

**Horizon**

# BQ-160PUR

PUR Binder



## Features

1. Suitable to produce personalized photo book production such as wedding albums and travel albums.
2. Perfect binding, tape binding and lining binding (for case binding) can be performed.
3. Up to 40 mm / 1.57" thickness of book can be produced.
4. Optional CRB-160 impact creaser can be on-line to prepare creased (up to 8 line) cover.
5. Optional VS-160 fume extractor is available for clean operation.

## True book of one PUR bound book production with simple operation.



### 1 Color Touchscreen

A graphical icon-based color touch screen is provided for easy set up and navigation. Perfect binding, tape binding and lining binding can be performed with simple select from touch screen.



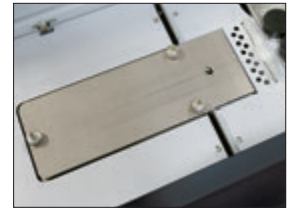
BQ-160PUR Major Specifications	
Binding Type	 Cover Binding, Tape Binding, Lining Binding
Book Block Size	 <b>Spine Length x Fore-edge Length</b> Max. 350 x 300 mm or 13.77" x 11.81" Min. 70 x 128 mm or 2.76" x 5.04" A4 / B5 / A5 / B6
Book Block Thickness	1 to 40 mm or 0.04" to 1.57"
Cover Size	 <b>Length x Width</b> Max. 350 x 640 mm or 13.77" x 25.19" Min. 70 x 256 mm or 2.76" x 10.08"
Cover Weight Range	82 to 302 gsm or 22 to 80 lb
Recommended Glue	PUR
Glue Temperature	100 to 140 °C (212 to 284 degrees Fahrenheit)
Cycle Speed	Max. 180 cycles per hour (Cover Binding) (Operator's working time is not included) Max. 120 books per hour (Tape Binding) Max. 100 books per hour (Lining Binding)
Voltage/Frequency	Single Phase 115 to 120 V, 50 or 60 Hz Single Phase 220 to 240 V, 50 or 60 Hz VS-160 (option) : Single Phase 115 to 120 V, 50 or 60 Hz, 2.9 A Single Phase 220 to 240 V, 50 or 60 Hz, 1.1 A
Rated Current	Single Phase 115 to 120 V, 50 or 60 Hz, 5.6 A Single Phase 220 to 240 V, 50 or 60 Hz, 2.5 A
Machine Dimensions	W1,430 x D605 x H1,335 mm or 56.3" x 23.9" x 52.8" (without the Exhaust Duct Kit)
Machine Weight	230 kg or 507.1 lb

\*The machine design and specifications are subject to change without any notice.

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### 2 Book block production for Case binding

2nd Level plate is available for lining bound book block production. End paper can be added here after notching process so that lining bound book can be produce in single pass.



### 3 Notching station

The double pass notching system produces strong book binds. Notching can be easily set ON or OFF from the touch screen. Notching cutter is specially designed for PUR glue binding so that notching cutter performs very fine pitch roughening.



### 4 Glue tank

Glue amount and cut off can be controlled from the touch screen. Teflon coated cassette style glue tank is very easy to clean. Glue tank clearing station is prepared for easy cleaning.



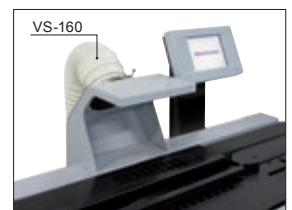
### 5 Nipping station

Strong Nipper mechanism ensures to strong and clean look book. Nipping pressure, Nipping height, Nipping time, Nipping waiting time and Nipping angle can be adjusted from the touch screen.



### 6 Fume extraction (VS-160): Option

Optional fume extraction blower can be equipped for clean and comfortable operation. Extraction hood is equipped as standard for easy arrangement of evacuation at shop floor.



### 7 Creaser (CRB-160): Option

Optional CRB-160 impact creaser can be on-line to prepare creased (up to 8 line) cover.



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