

AMIGA 52

THERMAL LAMINATOR

KOMFI[®]



SOFTWARE FEATURES

- Nip pressure activation is controlled automatically
- Sheet position is stored in the system when machine was stopped and when started again, the machine starts to run from the position where it has been stopped
- Job pre-sets (job parameters) can be stored under name and activated later again
- Function "Stop at sheet overlap"
- Function "Finish job"
- Snap position is determined automatically (with possibility of change by the operator and stored in memory)
- Possibility of window lamination
- Function "feeding head parking" – when the machine is stopped, the feeding head lays the sheet down first and only then the suction is stopped, when re-started it continues sucking the sheet from the original position (eliminates gap between sheets)
- Sheet separation and wrapping detection with controlled stop of the machine after certain number of non-separated sheets and after warning announcement
- Function "Autopilot" – detection of sheet presence in feeder, machine speed change related to the amount of remaining sheets, signalization of low volume of laminating film



WEB PAGE



VIDEO

TECHNICAL PARAMETERS

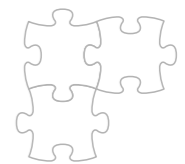
	BOTTOM FEEDER	FEEDING HEAD	INLINE FEEDER	DOUBLE	FLYING KNIFE	HOT KNIFE
Maximum speed of lamination:	15 m/min	25 m/min	25 m/min	limited acc. to paper weight	limited acc. to sheet size	25 m/min
Maximum sheet dimensions:	56 × 80 cm	56 × 80 cm	56 × 80 cm	56 × 80 cm	56 × 80 cm	56 × 80 cm
Minimum sheet dimensions:	20 × 20 cm	20 × 20 cm	20 × 20 cm	20 × 20 cm	20 × 20 cm	20 × 20 cm
Paper weight:	115-600 gsm	115-600 gsm	115-600 gsm	115-600 gsm (250+ gsm limited)	115-600 gsm	115-600 gsm
Thickness of laminating film:	24-50 µm	24-50 µm	24-50 µm	24-50 µm	24-50 µm	24-50 µm
Kind of laminating film:	OPP, PET, Nylon	OPP, PET, Nylon	OPP, PET, Nylon	OPP, PET, Nylon	OPP, PET, Nylon	OPP, PET, Nylon
Time of laminating roll warm up (25÷100 °C):	4 min	4 min	4 min	4 min	4 min	4 min
Sheet overlap accuracy (at constant laminating speed):	±1 mm	±1 mm	±1 mm	±1 mm	±1 mm	±1 mm
Machine dimensions including delivery desk (L × W × H):	267 × 100 × 147 cm	263 × 100 × 147 cm	283 × 100 × 147 cm	329 × 100 × 147 cm	263 × 100 × 147 cm	288 × 100 × 147 cm
Air supply:	Min. 6 bar	Min. 6 bar	Min. 6 bar	Min. 6 bar	Min. 6 bar	Min. 6 bar
Air consumption at stable run:	20 l/min	65 l/min	20 l/min	65 l/min	65 l/min	65 l/min

The technical parameters may change without prior notice. Find more details about the product and its technical parameters on www.komfilaminators.com.

TAILORED TOWARDS DIGITAL PRINTS

- Professional quality lamination for variety of small digitally printed jobs
- Designed for unattended operation
- Built-in help and self-diagnostics
- Graphical touch screen for comfortable multi-language operation
- Unique software features for highly automatized run and very easy operation
- Continuous automatic checking of the whole lamination process (feeding, temperature, air pressure, sheet separation, etc.) to ensure 100% quality result
- Large number of configuration possibilities

CONFIGURATION ON DEMAND



AMIGA 52 DOUBLE

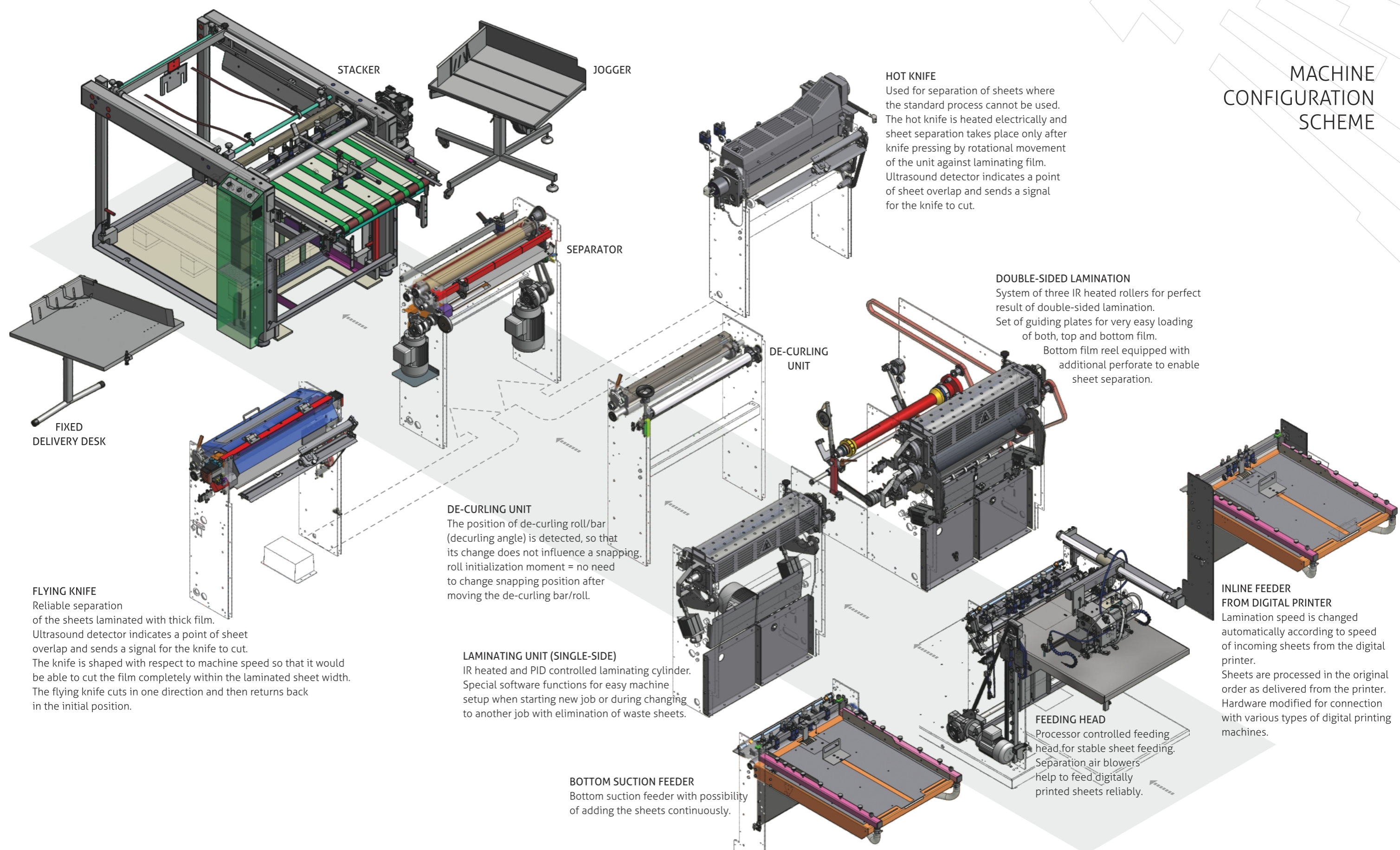


AMIGA 52 IN-LINE

DESIGNED AND MANUFACTURED IN THE CZECH REPUBLIC

www.komfilaminators.com

MACHINE CONFIGURATION SCHEME



UNLOADING

- Fixed delivery desk
- Jogger
- Stacker

OTHER OPTIONS

- Film roll lift
- Spare parts kit

SEPARATOR

- Built-in perforator
- Antistatic bar
- Electronically controlled snapping unit
- Speed adjustable separating roll
- Sheet separation detector
- Flying knife
- Hot knife

UNWINDING UNIT

- Height adjustable spread roll
- On-roll film slitter
- Additional on-roll perforator

LAMINATING UNIT

- Rubber coated pressure roll
- Teflon coated pressure roll
- Polyurethane coated pressure roll
- IR heated and PID controlled laminating cylinder
- OTF modification

FEEDER

- PSA modification
- "COMBO" version (OTF+PSA)
- Sheet preheating
- Air pressure decrease detector
- De-curling roll+bar
- Embossing modification
- Double-sided lamination

FEEDER

- Bottom feeder
- Feeding head
- Inline feeder from digital printer
- Vacuum pump
- Automatic sheet overlap control
- Mis-feeding detection
- Auxiliary piston compressor