



## FOLIANT VEGA 530 S

The FOLIANT Vega 530 S is a very compact industrial laminating machine designed for heavy-duty lamination of digital and offset output (max. format 20.8" x 29.5"), in a semi-automatic configuration – manual feeding, automatic separation with a bump separator and adjustable twin de-curl bar. Due to its pneumatic high-pressure system, format and performance, the machine is suitable for all jobs – all kinds of digitally printed sheets and high volumes of offset printed sheets 19.7" x 27.8" for lamination. The machine's maximum speed is up to 59 ft./min., while performance is limited by the manual feeding only.



### LAMINATOR

The FOLIANT Vega 530 S laminator's maximum sheet size is 20.8" x 29.5". The minimum sheet size is 7.8" x 11.8". The FOLIANT Vega 530 S machine is a single-sided thermal industrial laminator, laminating 115 – 500 gsm paper. The machine does not need any external source of pressured air for the pneumatic pressure system because the compressor is integrated inside the machine frame as a standard feature.

The laminating unit is equipped with an adjustable twin de-curl unit that can change angle during operation:

- With a de-curl blade for offset printed sheets
- With a de-curl roller for digitally printed sheets (to prevent scratches on digitally printed sheets printed on both sides with sensitive inks).

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 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 pressure is pneumatically adjustable. 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 whole machine is controlled from an interactive, easy-to-understand icon based touchscreen and its control system includes many automation items for easy control of the machine and reliable lamination..

## FEEDER

The FOLIANT Vega 530 S is equipped with an infeed table with synchronized belts and adjustable side guide for manual feeding. Due to upper overlapping, feeding belts and side guide, the manual feeding is easy.

## SEPARATOR

The integrated bump separator (sheeter) is equipped with a pair of fast cycling rollers. The process is controlled from the machine's control unit. The separated sheets are delivered into a vibrating jogger (optional) or an adjustable reception unit (optional).

## LAMINATING FILMS

The machine laminates BOPP films (24 – 42 microns). Nylon films (24 - 35 microns) can be laminated with the Pneumatic Separation option only.

## OPTIONS:

### JOGGER 530\*

The Jogger 530 is an adjustable vibrating reception unit for stacked laminated sheets. Its capacity is limited to 3.9" of paper.

### RECEPTION UNIT 530\*

The Reception Unit 530 is a simple adjustable reception unit for stacking laminated sheets. Its capacity is 3.9" of paper.

### NON-STICKY PRESSURE ROLLER

Standard rubber pressure roller is replaced by a roller with a non-sticky surface. Melted glue from the film cannot stick to it, even under heavy pressure. Cleaning of this roller is not necessary at all. It allows for the lamination of sheets with windows.

### EXTRA FILM SUPPLY ROLL SHAFT

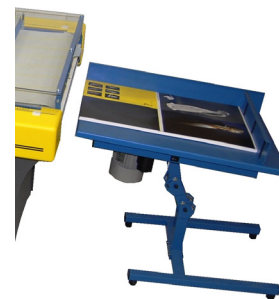
Additional Film Supply Roll Shaft for quicker film replacement.

### AIR SHAFT

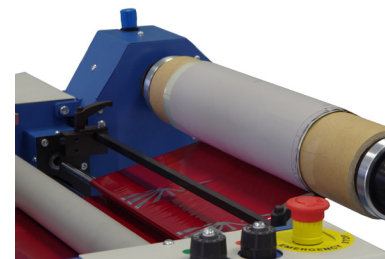
Standard film holder is replaced with an air shaft for quick, tool-less film installation. This option is only available together with the pneumatic separation option.

### PNEUMATIC SEPARATION

The standard mechanical separation system is replaced with a pneumatically powered system. The advantage is better control of the whole separation process. It is supplied with control valves for the delay of separation and separation timing. This helps to separate thin sheets, thicker film, nylon film and also helps with some other difficult jobs where fine tuning is necessary. Machines with this modification have to be connected to an external pressurized air supply (6-8 bars, 50 l/min). The machine is supplied without a compressor.



Optional Jogger 530



Optional Foliant Foiler

**\*Important** - The machine must be operated with either a Reception Unit or a Jogger.

Foliant Vega 530S			
Max Speed	59' / min	Warm Up Time	8 min
Max Performance	1550 19.7" x 27.8" SPH	Temperature Control	176 ° - 284°F
Feeding	Manual	Floor Space with Jogger (W x L)	37.7" x 94.4"
Separation	Automatic, Bump Rollers	Weight	705 lbs
Paper Weight	115 - 500 gsm	Twin Decurl Bar, In-Run Adjustable	Standard
Main Rollers Pressure	Pneumatic	Jogger 530	Optional
Integrated Compressor	Standard	Reception Unit RU530	Optional
Min. Sheet Size (W x L)	7.8" x 11.8"	Non-sticky Pressure Roller	Optional
Max. Sheet Size (W x L)	20.8" x 29.5"	Pneumatic Separation	Optional
Power	2750 W	Air Shaft	Optional
Power Supply	1 ph., 230-240 VAC, 50-60 Hz	Foliant Foiler	Optional

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



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