

PERFECT BINDER

# BQ-260



STATE-OF-THE-ART TECHNOLOGY  
FOR  
THE SCIENCE OF BOOKBINDING

**Horizon**  
B i n d t r o n i c s

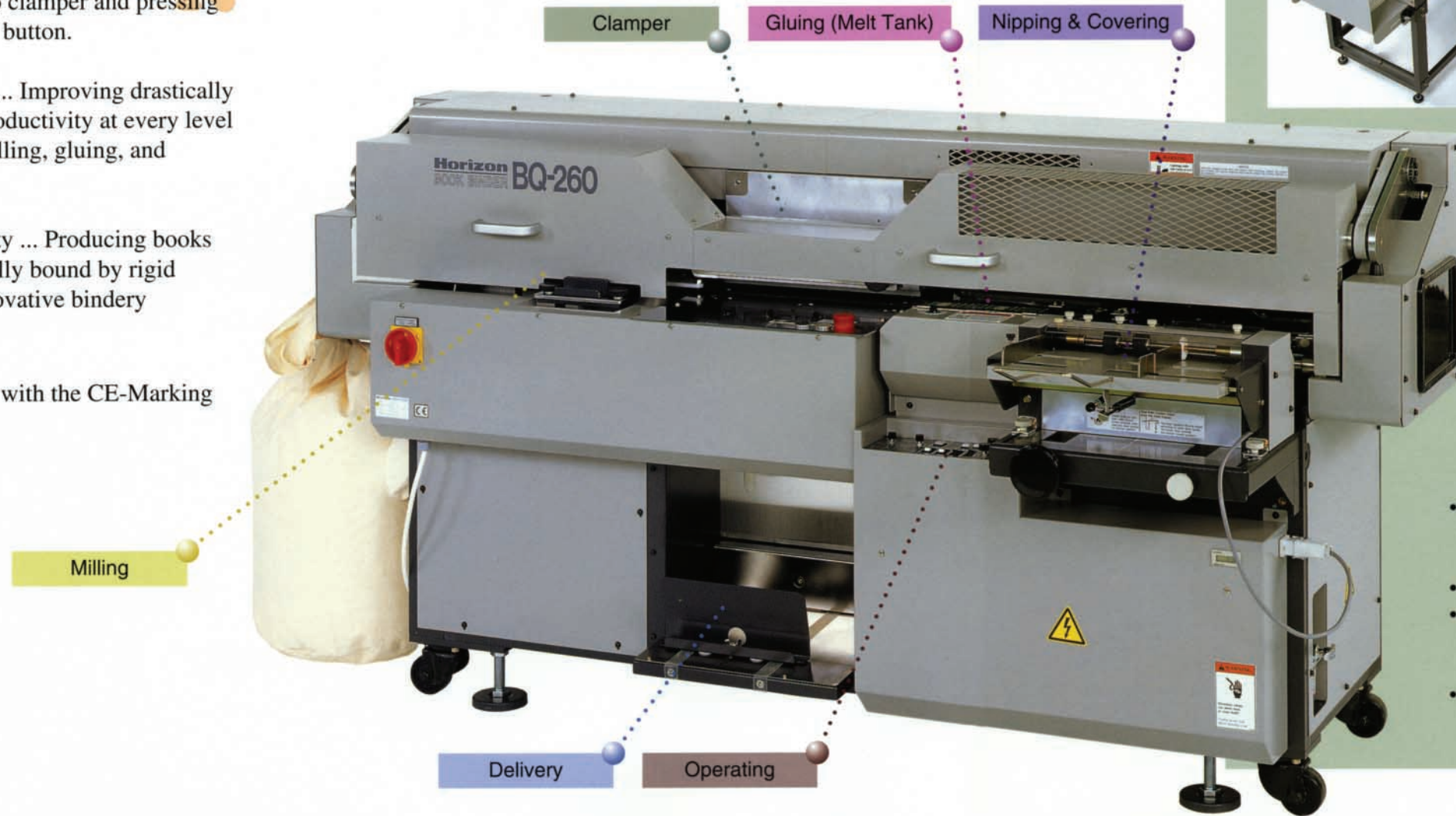


# Perfect Binder

Quality Perfect Binding through Simple Operation by Single Operator

*Horizon BQ-260 is most productive perfect bookbinder for short to medium length run. Advanced technology and safety features have been incorporated to produce high quality finished booklet.*

- Simple Operation ... Placing pregathered sheets/signatures into clamber and pressing "BINDING START" button.
- High Productivity ... Improving drastically your bookbinding productivity at every level of operation from milling, gluing, and covering.
- Professional Quality ... Producing books that look professionally bound by rigid construction and innovative bindery technology.
- CE ... Conforming with the CE-Marking safety standards.



## Options



### DV-260 Waist-Level Delivery Extension Conveyor

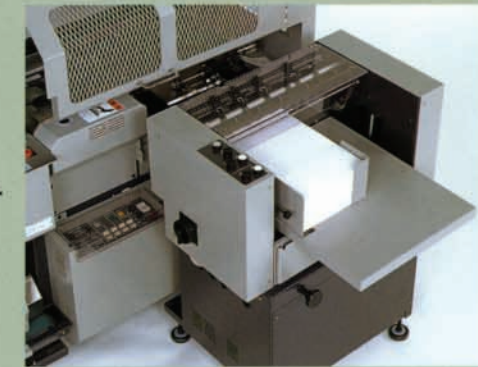
- Ergonomically designed to set the operator free from stooping to pick up finished booklets.
- Retrofittable to BQ-240/240L and BQ-220/220L.



BQ-260 + CF-260 + DV-260

### CF-260 Air-Suction Cover Feeder

- Capable of handling a wide variety of cover stocks ranging from 80 to 300 gsm.
- A cover feed pile is as high as 10 cm.
- Steady cover feeding performance by the same air suction system as those of Horizon collators.
- Retrofittable to BQ-240/240L and BQ-220/220L.



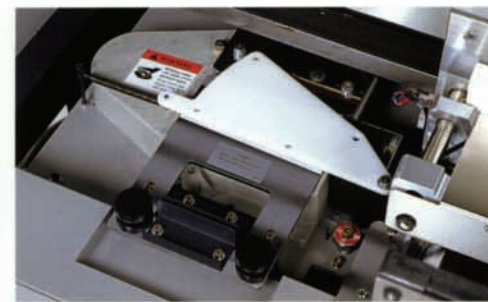
### Centrally-Located Operation Control

All operation control switches and troubleshooting monitors are located at the middle of the machine for easy operation and quick access.



### Smooth and Steady Clamper Travel

With a set of stock sheets or signatures placed and clamped in the carriage, the clamper carriage travels according to the selected operation mode: binding with milling, binding without milling, or just padding. The carriage returns to its home position bringing back the finished booklet with or without cover.



### Sufficient Milling Result

Driven by an individual motor, the rotary milling cutter and roughening blade mill off the book spine for better glue penetration and adherence. The milling depth can be adjusted within a range of 2 to 4 mm. Further, the spin thickness at the milling station can be adjusted by the exclusive knobs from the outside of the machine.



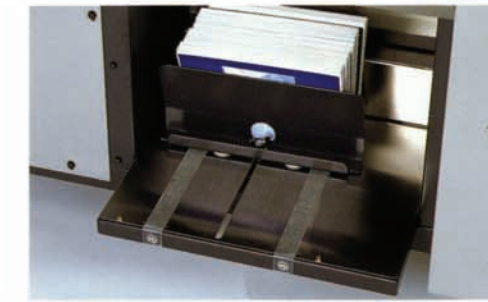
### Excellent Glue Penetration

A large-diameter application drum, with a heater built in and rotating against the booklet forwarding direction, applies sufficient amount of glue to the spine. The scrape roller creates a neat glue layer on the spine. The melt tank melts the glue in only 20 minutes before starting operation.



### Neat and Beautiful Spine Finish

Three nipping motions can be selected by the switch: binding with milling, binding without milling, or padding. The cover, set up by the automatic cover feeder, is automatically attached to the book spine by nipper pressure. The nipping and covering timings can be adjusted as needed for creating neat and beautiful spine finish.



### Easy-Access Delivery

The finished booklet is delivered to the vertical stacker just under the stock loading station of the clamper carriage so that the operator can keep constant watch on the finished booklets for swift inspection of the finished result.



## Major Specifications

<b>BQ-260</b>			
Book Size	Max. 320 x 320 mm (12.6" x 12.6") Min. 75 x 75 mm (2.9" x 2.9")	Cover Stock Pile Height Power	Max. 22 mm (0.9") 3-Phase 200 V 50/60Hz 3-Phase 220 V 60 Hz 3-Phase 400 V 50 Hz
Binding Thickness	1 to 40 mm (0.04" to 1.6")	Power Consumption Motors	3.4 kw 2.2kw x 1 0.125kw x 1 0.2kw x 1
Production Speed	Without Milling 600 books/hr With Milling 410 books/hr	Machine Weight	30w x 1 15w x 1 25w x 3 572 kg (1,261 lb)
Cover Size	Max. 650 x 320 mm (25.6" x 12.6") Min. 260 x 180 mm (10.2" x 7")		
Cover Stock Weight	Max. 230 g/m <sup>2</sup>		
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<b>BQ-260L</b>			
Book Size	Max. 400 x 320 mm (15.7" x 12.6") Min. 75 x 75 mm (2.9" x 2.9")	Cover Stock Pile Height Power	Max. 22 mm (0.9") 3-Phase 200 V 50/60Hz 3-Phase 220 V 60 Hz 3-Phase 400 V 50 Hz
Binding Thickness	1 to 40 mm (0.04" to 1.6")	Power Consumption Motors	3.4 kw 2.2kw x 1 0.125kw x 1 0.2kw x 1
Production Speed	Without Milling 520 books/hr With Milling 360 books/hr	Machine Weight	30w x 1 15w x 1 25w x 3 705 kg (1,554 lb)
Cover Size	Max. 650 x 400 mm (25.6" x 15.7") Min. 260 x 180 mm (10.2" x 7")		
Cover Stock Weight	Max. 230 g/m <sup>2</sup>		
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<b>CF-260 (Cover Feeder)</b>			
Cover Size	Max. 650 x 400 mm (25.6" x 15.7") Min. 260 x 180 mm (10.2" x 7")	Power	3-Phase 200 V 50/60Hz 3-Phase 220 V 60 Hz 3-Phase 400 V 50 Hz
Cover Stock Weight	Max. 300 g/m <sup>2</sup>	Motors	0.2 kw x 1 25 w x 1 15 w x 1
Cover Stock Pile Height	Max. 100 mm (3.9")	Machine Weight	110 kg (243 lb)

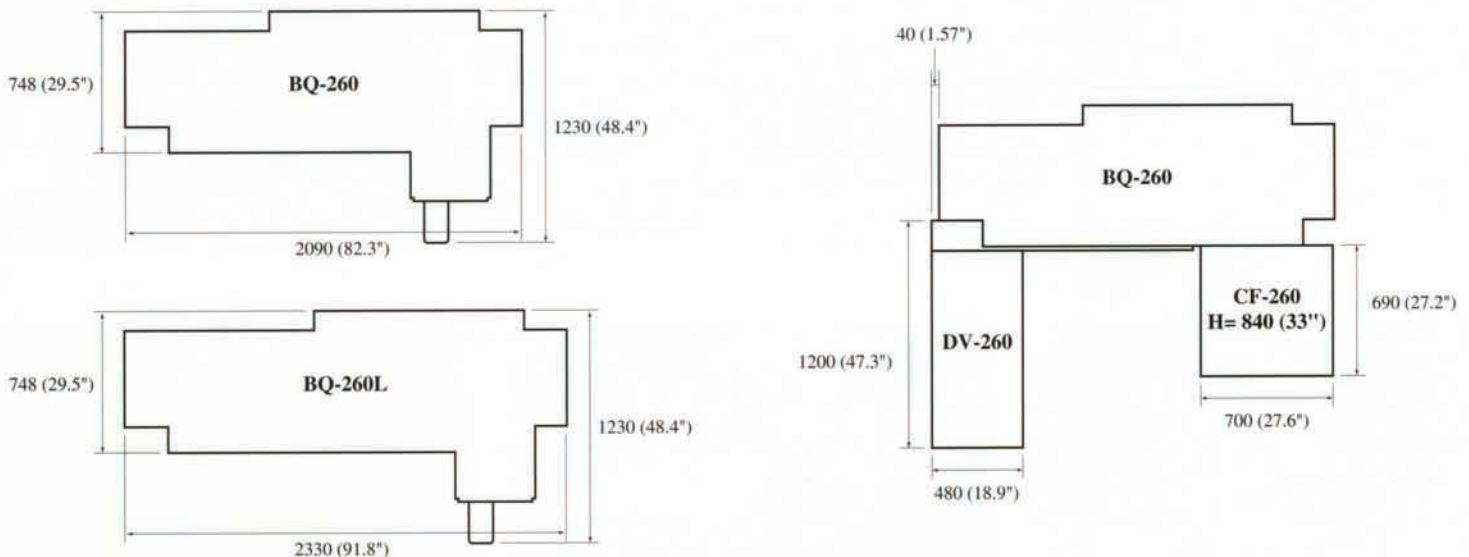
## Options

High Delivery Belt Unit : DV-260  
 Smoke Extractor : SF-35  
 Side Gluing Unit : SGU-240

## Installation Space

UNIT : mm (inch)

Height = 1220 (48.0")



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

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