

# SIRIUS 107

THERMAL LAMINATOR



- INDUSTRIAL BUILT QUALITY LAMINATOR FOR PROCESSING ORDERS UP TO B0 SHEET FORMAT.
- ROBUST AND RELIABLE SOLUTION FOR BOTH ON-DEMAND AND COMMERCIAL LAMINATION.
- PROCESS SPEED UP TO 60 m/min.
- APPLICATION: MEDIUM TO HIGH VOLUME JOBS.
- SUITABLE AND RECOMMENDED FOR 24/7 PRODUCTION ENVIRONMENTS.

SIRIUS - 5★ PERFORMANCE



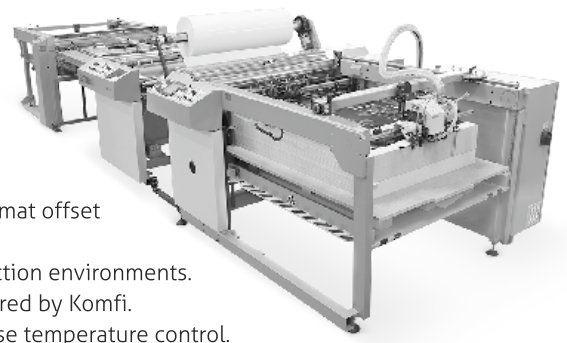
Komfi-design feeding head  
- feeding from pallet



Rotating knives



Airshaft



## KEY FEATURES

- The Komfi **Sirius 107** model is tailored towards full format offset and on-demand printed output.
- Reliable solution for the most demanding 24/7 production environments.
- Hard- and software solutions designed and manufactured by Komfi.
- Outstanding lamination quality thanks to instant precise temperature control.
- Feeding head is processor controlled to provide stable sheet feeding.
- Accurate and stable overlap at any production speed.
- Ability to process standard thermal laminating film available on the market.
- Special software features not found on any other machine to optimise production and minimize waste-sheet.
- Built-in help and self-diagnostics.
- High tech features in an industrial package.

## BASIC MACHINE CONFIGURATION

- Automatic feeder – feeding from pallet.
- Komfi designed feeding head.
- Electronic sheet overlap control.
- Laminating speed up to 60 m/min.
- Laminating cylinder heated by PID controlled 5-zones electro-resistance heater.
- Long-life polyurethane counter pressure roller.
- Film unwinding airshaft.
- Combined sheet de-curling unit (bar and roller).
- Automatic sheet separation using built-in perforator and rotary knives.
- Electronically controlled pneumatic snapping unit.
- Automatic pallet stacker.

## SELECTED OPTIONS

- Film splitter.
- Additional on roll perforator.
- Film-roll lifter.
- Antistatic bar.

## CUSTOM-BUILT SOLUTIONS

- Possibility of individual machine modification based on specific requirements.

Maximum speed of lamination:	60 m/min
Maximum sheet dimensions:	107 × 145 cm (42 × 57")
Minimum sheet dimensions:	36 × 40 cm (14 × 15.7")
Paper weight:	115-600 g/m <sup>2</sup>
Thickness of laminating film:	24-50 µm
Kind of laminating film:	OPP, PET, Nylon
Time of laminating roll warm up (25÷100 °C):	Approx. 6 min
Average sheet overlap accuracy (at constant laminating speed):	±1 mm
Machine dimensions including stacker (L × W × H):	675 × 187 × 132 cm

The technical parameters may change without prior notice.