



FOLIANT TAURUS 760 NG

The **FOLIANT Taurus 760 NG** is a very compact and fast industrial laminating machine constructed for nonstop work with integrated suction feeder, high-speed bump separator and with options like pallet stacker or Foliant Foiler. **The machine maximum speed is up to 98 ft/min**, while maximum performance is 1,700 sheets per hour of 27.8" x 39.4" portrait or 3,400 sheets per hour of 19.7" x 27.8" landscape (white paper 200 gsm).



FEEDER

The FOLIANT Taurus 760 NG 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 feeder is fitted with a lifting plate and its capacity is a 15.7" pile of paper.

LAMINATOR

The FOLIANT Taurus 760 NG laminator maximum sheet size is 29.9" x 43.3". The minimum sheet size is 12.59" x 9.84". The FOLIANT Taurus 760 NG machine is a single-sided thermal industrial laminator, laminating the 115 – 600 gsm paper, with an unique "U" cross bar for perfect lamination of thin sensitive sheets.

The laminating unit is equipped with an adjustable twin de-curl unit:

- With a de-curl blade for strong effect
- With a de-curl roller for weaker effect and as protection for back print

The roll of a 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 slit and a perforating wheel.

The laminating process is made between two laminating rollers - a highly polished chrome roller, and a lower hard rubber pressure roller. The laminating roller is heated with a dry electric system inside the roller which consists of several rings mounted directly to the inside wall of the roller. This ensures that heat transfer is perfect even at maximum speed. A sensitive temperature sensor is also inside the roller

as close to surface as possible. The warm up time is shorter than 10 minutes. The pressure is pneumatically adjustable with an extra independent control knob for each roller edge. The machine is fitted with OMRON Programmable Logic Controllers, which controls all of the machine's functions. Used PLC system includes many automation items for easy 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 into a vibrating Jogger.

LAMINATING FILMS

The machine laminates the BOPP films (24 – 42 µm) and Nylon films (24 – 35 µm). The PET films (20 – 26 µm) can be laminated with the optional module only.

OPTIONS

JOGGER 760*

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.

FOLIANT FOILER

Winding device that allows use of metalized film (gold, silver, red, etc.) and spot varnish film.

PET FILMS LAMINATION MODULE

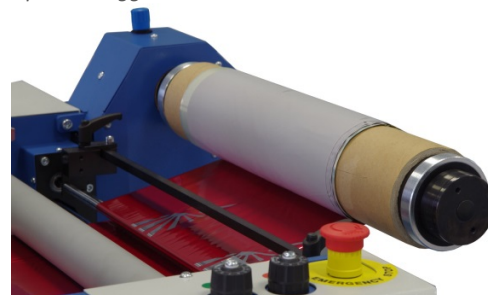
It is a module integrated inside the separator for the PET films (max. 26 microns) processing.

FILM LOADER/MANIPULATOR

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



Optional Jogger



Optional Foliant Foiler



Optional Film loader

Foliant Taurus 760 NG

Max Speed	98' / min	Max. Performance	1700 27.8" x 39.4" sheets / hour
Feeding	Automatic	Film Micro Adjustable Air Shaft	Standard
Feeding System	Suction Feeding Head	Warming up Time	8 min
Feeder's Load Capacity	15.7"	Temperature Control	176° - 284°F
Overlaps	Automatic, PLC Control	Power Supply	3 ph., 400 V AC, 50-60 Hz
Overlaps Accuracy	+ / - 2 mm (0.08")	Power	8000 W
Separation	Automatic, Bump Rollers	Floor space with Jogger (w x l)	56.2" x 129.9"
Paper Weight	115 - 600 gsm	Weight	1,807 lbs
Main Rollers Pressure	Pneumatic	Module for PET Films Processing	Optional
External Compressor	150 l / min, 6 - 8 bar	Jogger 760	Optional
Min. Sheets Size (w x l)	12.59" x 9.84"	Film Loader (Electric)	Optional
Max. Sheets Size (w x l)	29.9" x 43.3"	Foliant Foiler	Optional

*Important – the machine must be operated with a Jogger.

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