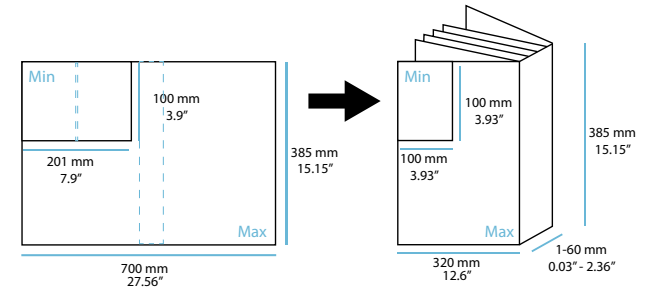


Bourg Binder

BB3102 EVA/PUR-N/PUR-C

The BB3102 is a fully automated perfect binding system aimed at short-run and on-demand production environments. The BB3102 combines the proven BB3002 driven at constant maximum speed with the new Bourg Book Loader (BBL), making it possible to produce a wide variety of bound softcover books, from traditional or digital print streams, with minimal operator intervention.

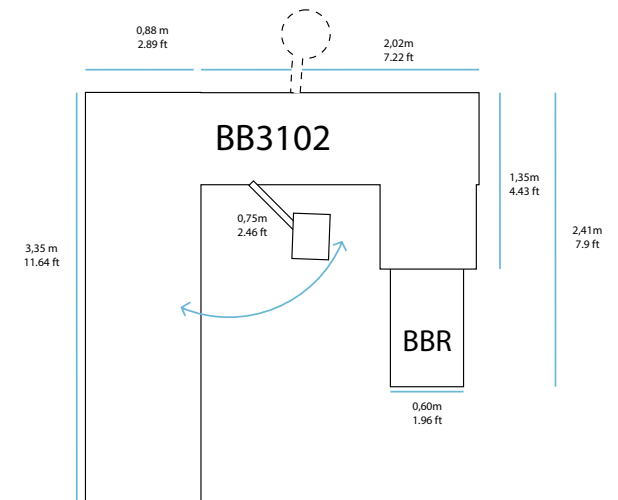
MEDIA / SHEET SIZES



Maximum Speed

600 cycles/hour
400 books/hour

DIMENSIONS



POPULAR CONFIGURATIONS

BB3102 EVA / PUR-N / PUR-C*



*preferred for digital

Features	Advantages	Benefits
Loading tray	<ul style="list-style-type: none"> In just a few minutes, the operator can load up to 120 book blocks into the machine 	<ul style="list-style-type: none"> The operator has 8-25 minutes of free time to perform other tasks while the machine runs autonomously
Continuous book block feeding module¹	<ul style="list-style-type: none"> The BBL clamp automatically feeds book blocks into the machine's jogger plate 	<ul style="list-style-type: none"> The machine runs at constant maximum speed
Automatic variable thickness processing	<ul style="list-style-type: none"> The BBL's pallets can be adjusted in order to load books of varying thickness: 1-60 mm (0.04-2.36 in) 	<ul style="list-style-type: none"> The machine binds books of variable thickness without operator intervention
Graphical User Interface (GUI)	<ul style="list-style-type: none"> User-friendly industrial grade color touch screen Single GUI for entire finishing line can be connected wirelessly to any tablet, smartphone or computer 	<ul style="list-style-type: none"> Control your entire finishing remotely Remote diagnostics, statistics and much more
Superior milling and notching²	<ul style="list-style-type: none"> Milling wheel with notching tool for EVA applications 	<ul style="list-style-type: none"> Ensures deep glue penetration for maximum cover adhesion
Connectability	<ul style="list-style-type: none"> Challenge Machinery Trimmer 330 and 130 series Bourg Book Reception module 	<ul style="list-style-type: none"> Connectable to a trimmer In-Line, Near-Line or even Off-Line
Knife creasing	<ul style="list-style-type: none"> Up to 13 positive/negative cover creases 	<ul style="list-style-type: none"> Highest quality creasing Able to create winged books
Automatic barcode scanning³	<ul style="list-style-type: none"> Each book block and cover will be scanned in order to guarantee book integrity No setup required 	<ul style="list-style-type: none"> Each job is checked in order to avoid reprints, also records each job for job tracking No manual job setup
Available in EVA and PUR glue	<ul style="list-style-type: none"> EVA: 3 cylinder glue tank PUR: Nordson applicator 	<ul style="list-style-type: none"> Professional quality glue application
Upgrade from BB3002	<ul style="list-style-type: none"> Upgrade your BB3002 to a BB3102 with the Bourg Book Loader 	<ul style="list-style-type: none"> Benefit from all the unique features of the BB3102 leading to increased productivity
Safety barrier⁴	<ul style="list-style-type: none"> Optical sensors guarantee operator safety while loading Jobs are automatically processed when removing hands from loading area 	<ul style="list-style-type: none"> Increases productivity and ease of operation while guaranteeing operator safety

INCLUDES ALL THE FEATURES, ADVANTAGES AND BENEFITS OF THE STANDARD BB3002



TECHNICAL SPECIFICATIONS

Media

Cover Size

Minimum size	100 x 201 mm (3.93 x 7.91 in)
Maximum size	385 x 700 mm (15.15 x 27.56 in)
Weight	80 to 300 gsm

Content

Minimum size Perfect binding BB3002 Off-Line	100 x 100 mm (3.93 x 3.93 in)
Minimum size Padding BB3002 Off-Line (Off-line)	195 x 127 mm (7.7 x 5 in)
Minimum size BB3102	385 x 320 mm (15.2 x 12.6 in)
Thickness	1 to 60 mm (0.03 to 2.36 in)
Weight	60 to 160 gsm

Physical

Weight	1,150 kg 2,500 lbs
Glue Temperature Range	130 to 180°C
Cover Station Capacity	80 mm (3.15 in)
Loading Capacity	120 book blocks
BBR Capacity	700 mm (27.56 in)

Electrical / Acoustic

Power supply

BB3002 Off-Line	230V ±10%, 60Hz, 3 phase delta, 12A 230V ±10%, 50Hz, 3 phase delta 12A 400V ±10%, 50Hz, 3 phase star, no neutral needed, 12A
Bourg Book Loader	230V ±10%, 50Hz 120V ±10%, 60Hz

Operational mode

Power consumption	4300 W
Radiant Heat	13 700 BTU/h
Sound level	75 dB

Standby mode

Power consumption	1500 W
Radiant Heat	5,100 BTU/h