

VBF STAHL BL 500



Reference number: 2081
Manufacturer: VBF Stahl
Model: BL 500
Year of production: 1997
Price: on request

Technical specification

One fully automatic book production line BL 500, consisting of:

1. Core Bookline RHE 525

With centrally selectable automatic adjustment system CAC/COS for the production of case-bound books.

It is possible to process both thread-sewn and adhesive-bound book blocks, with rounded or square spines, and to hang in covers with rounded or square spines.

Machine equipment:

- Electronic measuring system for format input of book block and cover into the CAC/COS system
- Adjustment motors for automatic machine setup
- Timing carriage and continuous chain conveyor system for format-retaining book transport
- Quick-change devices for interchangeable parts
- 1st gluing and gauze station
- 2nd gluing and headband/backlining station
- Pneumatically controlled forming cushions for full-surface pressing of the backlining material
- Numerical input of cutting width for gauze and backlining material
- Stepper motors for precise feeding of gauze and backlining material
- Universal divider for head or foot alignment with block rounding unit
- Cover opening station (DAS)
- Cover forming unit (spine molding), thermostat-controlled up to 300°C, with automatic lowering
- Folding-in unit and glue roller system incl. cleaning trays
- Delivery and infeed conveyor to folding-in and pressing machine

EP 608/L

Format Ranges (standard sizes)

Book block:

- Max: 270 × 380 × 75 mm
- Min: 100 × 100 × 5 mm

Finished book:

- Max: 280 × 390 × 80 mm
- Min: 105 × 105 × 5 mm (+ cover thickness)

Opened cover:

- Max: 650 × 390 mm
- Min: 210 × 105 mm

Cover thickness:

- Max: 5 mm

* With special thin-book rounding device (optional): block thickness from 2 mm possible

2. Folding-in and Pressing Machine EP 608/R

For fully automatic pressing-in of hung-in books with uninterrupted, thermostatically and pressure-controlled pressing plates for spine and cover surfaces.

Books are fed from the delivery belt of the core bookline into the EP 608.

Via a distribution table, two books are loaded simultaneously into two pressing stations and unloaded at the delivery station.

This unique and patented technical solution enables a 50% increase in mechanical cycle speed, i.e. 26 cycles at a nominal output of 52 books/min.

EP 608/R – Equipment

- Motor-driven and CAC/COS-controlled automatic adjustment of pressing jaws
- Selector switch for switching on pressing bars
- Selector switch for format adjustment
- Motorized fine correction of machine base setting during operation
- Quick-change devices for pressing bars, forming punches, and prism table
- Selector switch for EP 608 pressing cycle
- Post-forming of rounding and fitting the book block into the cover

- Control lamps for monitoring pressing bar function
- Display and monitoring of all electrical functions on control panel and CAC/COS monitor
- Digital temperature display of thermostatically controlled pressing bars
- Adjustable pressing pressure of jaws and pressing bars
- CE marking (EU standard)
- Certification by German Employers' Liability Insurance Association

Format Ranges – EP 608/R

Book:

- Max: 300 × 390 × 80 mm
- Min: 80 × 100 × 5 mm