

FOLIANT TAURUS 760 NG

The FOLIANT Taurus 760 NG is a next generation of popular SF version. It is very compact and fast industrial laminating machine, constructed for non-stop 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 30 m/min**, while maximum performance is 1800 sheets per hour of B1 portrait or 3400 sheets per hour of B2 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 an original feeding head from the offset printing machines. It is driven by an Omron servo motor in the laminating machine Taurus and controlled by a machine central PLC. The Becker vacuum pump is used for sheets back and sides airing. The overlaps are electronically controlled, in an „in-run“ automatic mode, from the touch screen. The accuracy is +/- 2 mm under-lap (in a constant speed). The feeder is fitted with a lifting plate and its capacity is a 40 cm pile of paper.

LAMINATOR

The FOLIANT Taurus 760 NG laminator maximum sheet size is 76 x 110 cm. The minimum sheet size is 32 x 25 cm. 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 decurl unit:

- With a decurl blade for strong effect
- With a decurl 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 3000 m of the 24 - 42 microns film. The film holder unit is equipped with a trim slitter 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 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 warming 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

machines' functions. Used PLC system includes many automation items for a machine easy control and a reliable lamination. The whole machine is controlled by an interactive easy understandable icon touch screen 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 laminated sheets stocking. Its capacity is limited up to a 10 cm 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 adaptor for loading heavy rolls of film (max. capacity 125 kg). The device is not integrated with the machine. It is only connected with the machine's electric circuits.

ANTI-STATIC BAR

Pair of ionization bars that remove static charge from laminated paper.

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



Optional Jogger



Optional Foliant Foiler



Optional Film loader

Foliant Taurus 760 NG

Max Speed	30 m / min	Max. Performance	1800 B1 / hour
Feeding	Automatic	Film Micro Adjustable Air Shaft	Standard
Feeding System	Suction Feeding Head	Warming up Time	8 min
Feeder's Load Capacity	40 cm	Temperature Control	80 - 140°C
Overlaps	Automatic, PLC Control	Power Supply	3 ph., 400 V AC, 50-60 Hz
Overlaps Accuracy	+ / - 2 mm	Power	8000 W
Separation	Automatic, Bump Rollers	Floor space with Jogger (w x l)	143 x 330 cm
Paper Weight	115 - 600 gsm	Weight	820 kg
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)	32 x 25 cm	Film Loader (Electric)	Optional
Max. Sheets Size (w x l)	76 x 110 cm	Foliant Foiler	Optional