



Océ

BLM550/ BLM550 PRO Book Maker

Professional finishing



A more productive, sustainable book making system

The Océ BLM550 book maker delivers high-quality, square-spined books more productively than ever before. In a single machine, it combines stitching, folding, spine forming and trimming to produce books up to 220 pages thick, even with lighter and more environmentally friendly paper stocks. Attached to an Océ production printer, the Océ BLM550 provides an elegant, state-of-the-art online book making solution. And, the BLM550 PRO version with optional book stacker - a high capacity stacking system - is available for even greater productivity in high volume environments.

Canon
CANON GROUP

A new book making standard

The Océ BLM550 is a superior book making system for digital print applications. In a single machine it combines stitching, folding, spine forming and trimming to produce square-spined books. It has fully automated settings for different book sizes including variable stitch leg length for varying book thickness.

The Océ BLM550 is a fast and cost-effective alternative to perfect binding or tape binding. It offers a maximum book thickness of 10 mm (using 55 sheets of 70 g/m² paper). That's double the thickness of conventional book making machines. This makes the Océ BLM550 ideal for books with higher numbers of pages or thicker stocks. But it's also productive when it comes to thin books. As a result, it provides a single book making solution for documents from 8 to 220 pages.

Unmatched flexibility

With today's digital print applications, you need to produce a wide range of finished books using a single process, with little or no operator intervention. No other book making system in its class is as flexible as the Océ BLM550. It requires less capital investment since one machine finishes virtually all your books. What's more, because the book maker is integrated in your production line, printed sheets require less manual handling between different finishing devices.

Consistent, high-quality stitching

The Océ BLM550 book maker has a single stitch head that inserts one to six stitches on the spine. The stitch head and clincher are static so sheets move to the stitch head and

not vice versa. Because the stitch head and clincher never have to be moved, alignment and stitch quality are consistently high. You set the position of the stitches using the graphical user interface. The stitch leg length is automatically adjusted according to the thickness of the book with no manual intervention required.

High volume book stacker for production environments

For maximum productivity in production environments, an optional book stacker can be added. This BLM550 PRO version allows you to leave your Océ printer and book maker unattended for long periods and return to find a stack of books. The stacker accommodates different sized books without adjustments and can be unloaded when the printer is still running.



BLM550 PRO version

Professional looking books

Finished books have the superior, square-spined appearance of a perfect bound book, but with the added security of a stitched spine. They lie flat and are, easy to pack, stack and handle. There's also no risk of loose pages and you can print on the spine.

Space-saving, ergonomic design

The Océ BLM550 has a significantly smaller footprint than alternative book making machines so it takes up much less floorspace. What's more, when operating online with an Océ production printer, finished books are conveniently delivered close to the normal operating position.

Specifications

Compatibility

- Océ VarioPrint 2100/2110
- Océ VarioPrint 4110/4120
- Océ VarioPrint 6160/6200/6250/6320 Ultra Line

Paper sizes

- Minimum 208 mm x 208 mm (with Océ VarioPrint 6160/6200/6250/6320 Ultra Line: 203 mm x 203 mm)
- Maximum 305 mm x 457 mm (with Océ VarioPrint 6160/6200/6250/6320 Ultra Line: 320 mm x 488 mm)

Paper weight

- 80 up to 160 g/m² normal Océ paper types
- 70 up to 250 g/m² dependent upon paper type and quality
- 60 g/m² Océ Top Mail paper

Book thickness

- Maximum finished book thickness: 10 mm (approximately 220 pages using 70 g/m² paper, or 200 pages using 80 g/m² paper)
- Maximum set thickness: 5 mm (approximately 55 sheets of 70 g/m² paper, or 50 sheets of 80 g/m² paper)

Stitching

- Single side loading stitch head
- 1 - 6 stitches
- 6 stitches allows small books to be printed 3-up and guillotined afterwards, for example
- Stitches per reel: up to 291,500

Productivity

- Optimum printer productivity when books contain at least
 - 4-10 A4 sheets, or
 - 3-6 A3 sheets
 depending upon printer
- Integrated rotator ensures maximum printer productivity (primarily for A5-size books)

Output capacity: BLM550

- 35 books of 20 sheets (80 g/m²)
- Stacker allows unloading during run

Output capacity: BLM550 PRO

- Books are stacked vertically with spine facing downwards
- 930 mm stacking capacity, approximately:
 - 400 books of 10 sheets/40 pages (80 g/m² paper)
 - 175 books of 25 sheets/100 pages (80 g/m² paper)
 - 80 books of 50 sheets/200 pages (80 g/m² paper)
- Automatically accepts different thicknesses and sizes of books: no need to unload books until the stacker is full

Dimensions: BLM550

- Width: 1,675 mm
- Depth: 1,870 mm
- Height: 1,330 mm

Dimensions: BLM550 PRO

- Width: 1,770 mm
- Depth: 2,420 mm
- Height: 1,330 mm

Weight

- BLM550: 700 kg
- BLM550 PRO: 850 kg

Power supply

200-240V; 50/60Hz; single phase

Power consumption

- In operation: 550W (maximum)
- In standby: 90W (maximum)

Key features

- Makes books from 8 – 220 pages
- Produces high quality books with a square spine
- Securely stitched books with no risk of loose sheets
- Memory for 24 jobs
- Hand feeding of sets, if necessary
- Good alternative to tape or perfect binding
- Heavy duty side-loading stitch head
- Ergonomic design
- Small footprint
- Instant-on, no warm up time
- Low power requirements
- Low consumable cost



Printing for Professionals

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