

Finished with passion

TYPICAL CUSTOMER / APPLICATIONS

- Suited for 24/7 production sites
- For enhancement, protection, increased functionality of printed products, as well as raised productivity.
- Photobook manufacturers, Greeting cards producers, Calendars, Folding boxes manufacturers,
- Packaging, Commercial printing, Personalized digitally printed products.

KEY FEATURES

- Works with AQ and UV Coatings, including primer.
- Flexible processing of small up to high volume jobs.
- Landscape processing of B2 sheets and system of pallet-to-pallet operation makes this machine well suited for variety of jobs.
- High quality components.

EXTRAS

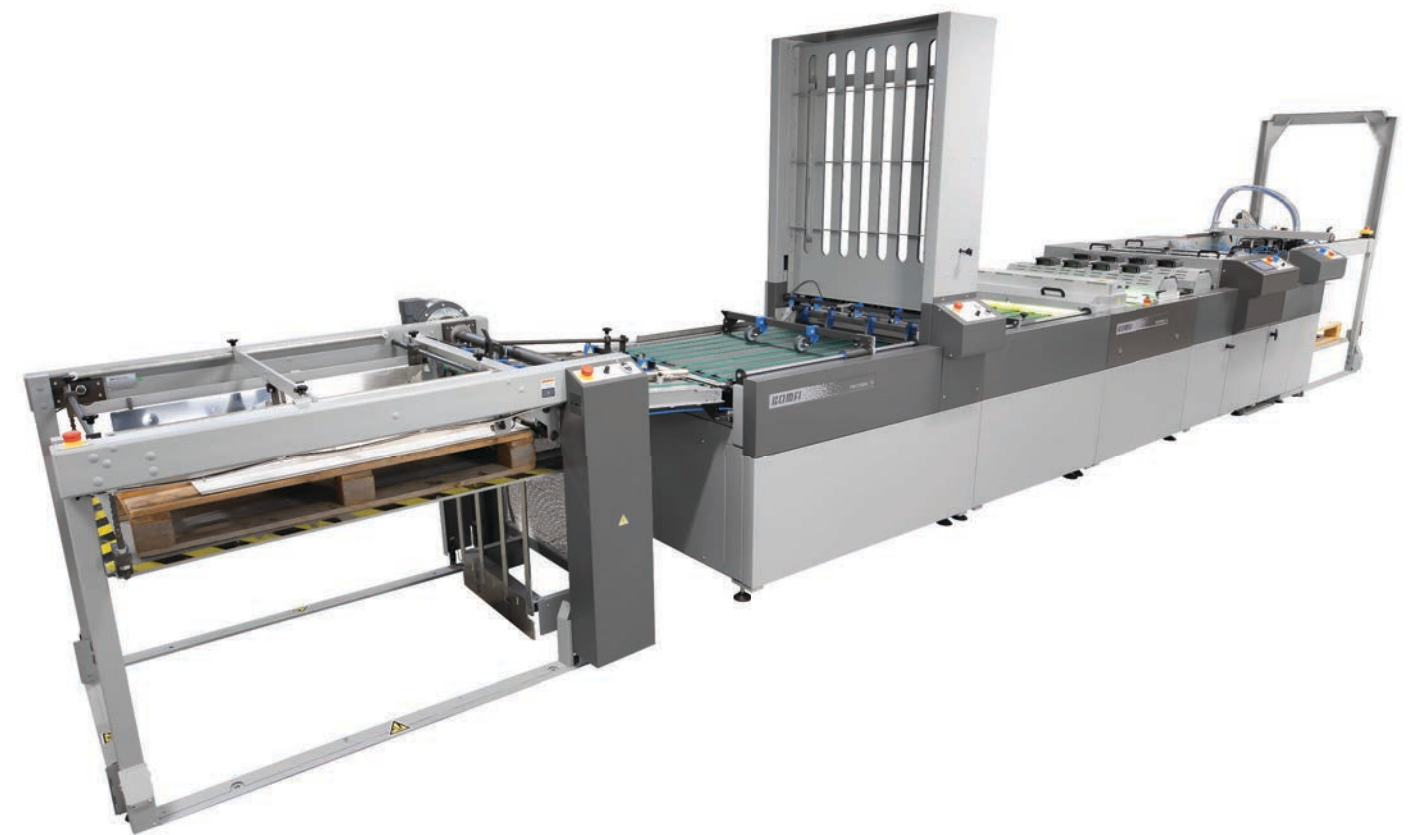
- Unique sheet monitoring system for comfortable and safe operation.
- Double action feeding head guarantees reliable sheet feeding and easy processing of difficult jobs.

WHY PROTENHA 76 BY KOMFI?

- Easy to handle by one person and short make ready time.
- Very well accessible for cleaning and maintenance.
- Quick return on investment and high resale value.

PROTENHA 76

COATING MACHINE



DESCRIPTION

- Robust and powerful machine suitable for coating and priming in continuous operation with a standard volume of millions of sheets per year.
- Designed for high volume production in B1 size: double action feeding head, pallet-to-pallet operation and elements for quick adjustment of the machine to a new job.
- For AQ- and UV-Coatings including Primer.

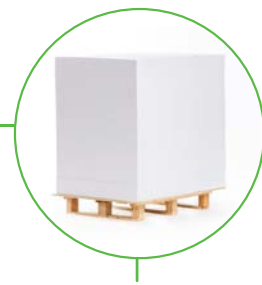
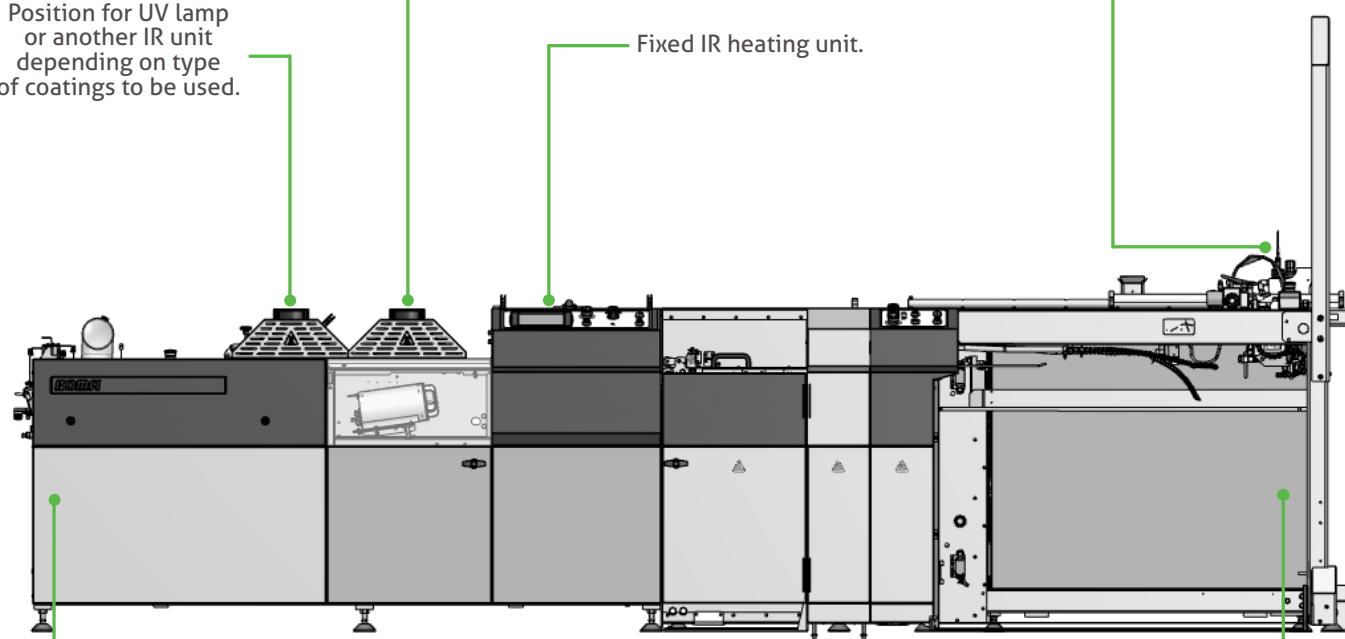
Komfi double action feeding head for extremely reliable feeding even at high speed and thin substrates.



Optional movable IR unit to increase curing and processing speed.

Position for UV lamp or another IR unit depending on type of coatings to be used.

Fixed IR heating unit.



Capable of pallet-to-pallet operation.

BASIC CONFIGURATION

- Komfi double action feeding head for reliable high-speed sheets loading.
- Feeder enables to load pallet with paper stack.
- Double sheet detection sensor to prevent paper jams.
- Coating unit with 3-rollers application system.
- Air knife for reliable thin sheets run through the machine.
- Peristaltic pump for ink supply.
- IR heating unit including Hot Air fans helps for better flow of the UV varnish before curing to reach uniform coating layer, or to dry the coated layer when using the AQ varnish.
- Second curing unit according to type of varnish used: IR unit for purely water-based ink processing or UV lamp for both available applications (AQ+UV).
- Fully automated high pile pallet stacker.

OPTIONS

- Sheet preheater for good connection of ink and coating.
- Corona unit to increase coating flow and adhesion.
- Sheet flipping unit to enable double-sided processing.
- Air ionizer for smooth sheet unloading and stacking.
- Extra IR unit to increase curing when running high speed. This unit is placed between first IR unit and second curing unit (AQ or UV).

Technical specifications

Max. production speed: 50 m/min

Max. sheet size: 760 x 1120 mm

Min. sheet size: 300 x 297 mm

Paper weight: 115-600 gsm

Max. paper pile height: 83 cm (incl. pallet)

Type of coatings: UV, AQ, primer

Dimensions (incl. delivery desk): 5.8 x 1.56 m

SW functions included:

- Sheet monitoring to protect sheets from damage.
- Built-in internet connectivity for service support.

