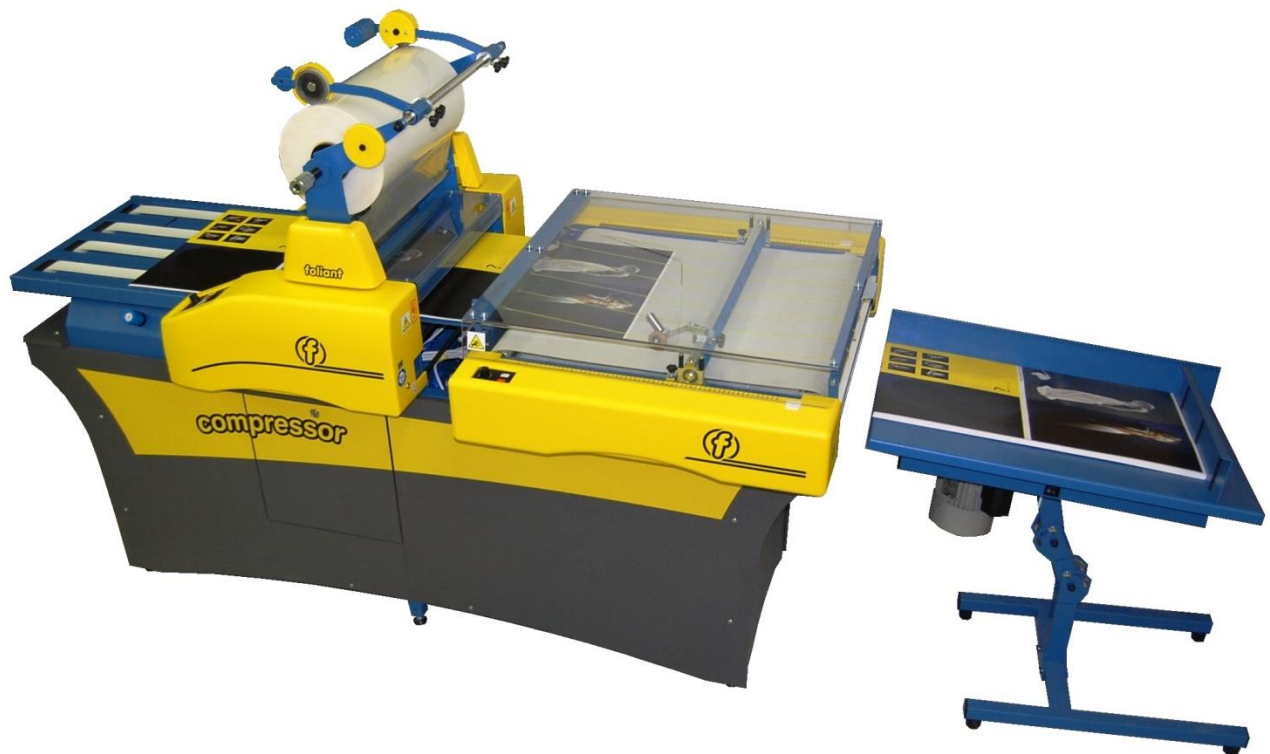




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# FOLIANT GULLIVER C 520S

The FOLIANT Gulliver C 520S is a semiautomatic industrial laminating machine (Laminator + Separator) equipped with a pneumatic system of laminating rollers pressure with an easy thrust control. A small compressor is integrated inside the machine frame. The machine has been designed with an operating width of 520 mm and it represents an ideal choice for professional single side lamination in small and medium sized printing shops. **Maximum speed is up to 15 meters/min.**



Due to a high pressure system and its size, the laminator is suitable for laminating the digital printing machines outputs laminating offset printed sheets B2+ size (the largest format is 52 x 74 cm).

The machine's main feature is a pneumatic pressure system in a heavy duty mechanism enabling to achieve a very high working pressure, one single phase 220 – 240 V supply cable, a small integrated compressor inside the machine frame (i.e. no external source of pressured air is required), a nice design and an easy machine operation.

The machine is supplied with a modular stand covered with a nicely designed side panels as a standard accessory. An **RU 530** Reception Unit and/or a **Jogger 530** for storing the laminated sheets can be supplied as an option. The machine requires a minimum floor space of 100 x 350 cm.

## LAMINATOR

The FOLIANT Gulliver C 520S laminator maximum sheet size is 52 x 74 cm. The minimum sheet size is 30 x 25 cm (A4). Manual feeding is easy due to an input front conveyor.

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 - a highly polished chrome 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 pneumatically adjustable to achieve an extra high pressure between the laminating rollers. A small compressor is integrated inside the machine frame.

The laminating unit is equipped with an adjustable decurl unit with a blade for offset printed sheets decurling. It can be optionally extended with a decurl roller, see options.

## SEPARATOR

The belt separator (sheeter) is equipped with a separating roller. The process is controlled with an extra speed control knob and a deflection wheel angle. The separated sheets are delivered into a reception unit or a vibrating jogger (options).

## LAMINATING FILMS

The machine laminates the BOPP films (23 – 42 microns) and Nylon films (max. 35 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.

### FILM SUPPLY ROLL SHAFT (OPTIONAL)

Extra Film Supply Roll Shaft for quicker film replacement.

### NON-STICKY PRESSURE ROLLER (OPTIONAL)

Standard rubber pressure roller is replaced by roller with non-sticky surface. Melted glue from film cannot stick to it even under heavy pressure. Cleaning of this roller is not necessary at all. Allows laminating sheets with windows.

### DECURL ROLLER (OPTIONAL)

Decurl roller is an additional roller placed on a decurl bar for digital printed sheets decurling (to prevent scratches on sheets printed on both sides by digital print with sensitive inks). The maximum width of laminated sheets is limited to 49x74cm.



*Optional Jogger*



*Optional Reception Unit*



*Optional Supply Roll Shaft*

\*Important – the machine must be operated either with a RU530 or with a Jogger 530.

#### Foliant Gulliver C 520S

<b>Max Speed</b>	15 m / min	<b>Power Supply</b>	230 V AC, 50-60 Hz
<b>Feeding</b>	Manual	<b>Power</b>	2500 W
<b>Separation</b>	Automatic	<b>Floor space (w x l)</b>	100 x 250 cm
<b>Paper Weight</b>	115 - 350 gsm	<b>Weight</b>	270 kg
<b>Main Rollers Pressure</b>	Pneumatic	<b>Modular Stand</b>	Included
<b>Integrated Compressor</b>	Included	<b>Reception Unit 530</b>	Optional
<b>Min. Sheets Size (w x l)</b>	30 x 25 cm	<b>Jogger 530</b>	Optional
<b>Max. Sheets Size (w x l)</b>	52 x 74 cm	<b>Non-sticky pressure roller</b>	Optional
<b>Max. Performance</b>	1300 B2 / h	<b>Decurl Roller</b>	Optional
<b>Temperature Control</b>	80 - 140°C	<b>Max. Sheets Size w Decurl roller (w x l)</b>	49 x 74 cm
<b>Warming up Time</b>	5 min		