



FOLIANT TAURUS 760 NG 4x4 DOUBLE

The FOLIANT Taurus 760 NG 4x4 Double is a double-sided laminating machine offering very high performance. It is a very compact and fast industrial laminating machine, constructed for nonstop work. It is equipped with a suction feeder, high-speed bump separator and many options like a pallet stacker or a Foliant Foiler. Due to its format and performance, the machine is suitable for all jobs – all kinds of digitally printed sheets and high volumes of offset printed sheets size 27.8” x 39.4” for lamination. The machine’s maximum speed is up to 98.4 ft/min in single-side lamination and in double-sided lamination as well, while performance is up to 1,700 sheets per hour of 27.8” x 39.4” single-sided and up to 2,900 sheets per hour double-sided portrait (white paper 200 gsm).



LAMINATOR

The FOLIANT Taurus 760 NG 4x4 laminator’s maximum sheet size is 29.9” x 43.3”. The minimum sheet size is 12.6” x 9.8” (A4). The FOLIANT Taurus 760 NG 4x4 machine is a double-sided thermal industrial laminator, laminating 115 – 600 gsm paper, with an unique “U” cross bar for the 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 the back side of printed sheets.

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 9,482’ of 24 - 42 microns film. The film holder unit is equipped with a trim slitter and a perforating wheel.

The laminating process is made between a pair of laminating rollers for each side - a highly polished chrome roller and a hard rubber pressure roller. Both chrome rollers are heated with a dry electric system inside, 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. Sensitive temperature sensors are also adjustable with an extra independent control knob for each pressure roller edge.

The machine is fitted with OMRON PLC, which controls all of the machine’s functions. The PLC system includes many automation items for easy control of the machine 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 (optional).

LAMINATING FILMS

The machine laminates BOPP films (24 – 42 microns), PET films (20 – 26 microns single-sided and 20-22 microns double-sided) and Nylon films (24-35 microns single-sided only).

OPTIONS:

JOGGER 760*

The Jogger 760 is an adjustable vibrating reception unit for stacked laminated sheets. Its capacity is limited to 3.9" of paper.

FOLIANT FOILER

Winding device that allows use of metalized film (gold, silver, red, etc.) and spot varnish film. The machine behaves as semi-automatic during foiling because there is no need for separation.

FILM LOADER/MANIPULATOR

The Film Loader/Manipulator 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 electrical circuits.

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

Because the quality of lamination depends on a combination of many factors (film and paper quality, printing technology being used, etc.), the actual speed of operation will vary depending on these factors.



Foliant Taurus 760 NG 4x4 Double			
Max Speed (Single & Double)	98.4' / min	Max. Sheet Size (W x L)	29.9" x 43.3"
Max. Performance (Single & Double)	1700 / 2900 27.8" x 39.4" SPH	Film Micro Adjustable Air Shaft	Standard
Feeding	Automatic	Warm Up Time	8 min
Feeding System	Suction Feed Head	Temperature Control	80 - 140°C
Feeder Load Capacity	15.7"	Power Supply	3 ph., 400 V AC, 50-60 Hz
Overlaps	Automatic PLC Control	Power	11300 W
Overlaps Accuracy	+ / - 2 mm	Floor Space with Jogger (W x L)	55" x 145.7"
Separation	Automatic Bump Rollers	Weight	1,829.8 lbs
Paper Weight	115 - 600 gsm	Jogger 760	Optional
Main Rollers Pressure	Pneumatic	Foliant Foiler	Optional
External Compressor	150 l / min, 6 - 8 bar	Film Loader (Electric)	Optional
Min. Sheet Size (W x L)	12.6" x 9.8"		

The information in this document is subject to change without notice.