

*Finished with passion*

## TYPICAL CUSTOMER / APPLICATIONS

- Printing houses who start with lamination in-house.
- Small to medium sized jobs printed digitally or offset up to B2 sheet size.

## KEY FEATURES

- Easy to operate and fast job change over.
- 230 V connection, no external air supply needed

## EXTRAS

- Fast and easy upgrade from manual to automatic feeding version. The top suction belt feeder can be replaced on site.

## WHY JUNIOR 52 BY KOMFI?

- Compact solution with small footprint and built-in air supply.
- Very stable temperature guarantees high quality results which is important also when using foiling option (OTF).



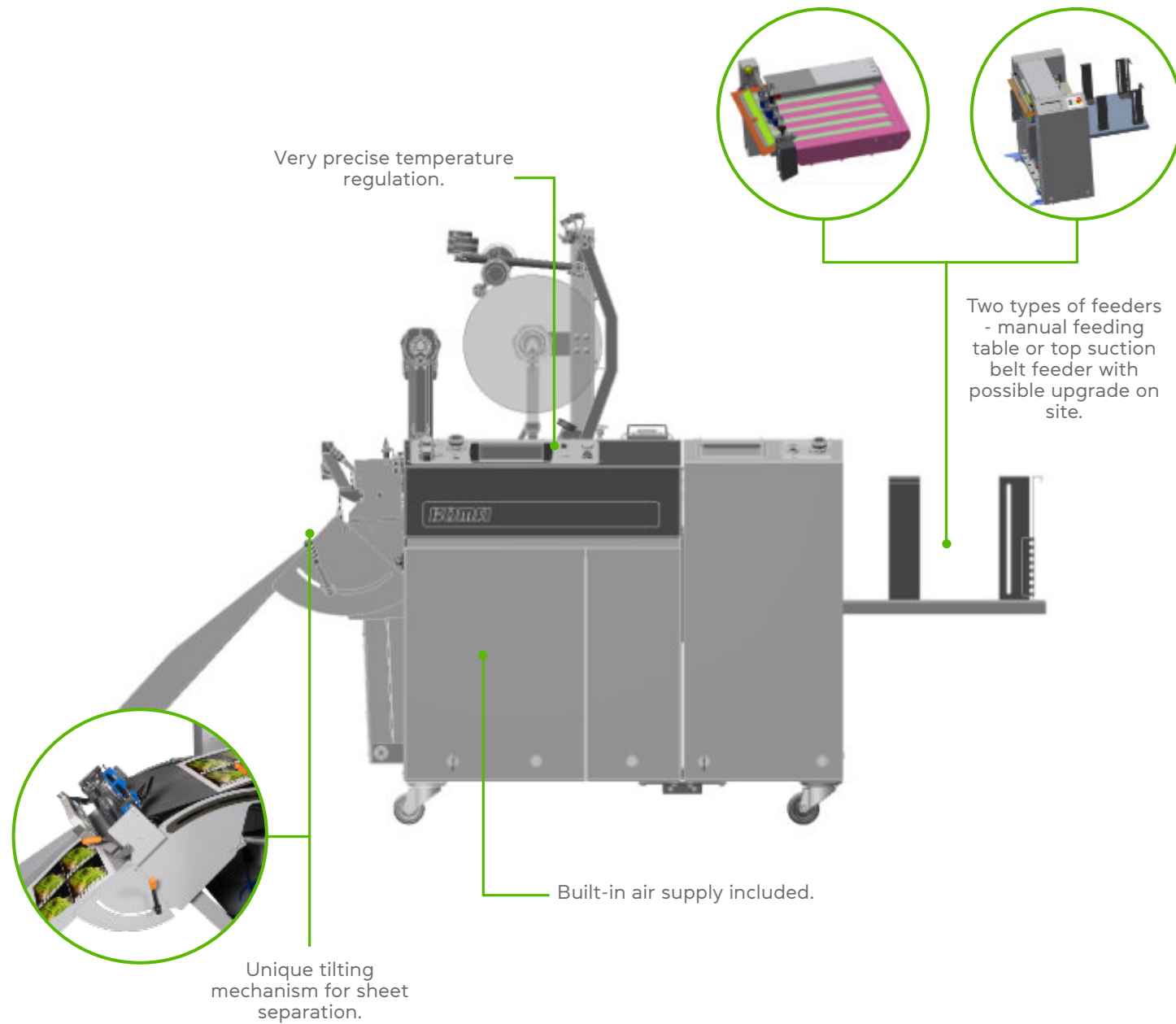
# JUNIOR 52

## LAMINATOR



## DESCRIPTION

- Start with lamination was never easier. Two types of feeders enable easy upgrade from manual to automatic feeding while the upgrade is possible on site.
- Brilliantly simple and compact solution for offset as well as digitally printed jobs up to B2 format.



### Technical specifications

- Max. production speed:** 15 m/min
- Max. sheet size:** 520 x 800 mm (up to 1016 mm)
- Min. sheet size:** 200 x 250 mm
- Paper weight:** 115-350 gsm
- Max. paper pile height:** 26 cm
- Laminating roller heating:** One-zone IR heating
- Heat-up time:** 3.5 minutes
- Overlap accuracy:** ± 1 mm
- Dimensions (incl. delivery desk):** 2.52 x 0.93 m

### SW functions included:

- Zero overlap option for thick sheets processing.
- Choice of measuring units.
- Intuitive user interface with built-in diagnostics and troubleshooting.

## BASIC CONFIGURATION

### Feeder

- Feeding table for manual sheet loading.
- Built-in air supply (no external connection needed).
- Adjustable guide plates for thin sheets processing.
- Automatic sheet overlap control
- Sheet overlap sensor to protect the pressure roller from the laminate adhesive sticking.

### 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

- De-curling unit consisting of bar- and roller element to reach flat result also for difficult thin or duplex sheets.
- Built-in film perforator and skewing wheel to enable sheet separation.
- Snapping unit with fixed snapping speed and unique tilting mechanism to define snapping moment.
- Fixed delivery desk.

## OPTIONS

- Additional guiding bar for comfortable manual feeding.
- Additional desk for easy loading of long sheets.
- Top suction belt feeder for pile stack feeding with possible upgrade on site.
- Teflon pressure roller with non-sticking surface to reduce film or duplex print marking.
- Airshaft
- Film splitter 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.
- Automatic skewing wheel for reliable separation of difficult films.
- External OTF module (foiling unit).
- Roll lift for comfortable handling of laminating film rolls.