



# Laminators

## Sagitta 720s

Industrial automated laminator designed for lamination of middle-sized and larger orders up to B1 format with speed to 50 m/min. Robust and reliable solution for on demand and commercial lamination, suitable for nonstop run.

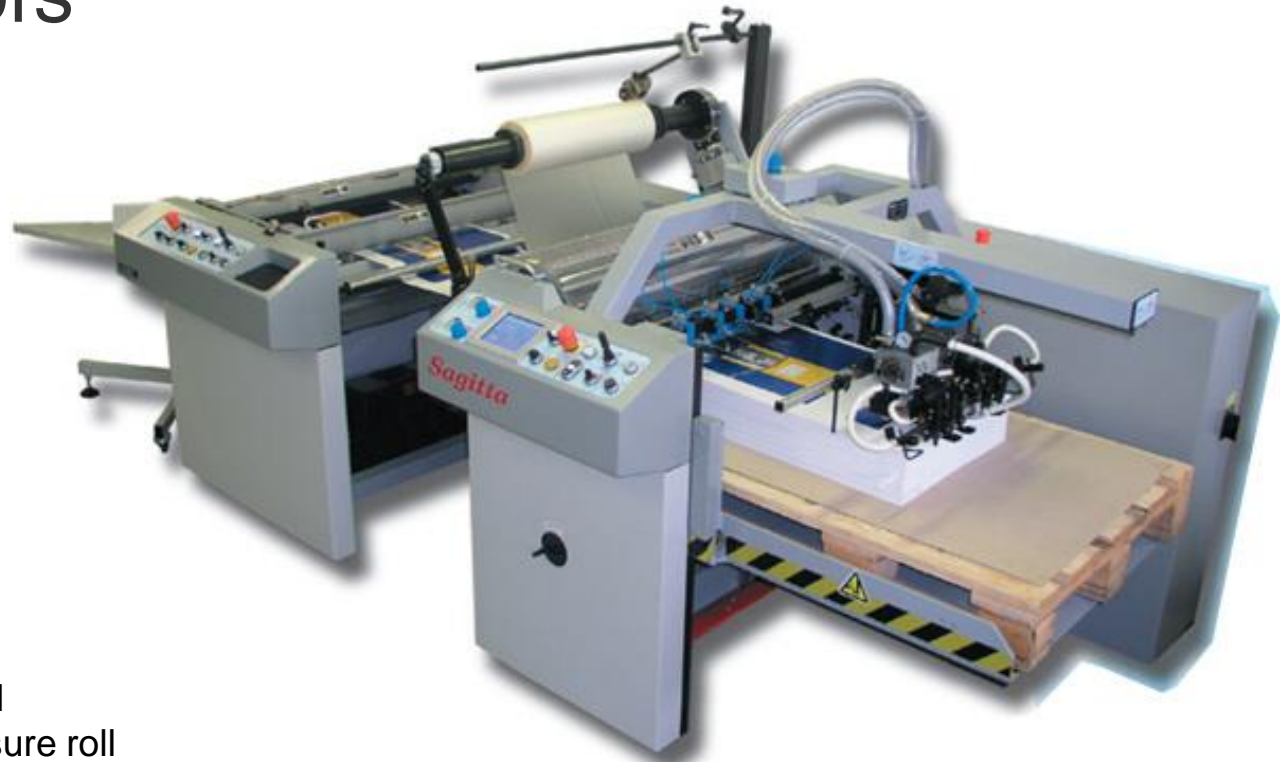
- Two-system feeding head
- Pneumatic thrust of pressure roll
- Laminating roll heating by means of five-zones electrical heating
- Automatic sheet separation using rotating knives.

### FEATURES & BENEFITS

#### Feeder

- Two-system feeding head driven by servo-motor.
- Mechanical elements of feeding head and system of feeding rollers and swing stops for accurate feeding of single sheet.
- Side airblowers.

- System of guiding plates to strengthen thin paper before lamination.
- The sensor indicating misfed sheet to prevent the film from sticking to the pressure roll.





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## Separator

- Adjustable decurling bar for sheet straightening after the lamination making their consequent stacking easier.
- The sheet separation is ensured by means of snapping roll together with rotating knives and skewing wheel.
- Sheet stacking onto jogging table or automatic stacker.

## Specifications

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Max. designing speed of lamination:

Max. monthly capacity:

Min. dimension of processed sheets:

Max. dimension of processed sheets:

Max. height of paper pile:

Paper weight:

Laminating film thickness:

Kind of laminating film:

Time of laminating roll warm up (25÷100 °C):

Max. recommended laminating temperature:

Sheet overlap accuracy:

Machine dimensions incl. jogging table (l x w x h):

Machine dimensions incl. stacker (l x w x h):

Power supply:

Parameters of compressed air supply:

Max. pressing force:

Max. linear nip pressure:

## Laminator

- Film unwinding by means of air shaft with side regulation, pneumatic brake and adjustable distribution roll.
- Fast heating of laminating roll using dry filling-free method.
- The temperature in five zones of the laminating roll is separately controlled using advanced PID regulation.
- Sheet overlap electronically set, being able to be changed even during the machine run.
- A wide range of operating parameters entered via touch screen.
- Pneumatic thrust adjustable on both ends of the pressure roll.
- Doubled and synchronised control of laminating and snapping unit for easier maintenance.

50 m/min / 164fpm

suitable for nonstop run

30 x 24 cm

76 x 102 cm

68 cm

115-600 g/m<sup>2</sup>

24-50 µm

OPP, PET, Nylon

approx. 5 min

135 °C

±1 mm (at constant laminating speed)

410 x 156 x 132 mm

520 x 156 x 132 mm

16,5 kVA, 3 x NPE 400 V AC, 50 Hz

pressure min. 6 bar, air supply 160 l/min

49,8 kN

65 N/mm

## Options

- Film Slitter (w/o winding)
- Perforator
- External stacking device
- Automatic stacker