

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 19.7" × 27.8" (B2 Format)

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).



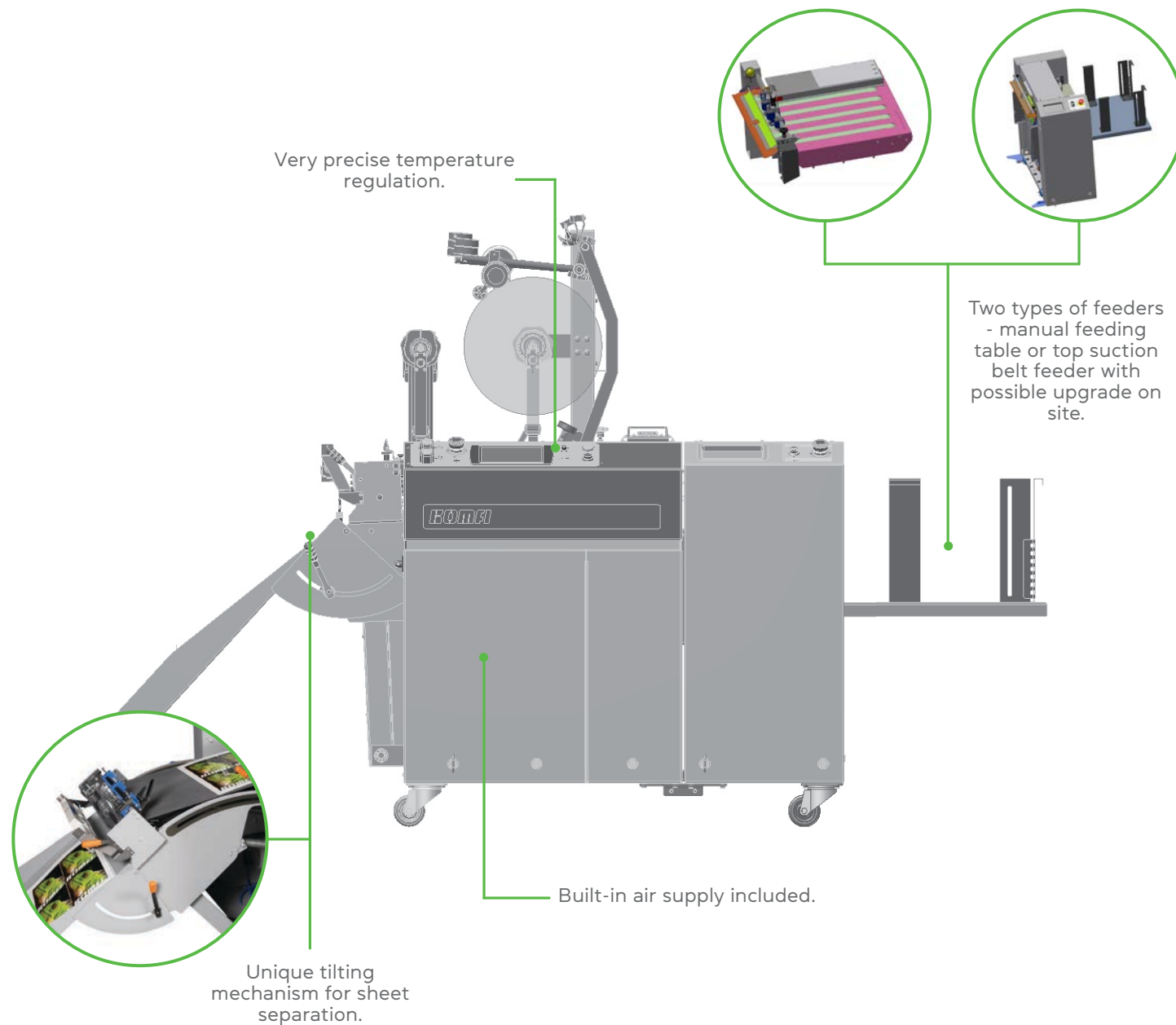
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LAMINATOR



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: 49.21' /min (15 m/min)
Max. sheet size: 20.47" x 31.50" (520 x 800 mm)
Min. sheet size: 7.87" x 9.84" (200 x 250 mm)
Paper weight: 77.7-236.49 lbs (115-350 gsm)
Max. paper pile height: 10.24"
Laminating roller heating: One-zone IR heating
Heat-up time: 5.5 minutes
Overlap accuracy: $\pm 0.039"$
Dimensions (incl. delivery desk): 99.21" x 36.61"

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 slit 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.