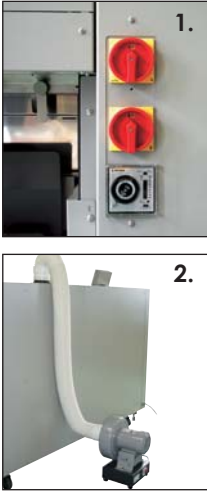


Options

- 1. Weekly Timer**
Automatic power ON timer warms up melt tank for quick starts
- 2. Smoke Extractor**
Extracts hot melt glue fumes from the top of the system.
- 3. Digital Caliper**
Automatically measure thickness of the spine.
- 4. Delivery Conveyor**
Delivers books higher for easier unloading.
- 5. Waste Canister**
High capacity milling waste canister.



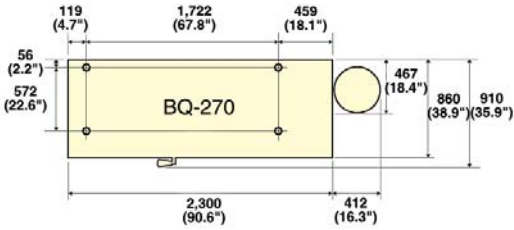
Specifications	
BQ-270	
Number of Clamps	1
Book Size (spine x fore-edge)	
Minimum	5.4" x 4.2"
Maximum	12.6" x 12.6"
Book Thickness	0.04" to 2"
Cover Size (top-bottom x fore-edge)	
Minimum	5.4" x 9.1"
Maximum	12.6" x 26"
Cover Weight Range	82 gsm to 302 gsm
Cover Pile Height	Maximum 3.1"
Warm-up Time	40 minutes
Glue Temperature	120°C to 180°C
Maximum Milling Depth	0.12"
Production Speed	Maximum 500 cycles/hr.
Power	3-Phase 220V 60Hz
Dimensions	90.6"W x 33.9"D x 49.2"H
Machine Weight	1,984.5 lbs.

As part of our continuous product improvement program, specifications are subject to change without notice.



Space Requirements

Unit: mm (inch)
Height: 1,250 (49.2") ○ ○ ○ Leveling Bolt Set Position



In-Line or Off-Line...The Choice Is Yours.

Whether you're binding a few books or thousands, there's no better choice than Standard Horizon Perfect Binders. From single to multi-clamp units, featuring manual to fully automatic setup, in-line three-knife trimming or even in-line to digital printers, every book is perfectly bound and profitable.

Standard Horizon Perfect Binders are designed for trade binderies and in-plant, instant, and commercial printers. Each one is precision-engineered to deliver optimum performance — bind after bind.



The BQ-140 Semi-Automatic Binder automatically adjusts for binding thickness for ultra-short runs with cut sheets.




The BQ-460 Four-clamp Binder with optional in-line three-knife trimmer sets the standard in performance and reliability.



The SB-06 six-clamp binder combines high productivity with quick set-ups and changeovers to produce up to 2,500 books per hour.



The BQ-340X In-line Perfect Binder combined with a high-speed laser printer to create a one-stop, quality printing and binding system.



The CABS 5000 (Computer Aided Binding System) is the most automated binding and trimming system in its class, with quick setup features and advanced control technology.



BQ-270

STANDARD HORIZON
PERFECT BINDER



The Standard Horizon BQ-270

automated perfect binder

"The Horizon BQ-270 lets us build books with digital color that exceed industry standards. The binder is rugged, reliable, and the automated changeovers are fast and easy."

KEN CHALETZKY
Copy General, Dulles, VA is an all-digital print provider with 29 locations world-wide; they recently added a Xerox DocuColor iGen3.



Produce sharp, square and even spines, with superior pull and flex test results.

Professional Quality...On Demand.

The Standard Horizon BQ-270 Perfect Binder provides simple operation, automated set-up, and superior quality from the first book to the last, without the need for a skilled operator. Book titles are accurately positioned on the spine and automatic "hinge scoring" preserves the integrity of the spine. The BQ-270 is ideal for on demand perfect binding applications.



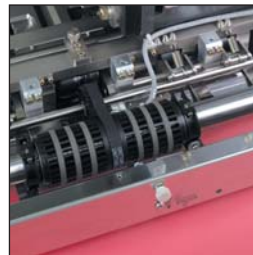
LCD Touch-screen

A simple icon-based touch-screen provides quick and easy setup with full automation. Up to 20 different jobs can be stored in memory for instant recall.



Carriage Clamp

The clamp is automatically and accurately adjusted to the input book thickness. The mechanical clamping system secures clamping of the book block for accurate milling and binding on books up to 2" thick.



Cover Feeder

An advanced rotary vacuum feed system ensures fast, smooth feeding of various stock types. Even sensitive stock and digitally imaged covers are fed without any damage to the sheet.



Vertical Stack Delivery

The finished books are delivered to a vertical stacker located just below the book loading station. This allows one operator to easily check the quality of completed books while continuing production.



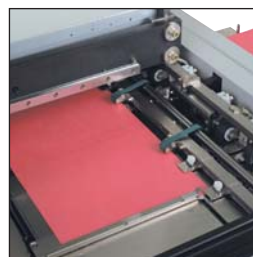
Cover Feed Table

Up to 3.1" of cover stock can be loaded into the top-feed cover station, which is positioned to accommodate in-line hinge and corner scoring.



Scoring

The scoring position is automatically set-up via the LCD touch-screen. Scoring depth is easily adjusted to accommodate a wide range of cover stocks and thicknesses. This ensures a professional, sharp, square spine.



Cover Registration

Stepper motor controlled cover register ensures accurate cover to book block positioning. Cover transport belt pressure can be adjusted through the LCD touch-screen for various sheet types.

"Our BQ-270 gives us short-run flexibility, with ultra-quick set-ups and no compromise in book quality. Horizon binders are the industry standard."

STEVE BEARDEN
Linemark Printing, Inc., Largo, MD is an offset and digital print operation that runs 24/7 with Heidelberg, Nexpress, and Indigo presses.

Features

- Set up in less than 1 minute.
- 500 books / hour.
- Cover scoring adjustment made automatically.
- Reliable, consistent feeding of a wide variety of stocks.
- Binds books from 0.04" to 2" thick.
- Superior binding strength and strong, square binds.

Quality perfect binding and advanced binding features... fully automated set-up, side gluing, and cover scoring.



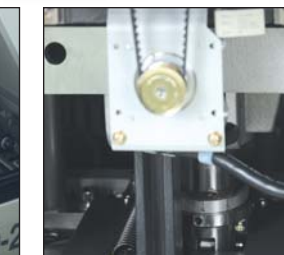
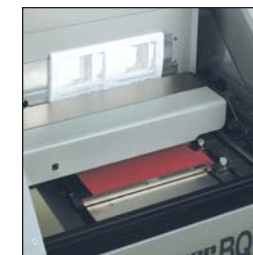
Milling & Roughening

The rotary milling and roughening blades mill off up to 3mm (.012") from the book spine for optimum glue penetration and adherence. For safe operation, the milling brake stops the blade rotation immediately when any cover is opened.



Gluing Application

Dual application and side gluing rollers ensure superior glue application. The amount of glue applied is automatically set-up and can be fine-tuned. The glue temperature can be regulated within a range from 248°F to 356°F, depending on glue type.



Nipping

A strong rigid nipping mechanism ensures the same high-quality binding as found on larger industrial book binders. Three different nipping modes can be selected from the LCD touch-screen: binding with milling, binding without milling, or padding. The nipping height is also simple and easy to adjust.