



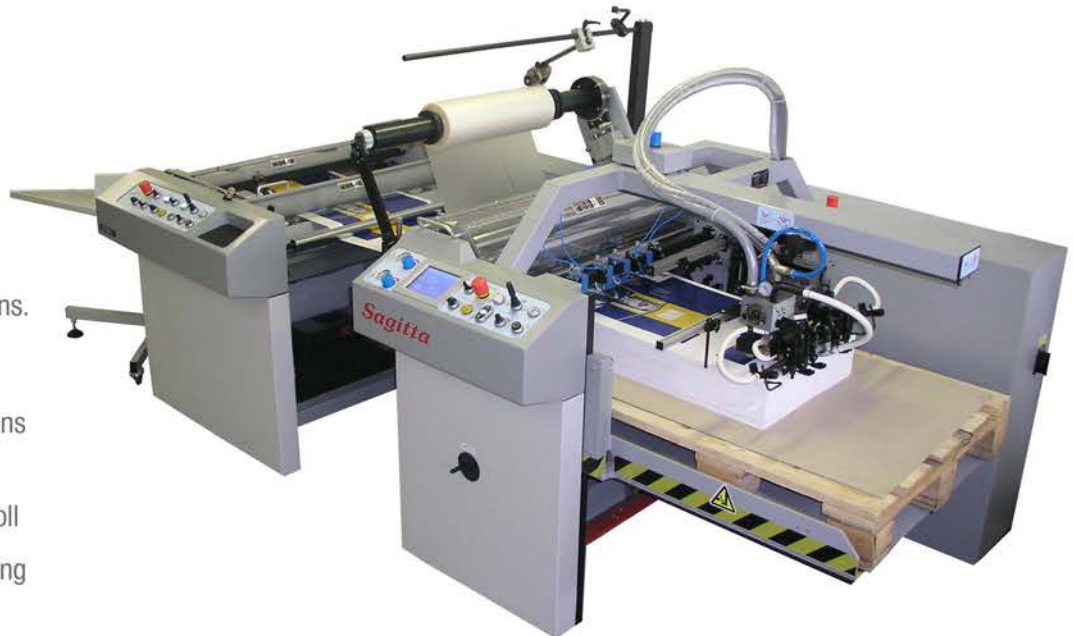
Print Finishing Solutions

Sagitta

The Sagitta is an industrial automatic laminator designed for lamination of middle-size and large orders up to B1 format with speed to 50 mtr/min.

It is a robust and reliable solution for on demand and commercial lamination, suitable for nonstop runs.

- Two-system feeding head
- Laminating roll heating by means of five-zones electrical heating
- Pneumatic thrust of pressure roll
- Automatic sheet separation using rotating knives



Features and Benefits:

Feeding section

- Two-system, servo-motor driven, feeding head.
- Mechanical elements of feeding head, system of feeding rollers and swing stops for accurate feeding of single sheet.
- Side airblowers to separate sheets.
- System of guiding plates to strengthen thin paper before lamination.
- The misfeed sensor prevents film from sticking to the counter pressure roll in case a sheet is missed.

Laminating section

- Film unwinding air shaft with side adjustment, pneumatic brake and adjustable distribution roll.
- Fast heating of laminating roll using dry filling-free method.
- The laminating roll temperature is divided in five zones and is separately controlled using advanced PID regulation.
- Sheet overlap is set electronically and can be altered during production.
- A wide range of operating parameters is entered via a touch screen.
- Pneumatic adjustable counter pressure roll thrust on both ends.
- Doubled and synchronised control of laminating and snapping unit for easier maintenance.

Separator

- Precisely adjustable decurling bar eliminates the “curling” effect after lamination, making stacking easier.
- The sheet separation is ensured by means of snapping roll together with rotating knives and skewing wheel.
- Laminated output is stacked onto a fixed unloading table or optional jogging table.
- Optional automatic stacker is also available.



Sagitta

Specifications

Max. machine speed:	50 m/min
Max. monthly capacity:	suitable for nonstop run
Min. dimension of processed sheets:	30 x 24 cm
Max. dimension of processed sheets:	76 x 102 cm
Max. height of paper pile:	68 cm
Paper weight:	115-600 g/m ²
Laminating film thickness:	20-50um
Type of laminating film:	OPP, PET, nylon
Time of laminating roll warm up (25÷100 °C):	approx. 5 min
Laminating temperature:	135 °C (depending on film type)
Sheet overlap accuracy:	±1 mm (at constant laminating speed)
Machine dimensions incl. jogging table (l x w x h):	410 x 156 x 132 cm
Machine dimensions incl. stacker (l x w x h):	520 x 156 x 132 cm
Required power supply:	16,5 kVA, 3 x NPE 400 V AC, 50 Hz
Required compressed air supply:	pressure min. 6 bar, air supply 160 l/min
Max. pressing force:	49,8 kN
Max. linear nip pressure:	65 N/mm

Specifications are subject to change without notification.

Film Reels Loading Crane



This manually operated device will lift films weighing up to 80kg and simultaneously ease the roll replacement in the machine. The loading crane works as a cable reel with a brake, thus, the roll replacement becomes a very simple operation even for a single operator.

Laminating Film

- GBC Supreme Gloss and Matt OPP
- GBC Lay Flat Gloss and Matt
- GBC Digital OPP Gloss and Matt
- GBC Scuff Free Matt



1800 422 349
ebusiness@smartech-aust.com
smartech-aust.com