

# Finished with passion

## TYPICAL CUSTOMER / APPLICATIONS

- B1 offset printers.
- Commercial printing and packaging industry.
- Wide range of applications: hard covers (135 grams sheet), soft cover brochures, packaging material for boxes, wing folders, luxury paper bags.
- Processing millions of sheets per year.
- Price effective for both short or long runs.

## KEY FEATURES

- High productivity and time-saving work
- Capable of pallet-to-pallet operation with easy pallet positioning into the feeder with help of laser marker.
- Double action feeding head means no difficulties at high speed. Sagitta runs reliably up to maximum speed of 60 m/min.
- The machine provides all important elements for time-saving work, especially for those who change settings to various jobs very often: easy cleaning and maintenance, handling, extremely quick adjustment for a new job.

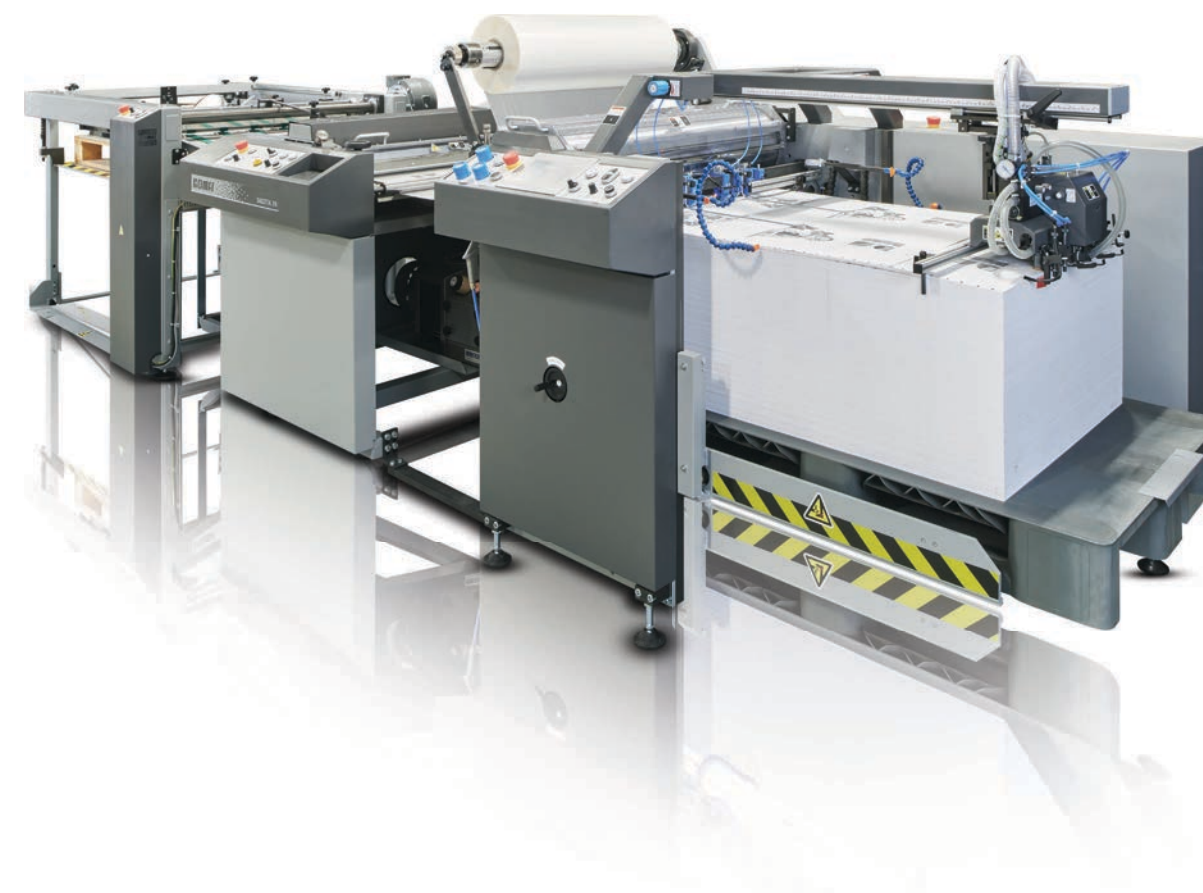
## EXTRAS

- Reliable thin paper processing of sheets less than 160 grams.
- Stability of sheet overlap (low tolerance) for jobs where printed area is close to the edge of paper which brings savings of material and is important for hard covers production.
- Trouble-free two-sided lamination due to reliable feeding and sheet registration which is easy to adjust to prevent misfeeding or double sheets when laminating second pass.
- Zero overlap for processing thick sheets and cardboard.
- Hot knife option offers clean separation without flagging.
- Minimal waste even on small and digital jobs.

## WHY SAGITTA 76 BY KOMFI?

- Small footprint of the machine in comparison with other equipment of comparable output.
- Low energy consumption comparing to liquid heating – zone heating saves energy when processing small sheet format or small jobs.
- Quick return on investment and high resale value.

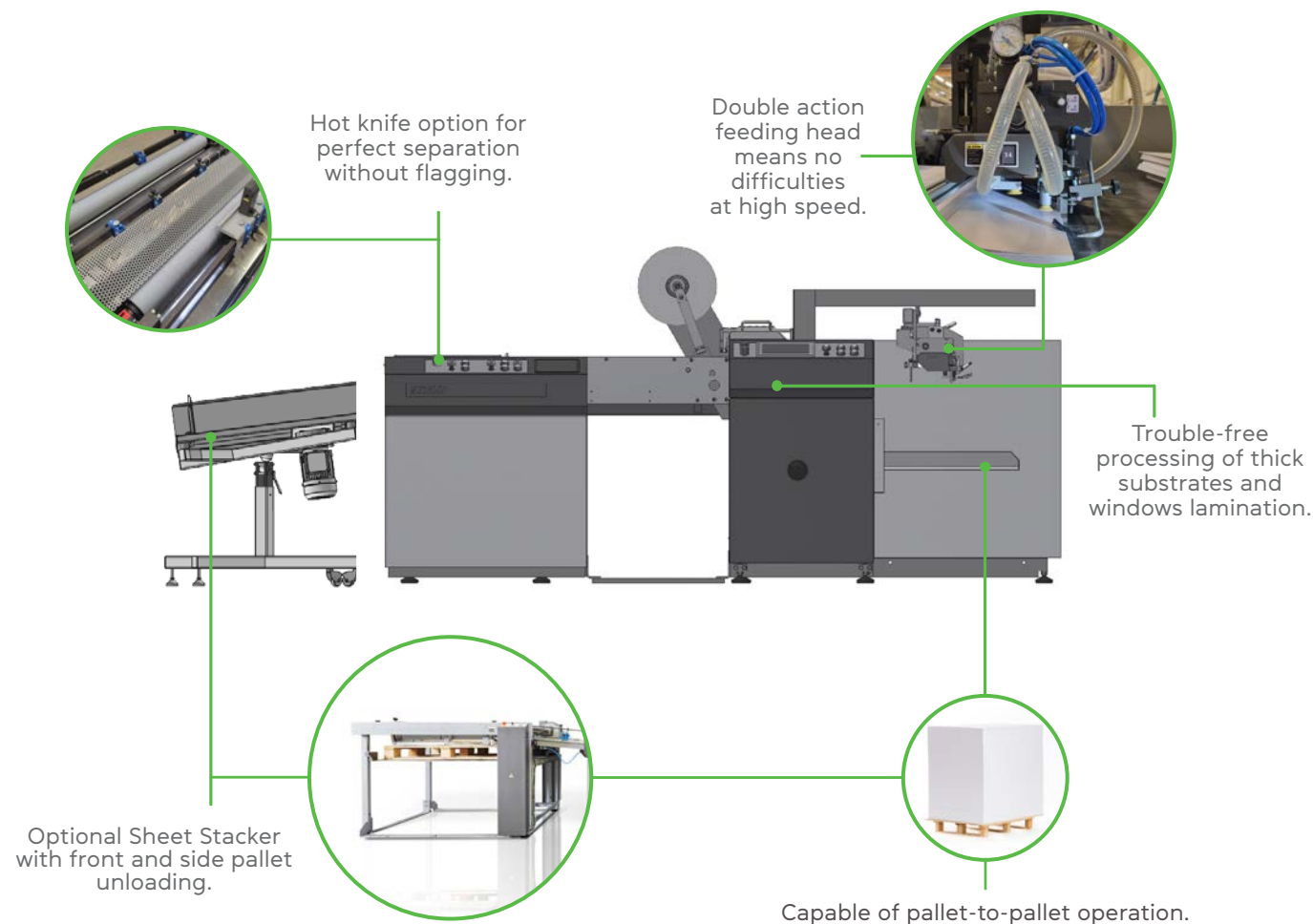
## SAGITTA 76 LAMINATOR



V05/24

## DESCRIPTION

- Robust and powerful machine suitable for lamination in continuous operation with a standard volume of millions of sheets per year.
- Designed for time-efficient work: feeding sheets from a pallet including easy placement of the pallet into the machine using laser pointers, elements for quick adjustment of the machine to a new job, air shaft, pneumatic snapping unit or hot knife for reliable separation of a wide range of foils.
- Also digitally printed job can be easily and conveniently processed on the machine.
- Well suited and highly applicable for both commercial printing and the packaging industry.
- Energy saving zone heating system with fastest heat up time.



### SW functions included:

- Stop on the sheet overlap to avoid waste sheets.
- Zero overlap possibility for processing thick substrates.
- Automatic pressure and temperature detection to prevent irregularity in lamination quality.
- End of job function for easy rewind of film.
- Sensor for sheet separation detection and jam detection.
- Job settings memory
- Built-in internet connectivity for service support.

## BASIC CONFIGURATION

### Feeder

- Komfi double action feeding head for reliable feeding even at high speed and small format.
- Front lay register for precise and constant sheet overlap.
- Compressor for feeder.
- Sheet overlap sensor for protection of pressure roller from film sticking in case of a miss-feed.
- Adjustable separation blowers for reliable separation of sheets from the pile and trouble-free loading of long sheets.

### Laminating unit

- Powerful pneumatic pressure system to ensure excellent laminating result.
- Adjustable device with distance stoppers to enable processing thick substrates and windows lamination.
- Air shaft for 3" reel core laminating film.
- Adjustable spread roller for perfect smoothing of difficult film before lamination roller.
- Zone heating of the laminating roller saves energy when laminating small formats.
- Temperature sensor inside the cylinder for extremely precise regulation
- PUR pressure roller for longer roller life.

### Separator & delivery

- Rotary separation knives for reliable film separation at high speed.
- Built-in perforator to support trouble-free sheets separation, or to be used for special jobs where knife is not applicable.
- Pneumatic driven separation roller.
- Automatic (pneumatic) skew wheel increases reliability of separation when processing wide range of jobs. Good to use for long sheets.
- Adjustable speed of snapping roller for perfect separation of difficult jobs.
- Jogging table.

## OPTIONS

- Film splitter to cut film to the requested width
- Additional On roll perforator
- Effect foiling device (OTF)
- Universal pallet positioning kit enables to load variety of different pallets into the machine.
- Hot knife option for perfect separation of thick, PET and Nylon films that eliminates flagging.
- Antistatic bar removes static charge from the separator to avoid thin sheets wrapping onto the rollers.
- Windows lamination kit.
- Set of chilling rollers placed between laminating unit and separator to reach high quality embossing or windows lamination.
- Sheet stacker (pallet stacking).

### Technical specifications

**Max. production speed:** 60 m/min  
(50 m/min with hot knife)

**Max. sheet size:** 760 x 1120 mm

**Min. sheet size:** 300 x 220 mm

**Paper weight:** 115-600 gsm

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

**Laminating roller heating:** Zone electro-resistance heating

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

**Overlap accuracy:** ± 0.8 mm

**Dimensions** (incl. delivery desk): 4.25 x 1.55 m