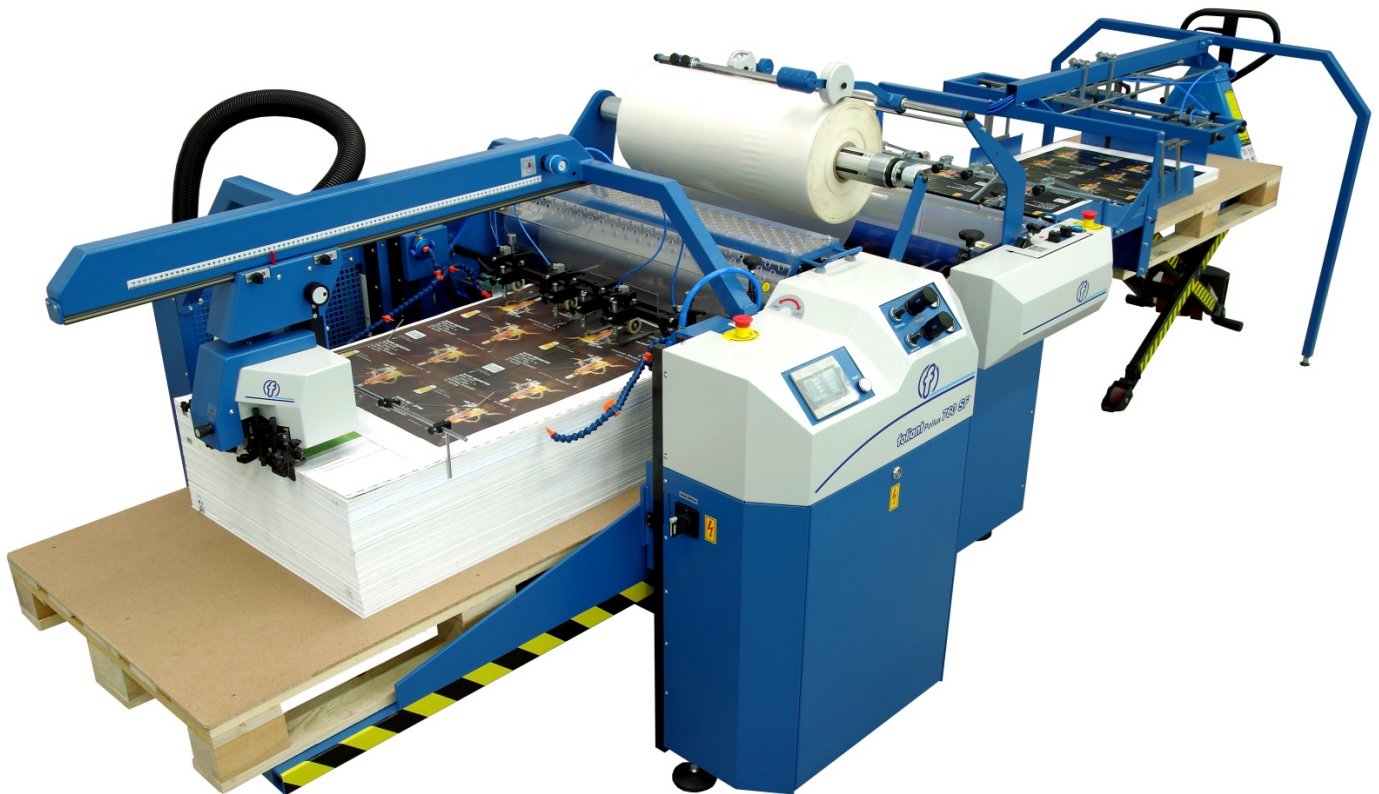




FOLIANT POLLUX 760 SF

The FOLIANT Pollux 760 SF is a high-speed compact industrial laminating machine with heavy-duty construction, suction feeder and a high-speed bump separator. Options like a pallet feeder, a pallet stacker and an electric film loader/manipulator are available. The machines maximum speed is up to 164 ft/min, while the maximum performance is 3,000 sheets per hour of a 27.8" x 39.4" portrait or 6,000 sheets per hour of 19.7" x 27.8" landscape (white paper 200 gsm).



FEEDER

The FOLIANT Pollux 760 SF is equipped with a rising pile back separation stream feeder, with a suction feed head. It is driven by an Omron servo motor and controlled by a machine central PLC. The Becker vacuum pump is used for sheet separation. The overlaps are electronically controlled, in an "in-run" automatic mode from the touchscreen. The accuracy is +/- 2 mm (0.08") under-lap (in a constant speed). The standard feeder is fitted with a lifting plate and its capacity is a 25.59" pile of paper.

LAMINATOR

The FOLIANT Pollux 760 SF laminator maximum sheet size is 29.9" x 43.3". The minimum sheet size is 12.59" x 9.84". FOLIANT Pollux 760 SF machine is a single-sided thermal industrial laminator, laminating the paper 115 – 600 gsm, with a unique "U" cross bar for the thin sheets flat and safety high-pressure lamination, mounted in the front of the main laminating rollers, with an "In run" adjustable de-curl bar.

The roll of film is mounted on an air shaft that allows very convenient, easy and precise film positioning. The shaft capacity is up to 9,842' of the 24 - 42 microns film. The film holder unit is equipped with a trim slitter and a perforating wheel.

The laminating process is done between two laminating rollers - a highly polished chrome roller, and a lower hard rubber pressure roller. The laminating roller is heated with 6 contact electric heaters inside the roller, with a sensitive in-roll temperature sensor. The pressure is pneumatically adjustable, with an extra independent control knob for each roller edge. The pressure of pulling rollers is controlled with a

pneumatic control knob. There is a service "walk-in" section between the machine laminating rollers and pulling rollers for easy machine maintenance and roller cleaning. The machine requires an external source of pressured air 200 l / min, 6 – 8 bars.

The machine is fitted with OMRON Programmable Logic Controllers, which controls all of the machine's functions. Used PLC system includes many automatic items for easy machine control and reliable lamination. The whole machine is controlled by an interactive easy-to-understand icon touchscreen panel – no language version is needed.

SEPARATOR

The integrated bump separator (sheeter) is equipped with a pair of fast cycling rollers. The process is controlled from the machine PLC unit. The separated sheets are delivered through a high-speed belt conveyor (for safety loading to the reception unit) into a vibrating jogger (optional) or a pallet stacker (optional).

LAMINATING FILMS

The machine laminates the BOPP films (24 – 42 µm), Nylon films (24 – 35 µm) and PET films (20 – 26 µm).

OPTIONS

JOGGER 760 (OPTIONAL)*

It is an adjustable vibrating reception unit for the stacking of laminated sheets. Its capacity is limited up to a 3.9" pile of sheets.

PALLET STACKER (OPTIONAL)*

It is a device equipped with a pallet trolley, pneumatically controlled from the machine PLC, which loads the laminated sheets into a high pile. Its capacity is 25.59" pile of sheets. It is based on a manual scissors lift table (hydraulic) and sensors for its pneumatic control. The pallet can be manipulated either from the operator's side (it saves the manipulation space) or from behind.

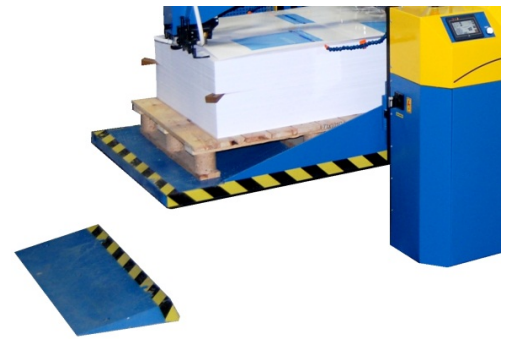
PALLET FEEDER (OPTIONAL)

It is fitted with a pallet holder and an adapter for a full pallet of paper. Its capacity is a 25.59" paper pile. The pallet can be manipulated from the front and it requires another space for the manipulation.

FILM LOADER/MANIPULATOR (OPTIONAL)

It is an external independent electric lift with a film core adapter for loading heavy rolls of film (max. capacity 275.5"). The device is not integrated with the machine. It is only connected with the machine's electric circuits.

*Important – the machine must be operated either with a Pallet Stacker or with a Jogger.



Optional Pallet Feeder



Optional Pallet Stacker



Optional Jogger

Foliant Pollux 760 SF

Max Speed	164' / min	Film Micro Adjustment Air Shaft	Standard
Max Performance	3000 27.8" x 39.4" sheets / hour	Warming up Time	8 min
Feeding	Automatic	Temperature Control	176° - 284°F
Feeding System	Suction Feeder	Power Supply	3 ph., 400 V AC, 50-60 Hz
Feeder's Load Capacity	25.59"	Power	14500 W
Overlaps	Automatic, PLC Control	Floor space with Jogger (w x l)	64.9" x 161"
Overlaps Accuracy	+ / - 2 mm (0.08")	Weight	2,182.5 lbs
Separation	Automatic, Bump Rollers	Pallet Feeder	Optional
Paper Weight	115 - 600 gsm	Pallet Feeder's Capacity	25.59"
Main Rollers Pressure	Pneumatic	Jogger 760	Optional
External Compressor	200 l/ min, 6 - 8 bar	Pallet Stacker	Optional
Min Sheets Size (w x l)	12.59" x 9.84"	Pallet Stacker Capacity	25.59"
Max Sheets (w x l)	29.9" x 43.3"	Film Loader (Electric)	Optional