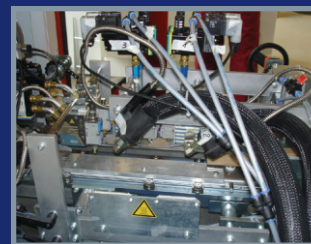
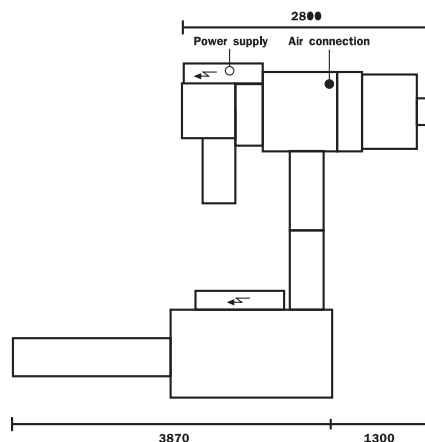


ShortRun Casing-in machine

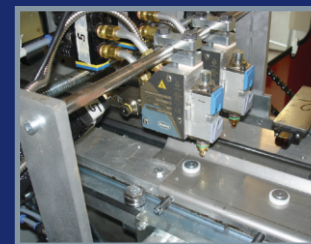
For the production of hardcover books with a square back spine.

Description

The ShortRun Casing-in machine can produce hardcover books with a square spine. The extreme short change over time, no need of make-ready parts and no necessary fine tuning makes this machine unique.



tight back



joint glue



controller for hotmelt

Building-in machine

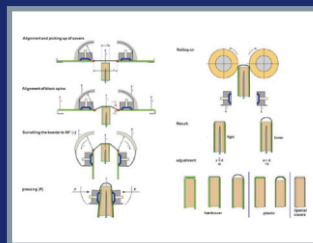
The cased-in book is then transported into the ShortRun building-in machine. In a horizontal position the book is getting aligned. A pressing plate and two temperature controlled joint forming rails do the final touch before the book is done and leaving the machine.



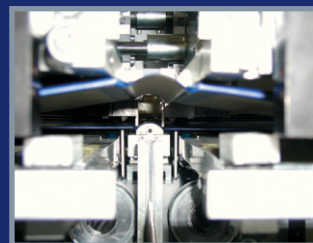
ShortRun Casing-in



infeed



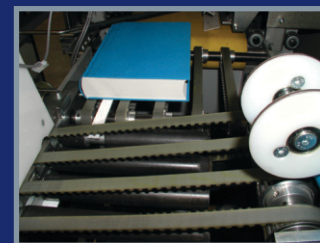
vacuum assisted rubdown



rubdown station



building-in machine



infeed building-in machine

Operation

The ShortRun Casing-in machine can produce hardcover books with a square back only.

The product data can be either adjusted manually at the corresponding station or easily entered into an optional touch screen monitor whereby the machine will adjust in seconds to its positions. No make-ready parts or fine tuning is necessary.

The optional measuring device on the infeed is taking the product thickness automatically and adjust the complete machine accordingly. First, a gate on the infeed carefully lifts the book block in the upright position, spine up.

An optional elongated section of the machine can be used for hotmelt tight back and joint gluing.

Now, the book block is opened in the center by a splitter. A single wing will pick up the book block and transport it through a pair of paste rollers.

In the meantime a case got transported from the case hopper through a preheated case station and is aligned over the paste rollers. A vacuum assisted rubdown station is transporting and holding the case in a perfect registered position while the glued endpapers of the book are getting aligned.

Special features

- No make-ready parts
- Adjustable case forming irons
- Vacuum assisted rubdown station
- Adjustable pressing force up to 8,800 lbs (4,000 kg) in building-in machine
- Reduced space requirements

Options

- Automatic, motorized make-ready via touch screen monitor or interface to a database
- Hotmelt tight back and joint gluing application

DGR North America

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ShortRun Casing-in machine



Technical Data

Format:

Book Block: max: 11 13/16" x 11 13/16" 300 x 300 mm
min: 4 23/32" x 3 9/16" 120 x 90 mm

Open Case: max: 26 11/32" x 12 3/16" 670 x 310 mm

Optional: min: 3 15/16" x 3 3/4" 100 x 70 mm

Thickness: max: 2 11/32" 60 mm

min: 5/32" 3 mm

Optional: min: 1/8" 2 mm

Speed: SingleCopy mode: up to 600 cycles/hour

Standard mode: up to 1,200 cycles/hour

Weight: 2,640 lbs 1,200 kg

Electrical power consumption: 4KW, 400V, 3 phases



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DGR Graphic GmbH

ShortRun Casing-in machine

For the production of hardcover books with a square back spine



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