



FOLIANT MERCURY 760 NG

The FOLIANT Mercury 760 NG is a very compact and fast industrial laminating machine constructed for heavy-duty work with an integrated suction feeder, high-speed bump separator and an optional pallet stacker. The machine's maximum speed is up to 65 ft/min., while maximum performance is 1,200 sheets per hour of 27.8" x 39.4" portrait or 2,400 sheets per hour of 19.7" x 27.8" landscape (white paper 200 gsm).



FEEDER

The FOLIANT Mercury 760 NG is equipped with a rising back pile separation stream feeder and 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 15.7" of paper.

LAMINATOR

The FOLIANT Mercury 760NG laminator's maximum sheet size is 29.9" x 43.3". The minimum sheet size is 12.6" x 9.8". The FOLIANT Mercury 760 NG machine is a single-sided thermal industrial laminator, laminating 115 – 600 gsm paper, with an "in-run" adjustable de-curl bar.

The roll of film is mounted on a quick-changed shaft with a film tension control breaker. The shaft capacity is up to 9,842' of 24 - 42 microns film. The film holder unit is equipped with a trim slitter and 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 with a sensitive temperature sensor. The warm up time is less 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. 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) and Nylon films (24 - 35 microns). The PET films (20 - 25 microns) can be laminated with an optional module 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.

FILM MICRO-ADJUSTABLE AIR SHAFT

Air shaft for precise and easy film placement.

PET FILMS LAMINATION MODULE

The PET Films Application Module is integrated inside the separator for the PET films (20 - 25 microns) processing.

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.

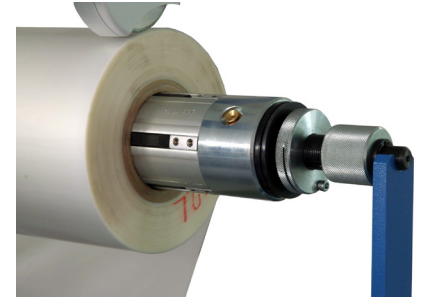
FILM LOADER/MANIPULATOR

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.

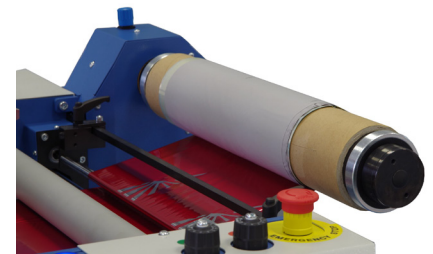
***Important** - the machine must be operated with a Jogger.



Optional Film loader



Optional Air shaft



Optional Foliant Foiler

Foliant Mercury 760 NG

Max Speed	39.4' / min	Max. Sheet Size (W x L)	29.9" x 43.3"
Max. Performance	1200 27.8" x 39.4" SPH	Warm Up Time	8 min
Feeding	Automatic	Temperature Control	176° - 284°F
Feeding System	Suction Feeding Head	Power Supply	3 ph., 400 V AC, 50-60 Hz
Feeder Load Capacity	15.7"	Power	6000 W
Overlaps	Automatic, PLC Control	Floor Space with Jogger (W x L)	56.3" x 129.9"
Overlaps Accuracy	+ / - 2 mm (0.08")	Weight	1,786 lbs
Separation	Automatic, Bump Rollers	Module for PET Films Processing	Optional
Paper Weight	115 - 600 gsm	Jogger 760	Optional
Main Rollers Pressure	Pneumatic	Film Loader (Electric)	Optional
External Compressor	150 l / min, 6 - 8 bar	Film Micro Adjustment Air Shaft	Optional
Min. Sheet Size (W x L)	12.6" x 9.8"	Foliant Foiler	Optional

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