



FOLIANT 520HP

FOLIANT 520HP is a simple manual laminating machine designed with an operating width of 20.4". It represents an ideal choice for professional, in-house single-sided lamination in small offset and digital print shops printing and processing sheets up to 19.7" x 28.8". Maximum speed is up to 36 ft/min.



The machine's main feature is its small floor space (35 " x 46"), one single phase 220 – 240 V supply cable, a nice design and easy machine operation. The Modular Stand is supplied optionally.

LAMINATOR

The FOLIANT 520HP laminator's maximum sheet size is 20" x 29" (the length of the laminated sheets is not limited, in practice lamination is ~ 35.4"). The minimum sheet size is 11.8" x 9.8" (A4). The roll of 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 unit.

SEPARATION

The FOLIANT 520HP's separation is manual. Due to perforation (standard equipment) of film, the process is easy. The machine can be upgraded with a separator at any time.

FEEDING

The FOLIANT 520HP is a manual 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 BOPP films (24 – 42 microns).

OPTIONS:

MODULAR STAND MS 520

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

FILM SUPPLY ROLL SHAFT

Extra Film Supply Roll Shaft for quicker film replacement.



Optional Modular stand



Optional Supply Roll Shaft

Foliant 520HP			
Max Speed	36' / min	Warm Up Time	5 min
Feeding	Manual	Temperature Control	176° - 248°F
Separation	Manual	Power Supply	230 V AC, 50-60 Hz
Paper Weight	115 - 350 gsm	Power	1500 W
Main Rollers Pressure	Coil Springs	Floor Space (W x L)	35" x 46"
Min. Sheets Size (W x L)	11.8" x 9.8"	Weight	231 lbs
Max. Sheets Size (W x L)	20' x 29'	Modular Stand	Optional
Max. Performance	950 19.7" x 27.8" SPH		

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