Data sheet
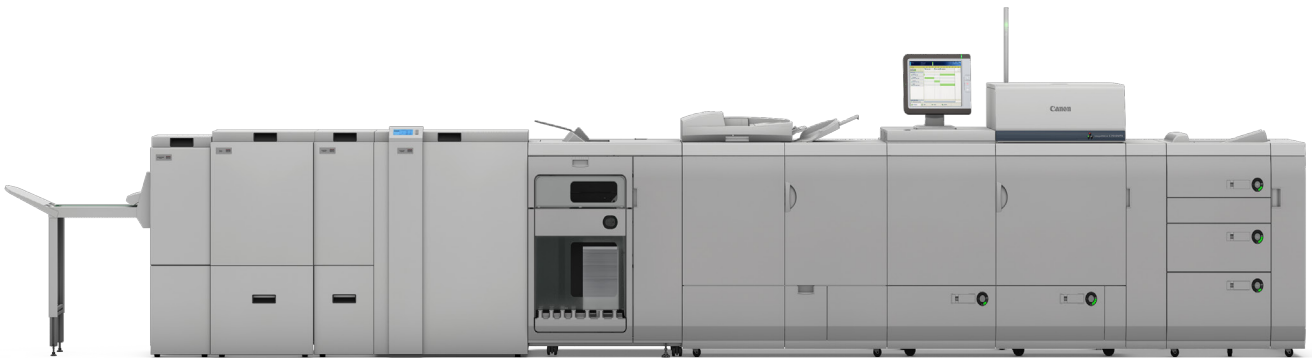
Professional Booklet Maker BLM300(C)

Finishing solutions that add value to your business

- **Patented Colour Fold Module to optimise handling of colour and coated media**
- **Modular system for customised solutions**
- **Choice of 25- or 30-sheet Booklet Maker**
- **Automatic switching between two jobs (for example A3 to A4 jobs)**
- **Dynamic system: switching between booklet sizes and thicknesses requires no operator intervention**
- **Professional 'top and bottom' trimming; precisely trims the booklet from both sides at once**
- **Uses staple cassettes (one cassette consists of 5,000 staples)**
- **Productivity: up to 100K booklets per month**

This system is designed for online use behind the Canon/Océ Colour and Black & White cut sheet printers. The machine can be used online behind various Canon and Océproduction printers equipped where an F1 High Capacity Stacker is fitted. To run colour printed media choose the SDD BLM300C Booklet Maker System with the "Colour Fold Module" option built in.

Full colour brochures, manuals, reports and policy documents, for example, can be quickly printed and finished in one streamlined operation without the need for additional handling or finishing steps.

This booklet maker system is extremely flexible and easy to use and links directly online to Canon and Océ printers which significantly improves productivity and efficiency.

The BLM300C/BLM300 Booklet Maker System is a modular system comprising the RTM6940 Rotator, BLM300C/BLM300 Booklet Maker, BLT6989 Face Trimmer, STR6702 2-Side Trimmer, SFM6904 SquareFold module and BST6900 Belt Stacker.
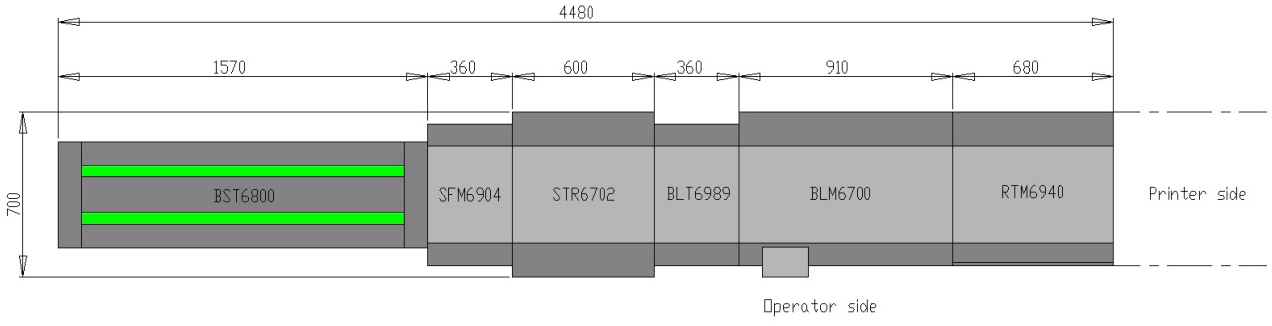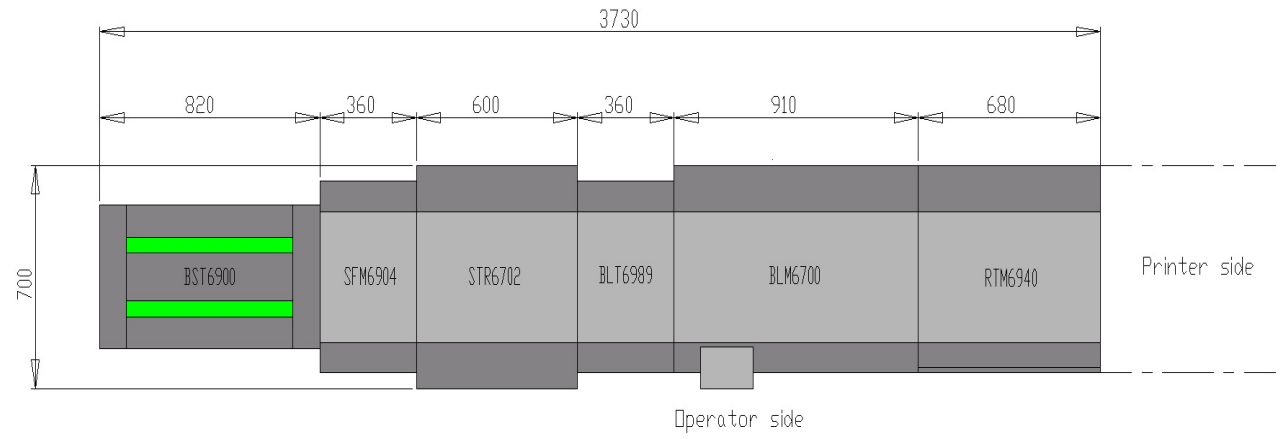
The BLM300C/BLM300 Booklet Maker System can be easily set up from the digital display. Jobs can be saved in the memory for quick recall. The system is designed with high productivity in mind, which means that it has the ability to handle long runs without any operator intervention.

Specially designed for high reliability and long production runs
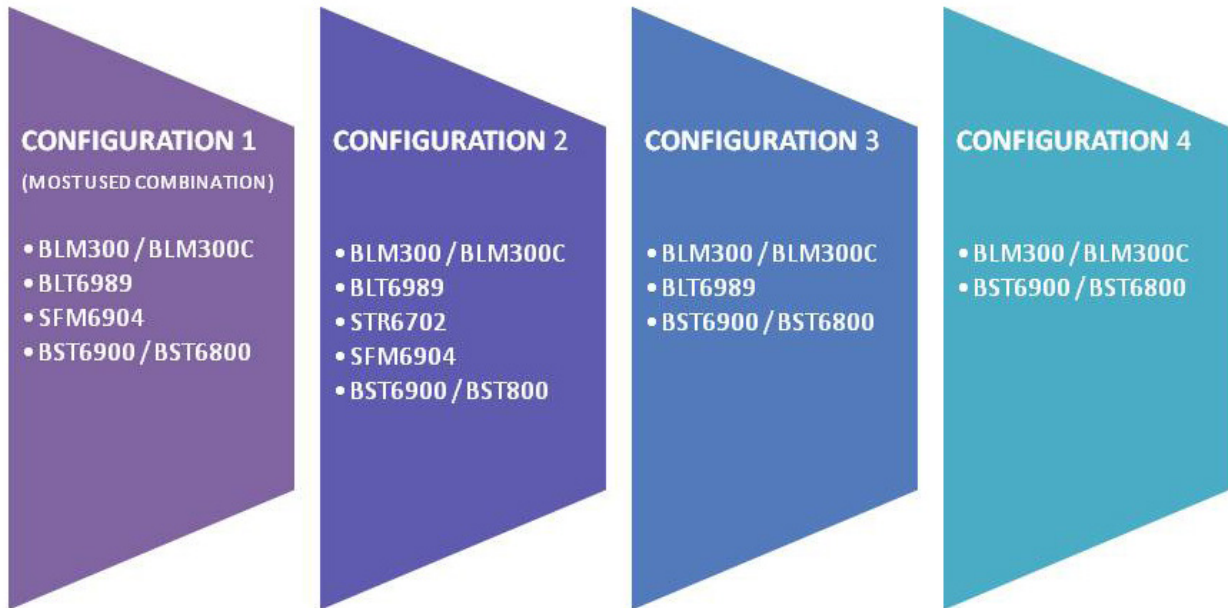
DIMENSIONS/FLOOR PLAN

3730

| 820 | 360 | 600 | 360 | 910 | 680 |

700

| BST6900 | SFM6904 | STR6702 | BLT6989 | BLM6700 | RTM6940 |

Printer side

Operator side

4480

| 1570 | 360 | 600 | 360 | 910 | 680 |

700

| BST6800 | SFM6904 | STR6702 | BLT6989 | BLM6700 | RTM6940 |

Printer side

Operator side

PHYSICAL CHARACTERISTICS

	Lenght (mm)	Width (mm)	Height (mm)	Weight (kg)
Rotator	680	670	1100	130
Booklet maker	910	680	1220	175
Trimmer	360	600	1100	85
2-Side Trimmer	600	700	1200	215
SquareFold	360	600	1100	65
Conveyor Stacker (short, standard)	820	450	1000	20
Conveyor Stacker (long, option)	1570	450	1000	25

The BLM300(C) System requires 400 mm of additional floor space at the front and rear side of the machine for installation, operation and maintenance.
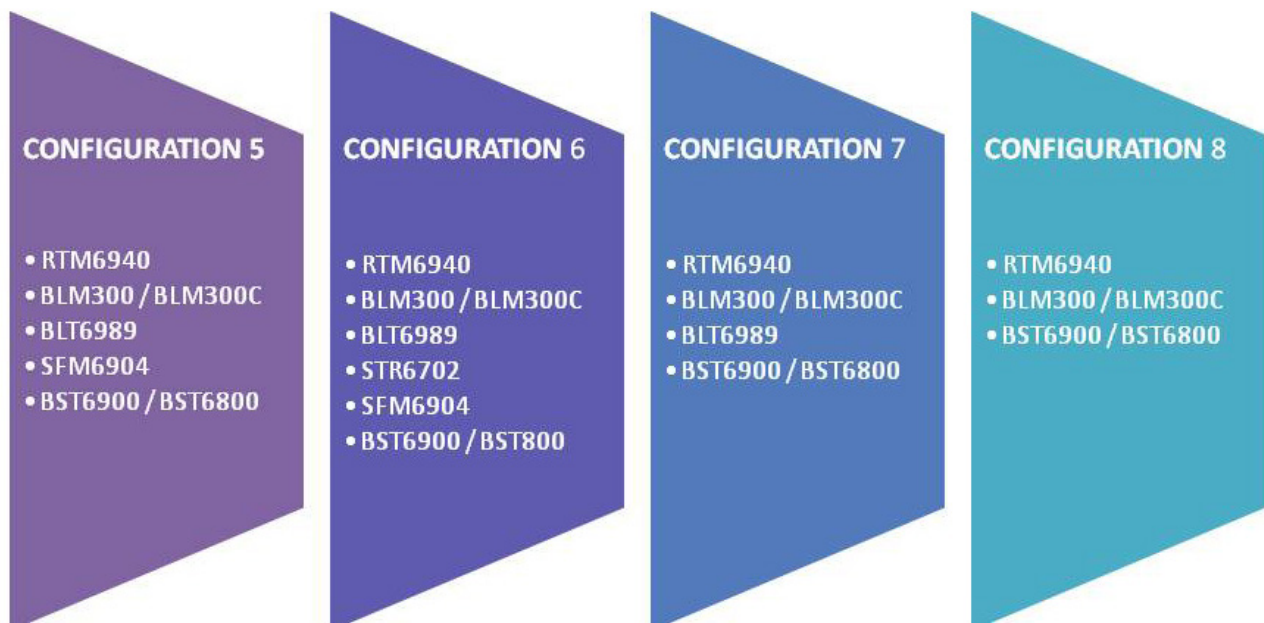
- **RTM6940** **Rotator module**
- **BLM300C/BLM300** **Booklet Maker module**
- **BLT6989** **Front Trimmer module**
- **STR6702** **2-Side Trimmer module**
- **SFM6904** **SquareFold module**
- **BST6900** **Short Conveyor Stacker module (included in all configurations)**
- **BST6800** **Long Conveyor Stacker module (option)**

BLM300 / BLM300C Booklet Maker System configurations:

CONFIGURATION 1
(MOST USED COMBINATION)

- BLM300 / BLM300C
- BLT6989
- SFM6904
- BST6900 / BST6800

CONFIGURATION 2

- BLM300 / BLM300C
- BLT6989
- STR6702
- SFM6904
- BST6900 / BST800

CONFIGURATION 3

- BLM300 / BLM300C
- BLT6989
- BST6900 / BST6800

CONFIGURATION 4

- BLM300 / BLM300C
- BST6900 / BST6800

BLM300 / BLM300C Booklet Maker System configurations including RTM6940 rotator:

CONFIGURATION 5

- RTM6940
- BLM300 / BLM300C
- BLT6989
- SFM6904
- BST6900 / BST6800

CONFIGURATION 6

- RTM6940
- BLM300 / BLM300C
- BLT6989
- STR6702
- SFM6904
- BST6900 / BST800

CONFIGURATION 7

- RTM6940
- BLM300 / BLM300C
- BLT6989
- BST6900 / BST6800

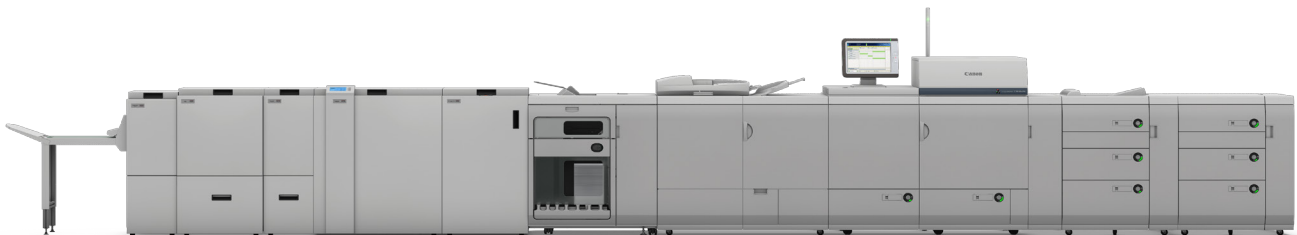**CONFIGURATION 8**

- RTM6940
- BLM300 / BLM300C
- BST6900 / BST6800

System works from right to left
Paper input height: 1020 mm

Canon imagePRESS C7010VPS, C7010VP,
C6010VPS, C6010VP, C6010S
Océ VarioPrint 115-140
C600, C700, C800, C750, C850
C8000VP, C10000VP

SDD BLT6989 Front Trimmer
SDD STR6702 2-Side Trimmer
SDD SFM6904 SquareFold Module
SDD BST6900 Belt Stacker (75 cm)
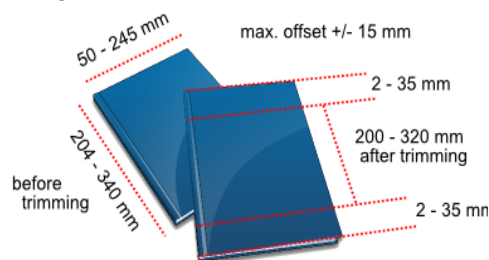SDD BST6800 Belt Stacker (150 cm) optional

Obtain the look and feel of first class booklets! Squarefold booklet gives a perfectly flat finish with a square spine.

By printing on the spine it is possible to reproduce a professional magazine or book-like finish, which considerably enhances the booklet appearance.

The STR6702 2-Side Trimmer

50 - 245 mm
204 - 340 mm
before trimming
max. offset +/- 15 mm
2 - 35 mm
200 - 320 mm after trimming
2 - 35 mm

For booklets of 20 sheets or more always use 120 g/m² (or higher) cover sheets for optimum runnability.

The STR6702 2-Side Trimmer when combined with a BLM300 can accept and trim a booklet with a maximum thickness of 5 mm (approximately booklet of 25 sheets 80 g/m² paper, depending upon toner used density and the paper quality).

The STR6702 2-Side Trimmer when combined with a BLM300C can accept and trim a booklet with a maximum thickness of 6 mm (approximately booklet of 30 sheets 80 g/m² paper, depending upon toner used density and the paper quality).

Maximum sheet size (online)	**320 mm x 470 mm**
Minimum sheet size (online)	**203 mm x 248 mm**
Maximum sheet size (offline)	**320 mm x 470 mm**
Minimum sheet size (offline)	**140 mm x 248 mm**
Maximum booklet thickness BLM300	**25 sheets (100 pages) using 80 g/m² paper**
	(when 2-Side Trimmer connected)
	32 sheets (128 pages) using 60g/m² paper
Maximum booklet thickness BLM300C	**30 sheets (120 pages) using 80 g/m² paper**
	(when 2-Side Trimmer connected)
	32 sheets (128 pages) using 60 g/m² paper
Block and Edge stapling in Booklet Maker	***up to 36 sheets A4 of 80 gsm***
Maximum paper thickness	**240 g/m²**
Minimum paper thickness	**60 g/m²**
	(note: minimum 80 g/m² required for 1-sheet folding only)
Rotator paper sizes	**A4 / 8.5" x11" (Letter)**
Face Trimming	**Adjustable from 2 mm up to 16 mm**
	(recommended range is from 4 up to 12 mm)

* Maximum trimmed length is 220 mm (booklet length).

* * Minimum trimmed length is 120 mm (booklet length).

Side Trimming	**Side trimming 2 mm till 35 mm from top and from bottom side from the booklets**
	***2-Side Trimmed booklet width range is 200-320 mm
SquareFold module	**5 modes to ensure a professional square-spine finish**
Conveyor Stacker	**BST6900 75 cm (standard) Conveyor Stacker**
Conveyor Stacker	**BST6800 150 cm (optional) Conveyor Stacker**
BLM300 Productivity	**up to 1,700 booklets per hour without Color Fold (printer depended)**
BLM300(C) Productivity	**up to 1,100 booklets per hour with Color Fold (printer depended)**
System dimensions	**3730 mm with short Conveyor Stacker**
	4480 mm with long Conveyor Stacker
Power	**230V, 50 Hz / 120V, 60Hz**