



FOLIANT 520HPS

The **FOLIANT 520HPS** is a simple semi-automatic laminating machine (laminator, separator) designed with an operating width of 20.4". It represents an ideal choice for professional in-house single-sided lamination in small offset and HP Indigo print shops, printing and processing sheets up to 19.7" x 27.8" size (the largest format is 20.5" x 29"). **Maximum speed is up to 36 feet/min.**



The machine's main feature is its small floor space, one single phase 220 – 240 V supply cable, a nice design and easy machine operation. The machine can be supplied with a simple steel modular stand (optional). An **RU 530** Reception Unit and/or **Jogger 530** for storage of laminated sheets are offered as an option too. The machine requires a minimum floor space of 39" x 98" including the RU 530.

LAMINATOR

The **FOLIANT 520HPS** laminator's maximum sheet size is 20.5" x 29". The minimum sheet size is 11.8" x 9.8" (A4). The roll of a film is mounted on an easy handle shaft with a film tension control breaker. The shaft capacity is up to 9,842' of the 24 - 31 microns film. The film holder unit is equipped with a trim slit and a perforating wheel.

The laminating process is done between two laminating rollers – an upper heated silicone roller and a lower hard rubber pressure roller. The laminating roller is heated with an infrared heated spiral with a sensitive contact temperature sensor. The pressure is mechanically adjustable to achieve the pressure between the laminating rollers.

The laminating unit is equipped with an adjustable de-curl bar.

SEPARATOR

The belt separator (sheeter) is equipped with a separating roller and a deflection wheel. The separated sheets are delivered into a reception unit or a vibrating jogger (options).

FEEDING

The FOLIANT 520HPS is a semi-automatic machine. The feeding is manual. For easy manual feeding, the laminating unit is equipped with a synchronized feed conveyor and an adjustable side guide.

LAMINATING FILMS

The machine laminates the BOPP films (23 – 42 microns).

OPTIONS

JOGGER 530 (OPTIONAL)*

It is an adjustable vibrating reception unit for the stacked laminated sheets. Its capacity is limited up to a 3.9" pile of sheets.

RECEPTION UNIT RU 530 (OPTIONAL)*

It is a simple adjustable reception unit for stacking the laminated sheets.

MODULAR STAND MS 520 (OPTIONAL)

It is a simple steel stand for the whole semi-automatic line.

FILM SUPPLY ROLL SHAFT (OPTIONAL)

Extra Film Supply Roll Shaft for quicker film replacement.

*Important – the machine must be operated either with a RU 530 or with a Jogger 530.



Optional Jogger



Optional Reception Unit



Optional Modular stand



Optional Supply Roll Shaft

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Max Speed	36' / min	Temperature Control	176° - 248°F
Feeding	Manual	Power Supply	230 V AC, 50-60 Hz
Separation	Automatic	Power	1500 W
Paper Weight	115 - 350 gsm	Floor space (w x l)	39" x 99"
Main Rollers Pressure	Coil Springs	Weight	377 lbs
Min. Sheets Size (w x l)	11.8" x 9.8"	Modular Stand MS520	Optional
Max. Sheets Size (w x l)	20" x 29"	Reception Unit 530	Optional
Max. Performance	950 19.7" x 27.8" sheets / h	Jogger 530	Optional
Warming up Time	5 min		

