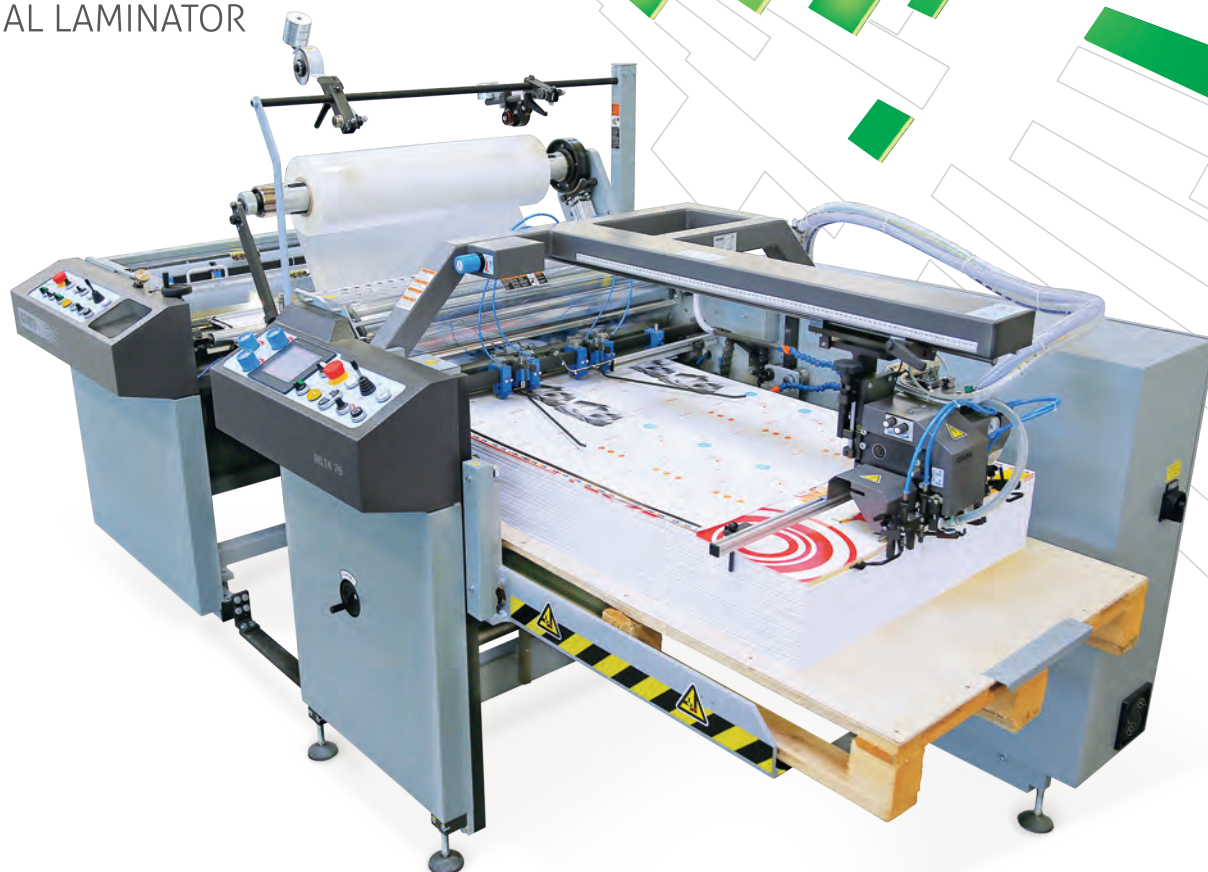# SAGITTA 76

THERMAL LAMINATOR

KOMFI®

DESIGNED & TAILORED
TOWARDS HIGH VOLUME OFFSET PRINTED JOBS

- Robust and durable design; installed worldwide in 24/7 environments
- More than 15 years on the market, 3rd generation
- Unique software features to optimise production and decrease waste sheets to absolute minimum
- Built-in help and self-diagnostics
- Easily accessible functional parts for simple maintenance
- Designed for unattended operation

- Feeding head is processor controlled to provide faultless sheet feeding
- Electronically controlled gate for precise and stable sheet overlap at any production speed
- Easy and fast setting of job and machine parameters through a large graphical touch screen
- Outstanding lamination quality thanks to instant precise temperature control
- Continuous automatic checking of the whole lamination process (feeding, temperature, air pressure, sheet separation, etc.) to ensure 100% quality result

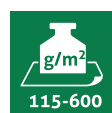### DESIGNED AND MANUFACTURED IN THE CZECH REPUBLIC
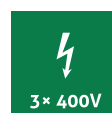
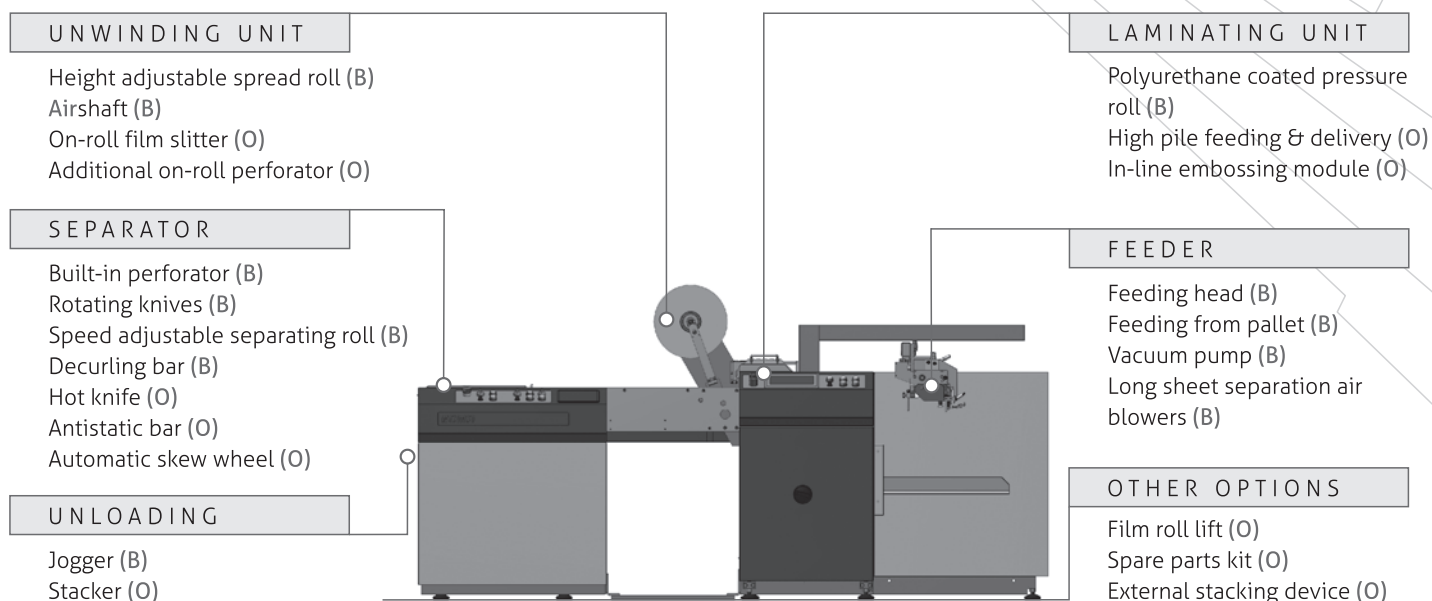| 76×112 cm	50 m/min	HEAD	5 ZONE ELECTRICAL	TOUCH	OFFSET INPUT	g/m² 115-600	3× 400V	6 bar 50 l/min

SAGITTA - 5 ★ PERFORMANCE

MACHINE CONFIGURATION SCHEME

B = basic   O = option

UNWINDING UNIT

Height adjustable spread roll (B)
Airshaft (B)
On-roll film slitter (O)
Additional on-roll perforator (O)

LAMINATING UNIT

Polyurethane coated pressure roll (B)
High pile feeding & delivery (O)
In-line embossing module (O)

SEPARATOR

Built-in perforator (B)
Rotating knives (B)
Speed adjustable separating roll (B)
Decurling bar (B)
Hot knife (O)
Antistatic bar (O)
Automatic skew wheel (O)

FEEDER

Feeding head (B)
Feeding from pallet (B)
Vacuum pump (B)
Long sheet separation air blowers (B)

UNLOADING

Jogger (B)
Stacker (O)

OTHER OPTIONS

Film roll lift (O)
Spare parts kit (O)
External stacking device (O)

BASIC CONFIGURATION

- ☐ Automatic feeder (feeding from pallet)
- ☐ Komfi-design feeding head
- ☐ Vacuum pump
- ☐ Long sheet separation air blowers
- ☐ Automatic sheet overlap control
- ☐ Mis-feeding detection
- ☐ Laminating cylinder heated by 5-zone electro-resistance heater
- ☐ Temperature drop detection
- ☐ Polyurethane coated pressure roll
- ☐ Air pressure decrease detector
- ☐ Airshaft for film unwinding
- ☐ Adjustable sheet de-curling unit
- ☐ Automatic sheet separation using rotating knives and built-in perforator
- ☐ Snapping unit pneumatically controlled
- ☐ Speed adjustable snapping roller
- ☐ Sheet separation detector
- ☐ Jogger

OPTIONS

- ☐ Machine options in details on **www.komfilaminators.com**

CUSTOM-BUILT SOLUTIONS

- ☐ Sagitta 76 H (High stack)
- ☐ Sagitta 76 Embossing
- ☐ The technical parameters of custom-built solutions are different from the standard
- ☐ configuration Possibility of individual machine modification based on specific requirements

TECHNICAL PARAMETERS

Maximum speed of lamination:	50 m/min
Maximum sheet dimensions:	76 × 112 cm (29.5 × 44")
Minimum sheet dimensions:	30 × 22 cm (11.8 × 8.6")
Paper weight:	115-600 g/m²
Thickness of laminating film:	24-50 μm (according to the type of film)
Kind of laminating film:	OPP, PET, Nylon
Time of laminating roll warm up (25÷100 °C):	5 min
Sheet overlap accuracy (at constant laminating speed):	±1 mm
Machine dimensions including delivery desk (L × W × H):	409 × 156.5 × 132 cm; 504 × 156.5 × 132 cm
Air supply:	6 bar
Air consumption at stable run:	50 l/min

* Machine speed with optional productivity package.
The technical parameters may change without prior notice. Find more details about the product and its technical parameters
on **www.komfilaminators.com**.

WEB PAGE

VIDEO