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FOLIANT 520TS

The **FOLIANT 520TS** is a simple semiautomatic laminating machine (laminator, separator) designed with an operating width of 520 mm. It represents an ideal choice for a professional in-house single side lamination in small offset and HP Indigo printing shops printing and processing sheets up to B2+ size (the largest format is 52 x 74 cm). **Maximum speed is up to 7 meters/min.**



The machine's main feature is a small floor space, one single phase 220 – 240 V supply cable, a nice design and an 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 supplied as an option too. The machine requires a minimum floor space of 100 x 250 cm including the RU 530.

LAMINATOR

The FOLIANT 520TS laminator maximum sheet size is 52 x 74 cm. The minimum sheet size is 30 x 25 cm (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 3000 m of the 24 - 31 microns film. The film holder unit is equipped with a trim slit and a perforating wheel.

The laminating process proceeds between two laminating rollers – an upper heated silicone roller, and a lower hard rubber pressure roller. The laminating roller is heated with an infra-red heating 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 decurl 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 520TS is a semiautomatic machine. The feeding is manual. For an easy manual feeding the laminating unit is equipped with a synchronized feeding conveyor and an adjustable side guider.

LAMINATING FILMS

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

OPTIONS

JOGGER 530 (OPTIONAL)*

It is an adjustable vibrating reception unit for the laminated sheets stocking. Its capacity is limited up to a 10 cm pile of sheets.

RECEPTION UNIT RU 530 (OPTIONAL)*

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

MODULAR STAND MS520 (OPTIONAL)

It is a simple steel stand for the whole semiautomatic line fixation.

FILM SUPPLY ROLL SHAFT (OPTIONAL)

Extra Film Supply Roll Shaft for quicker film replacement.

*Important – the machine must be operated either with a RU530 or with a Jogger530.



Optional Jogger



Optional Reception Unit



Optional Modular stand



Optional Supply Roll Shaft

Foliant 520TS

Max Speed	7 m / min	Temperature Control	80 - 120°C
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)	100 x 250 cm
Main Rollers Pressure	Coil springs	Weight	165 kg
Min. Sheets Size (w x l)	30 x 25 cm	Modular Stand MS520	Optional
Max. Sheets Size (w x l)	52 x 74 cm	Reception Unit 530	Optional
Max. Performance	600 B2 / h	Jogger 530	Optional
Warming up Time	5 min		