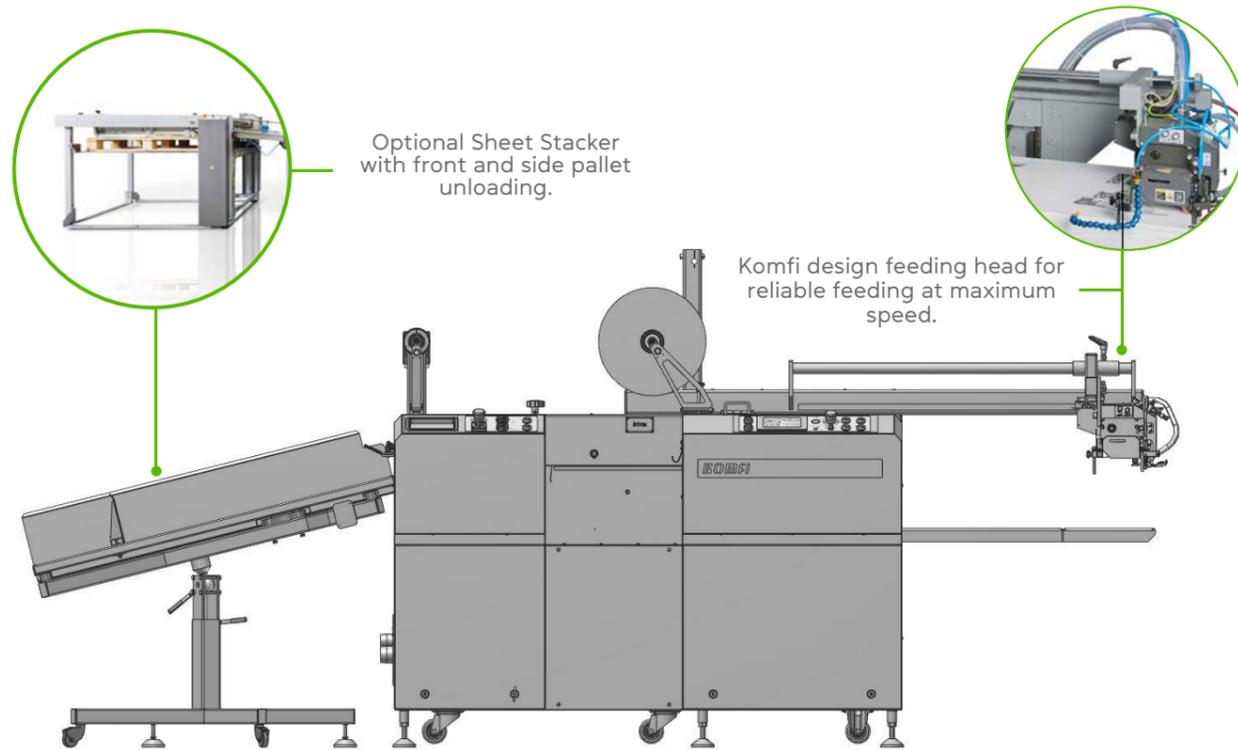- High resell value.

AMIGA 76
LAMINATOR

KOMFI®
ALL ABOUT MACHINES

DESCRIPTION

- The Amiga 76 is based on the well-known and proven concept of the Amiga series laminators.
- Side opening allows comfortable access for service and maintenance.
- Very flexible and affordable solution for low volume or seasonal jobs in B1 sheet size.

Optional Sheet Stacker with front and side pallet unloading.

Komfi design feeding head for reliable feeding at maximum speed.

SW functions included:

- Control system with advanced built-in functions, colour touch screen and a set of buttons according to the relevant standards.
- Stop on the sheet overlap – reduces the number of waste sheets.
- Zero overlap – enables processing of substrates with a higher thickness.
- Automatic pressure & temperature check – prevents from poor quality processing.
- End of job function for easy rewind of film.
- Choice of measuring units (imperial/metric).
- Instructions on display.
- Sensor for sheet separation detection prevents paper jams at delivery.
- Job settings saving.
- Built-in internet connectivity – for remote
- Komfi support, on-line diagnostics and SW updates.

Technical specifications

Max. production speed: 25 m/min (4687 B1 sheets/h)
Max. sheet size: 760 x 1120 mm
Min. sheet size: 200 x 200 mm
Paper weight: 115-600 gsm
Max. paper pile height: 50 cm
Laminating roller heating: Multi-zone IR heater
Heat-up time: 3.5 minutes
Overlap accuracy: ± 0.8 mm
Dimensions (incl. delivery desk): 3.7 x 1.3 m

BASIC CONFIGURATION

Feeder

- Single-action feeding head with a system of separation air jets and mechanical separators.
- Adjustable guiding plates for reliable feeding of thin as well as thick paper.
- Overlap sensor to protect the pressure roller from sticking the film in case of a gap between sheets.
- Adjustable distance stops of the laminating unit enable processing of thicker substrates and windows lamination.
- Adjustable brake for tensioning the film on the spreading roller.
- The height-adjustable spread roller perfectly smooths and stretches the foil before applying it to the printed material.

Laminating unit

- IR heating of the laminating rollers in cooperation with the temperature sensor located in the wall of the roller enables precise temperature regulation.
- The laminating unit is equipped with a rubber pressure roller.
- The powerful pneumatic pressure system guarantees even pressure and perfect results during lamination.
- Straightening bar makes the laminated sheet perfectly flat after lamination.

Separator & delivery

- Built-in film perforator makes sheet separation smooth and less noisy.
- A cam-driven tearing roller with an adjustable tearing effect is complemented by a skew wheel and together they ensure a clean distribution of the laminating film.
- Fixed delivery desk.

OPTIONS

- Sheet preheater - to increase adhesion and durability.
- Polyurethan coated pressure roll for longer life time.
- Teflon coated rubber pressure roll – non-stick surface prevents double-sided printing or foil sticking to the surface of the roller.
- Significantly reduced need for cleaning.
- Airshaft.
- Film roll slitter - cuts the film to the required width.
- Additional on-roll perforator.
- Automatic skew wheel with activation in exact moment determined by operator makes long sheet separation reliable and perfect.

- Antistatic bar (above the snapping roll) - removes static charge from the separator and thus prevents thin sheets from winding up on the rollers.
- Air-ionizer (behind the snapping roll) - helps smooth unloading of sheets on the unloading table without static charge.
- Jogging table B1.
- Automatic sheet stacker.
- Integrated or External foiling module (Over-Toner Foiling).
- PSA separation bar – for reliable removing PSA foil liner.
- Film roll lift for handy replacement of film rolls.