

## Komfi Amiga 52

The *Amiga 52* is a flexible laminating machine, capable of processing small as well as middle-volume jobs up to B2 sheet format.

- Top suction automatic sheet feeder
- Automatic sheet overlap control
- Laminating cylinder heated by infrared heater
- Rubber pressure roll
- Automatic sheet separation using built-in perforator
- Tilting unloading table
- Electronically controlled snapping unit



### Features & Benefits

#### Feeding section

- System of guiding plates strengthens thin paper before lamination - helps against wrinkling.
- Sheet mis-feed sensor - protects against film sticking to the pressure roll.

#### Laminating section

- Smooth film unwinding using mechanical brake; a distribution roll prevents folds on the film.
- The laminating cylinder is fast dry-heated (IR heater).
- Advanced regulation of the laminating temperature - precise temperature control, no film overheating.
- The sheet overlap is adjustable electronically even during machine run.
- Key operation parameters are entered via a touch screen.
- Thrust of pressure roll is pneumatically adjustable on both sides.
- Forced air cooling of counter pressure roll.

#### Snapping and stacking section

- Adjustable decurling bar for straightening sheets after lamination - to reach flat output.
- Separation of sheets done by snapping roll with help of film perforator and a skewing wheel.
- Perforator is located behind the pull roll (built-in solution) - prevents sheet bursting on decurling bar.

# Komfi Amiga 52

## Specification

Max. machine speed:	25 m/min
Min. dimension of processed sheets:	20 x 20 cm
Max. dimension of processed sheets:	53 x 80 cm
Max. height of paper pile:	50 cm
Paper weight:	115-600 g/m <sup>2</sup>
Laminating film thickness:	24-45um
Type of laminating film:	OPP, PET, Nylon
Time of laminating roll warm up (25÷100 °C):	approx. 15 min
Laminating temperature:	135 °C (depending on film type)
Sheet overlap accuracy:	± 1 mm (at constant laminating speed)
Machine dimensions incl. unloading table (l x w x h):	242 x 117 x 157 cm
Machine dimensions incl. stacker (l x w x h):	245 x 117 x 157 cm
Required power supply:	3.8 kVA, 3 x NPE 400 V AC, 50 Hz
Required compressed air supply:	pressure min. 6 bar, air supply 130 l/min
Max. pressing force:	22.5 kN
Max. linear nip pressure:	43 N/mm

Specifications are subject to change without notification.

## Laminating Film

- GBC OPP Gloss and OPP Matt
- GBC Digital OPP Gloss and OPP Matt
- GBC Hitac OPP Gloss and OPP Matt
- GBC Scuff Free Matt



## Accessories



Feeding Head



Built-in Stacker