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# FOLIANT 520HP

**FOLIANT 520HP** is a simple manual laminating machine, 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. **Maximum speed is up to 11 meters/min.**



The machine's main feature is a small floor space (90x117cm), one single phase 220 – 240 V supply cable, a nice design and an easy machine operation. The Modular Stand is supplied optionally.

## LAMINATOR

The FOLIANT 520HP laminator maximum sheet size is 52 x 74 cm (the length of the laminated sheets is not limited, in practice lamination it is ~ 90 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 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 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 unit.

## SEPARATION

The FOLIANT 520HP is a manual machine. The separation is manual. Due to a perforation (standard equipment) the process is easy. At any time later the machine can be upgraded with a separator. More information is available at the FOLIANT 520HPS menu.

## FEEDING

The FOLIANT 520HP 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

### 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.



Optional Modular stand



Optional Supply Roll Shaft

#### Foliant 520HP

<b>Max Speed</b>	11 m / min	<b>Warming up Time</b>	5 min
<b>Feeding</b>	Manual	<b>Temperature Control</b>	80 - 120°C
<b>Separation</b>	Manual	<b>Power Supply</b>	230 V AC, 50-60 Hz
<b>Paper Weight</b>	115 - 350 gsm	<b>Power</b>	1500 W
<b>Main Rollers Pressure</b>	Coil Springs	<b>Floor space (w x l)</b>	90 x 117 cm
<b>Min. Sheets Size (w x l)</b>	30 x 25 cm	<b>Weight</b>	105 kg
<b>Max. Sheets Size (w x l)</b>	52 x 74 cm	<b>Modular Stand</b>	Optional
<b>Max. Performance</b>	950 B2 / h		