



**THE BH8000 SERIES** is a line of linear, roll-fed labelers designed for high-speed operation in the most demanding production environments. Field proven running a wide range of applications, the BH8000 Series offers durable and dependable performance which has made it one of the most popular and widely used models ever offered by B & H Labeling Systems.

#### AN INDUSTRY WORKHORSE

BH8000 labelers are designed to apply full wrap-around labels to containers at steady-state production speeds of up to 600 containers per minute (cpm). Offering reliable operation in continuous, around-the-clock production environments running both full and empty containers, the BH8000 series is widely regarded as a workhorse labeler in the Ready-to-Drink beverage category.

#### VALUE IN SIMPLICITY AND COMPATIBILITY

BH8000 linear roll-fed labelers are easier to operate, change-over and maintain than larger rotary labelers because they are less mechanically complicated. The simplicity of the linear roll-fed design drives this important advantage. BH8000 labelers also have a substantially smaller footprint than rotary labelers which saves valuable floor space. For customers that already own and operate BH8000S or BH8000U labelers, adding a new model with the same configuration reduces switching costs because change parts and a majority of spare parts are compatible.

#### BUILT TO LAST

BH8000 labelers are built to last. The vast majority of all the BH8000 labelers sold since 1991 remain in service. Their durability starts with a rugged, welded, and stress-released frame which minimizes vibration and provides a precisely engineered platform which supports the precise alignment of key machine components. Stainless steel enclosures and labeler table tops resist corrosion, even in wet environments, and contribute to the long useful life of this popular line of labelers.

#### STRAIGHT AND U-CONFIGURATIONS

Two machine configurations are offered to accommodate different line layout requirements. The BH8000S features a straight-through conveyor, and the BH8000U offers a u-shaped conveyor. Both configurations are designed and built to operate at 70 to 600 containers per minute, and both configurations are capable of running empty and full containers.



**BH8000S** and **BH8000U** labelers feature a feedscrew and pocketed starwheel for precise container in-feed metering and stabilization of containers in the labeling process.

#### BH8000 SERIES HIGHLIGHTS

- Steady state production speeds of 70 to 600 cpm
- Available in straight through or U-conveyor configurations
- Most popular model ever offered by B & H
- Durable and dependable operation with a long useful life, even in the most demanding production environments
- Servo driven BH8000 Registration Control Upgrade (RCU) offers accurate registration control and expanded trouble shooting capabilities through full color touch screen
- Rapid Change Over (RCO) change parts offer 45 minute size changeovers
- Proven Theta Cutter offers dependable performance and cutter bearing oil baths extend the life of the cutter
- Temperature-controlled glue roller with micro-adjust feature minimizes adhesive stringing, even at high speeds
- Ideal for customers with an installed base of one or more BH8000 labelers

#### CONTACT US

sales@bhlabeling.com  
+1.209.556.6160

#### B & H LABELING SYSTEMS

3461 Roeding Road  
Ceres, CA 95307  
USA

www.bhlabeling.com



**INNOVATION FOR THE LONG RUN®**

## BH8000 SERIES SPECIFICATIONS<sup>+</sup>

### BH8000S & BH8000U Models:

**Speed Range\*:** 70 - 600 CPM (containers per minute)

**Label Panel Diameter Range:**  
1.88 - 4.75 in (47.7 - 120.7 mm)

**Label Size Range:**  
Label Length (for complete wrap):  
6.28 - 15.42 in (157.5 - 391.7 mm)

Label Width:  
1.5 - 9.5 in (38.1 - 241.3 mm)

**Container Materials:**  
Plastic, glass, metal, fiberboard

**Label Materials:**  
Paper, PE, BOPP, PVC, PE and PS, in single or multi-layer structures

**Ambient Operating Conditions:**  
Temperature: 50° - 120° F (10° - 49° C)  
Relative Humidity: 10 - 90% Non-Condensing

**Electrical:**  
Main voltage: 208 - 575 VAC; 3 phase;  
Control Voltage: 24 VDC

**Air:**  
80 PSI (551 KPa) via 1/2" NPT;  
consumption approximately 15 CFM

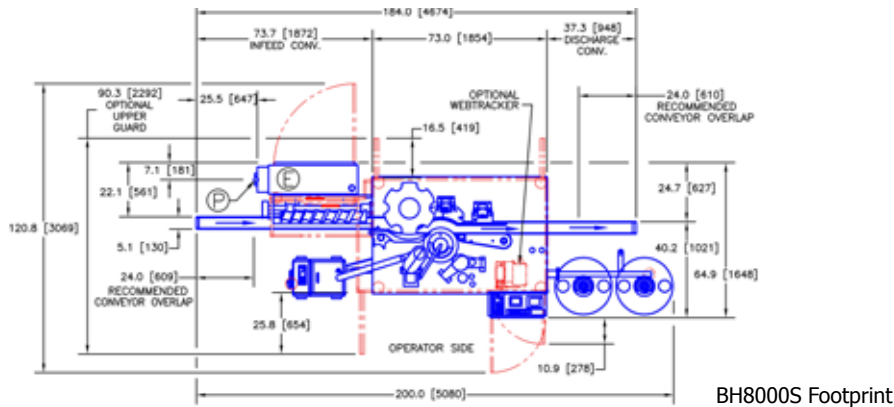
**Conveyor Configuration:**  
Straight-through or U-conveyor configurations

**Conveyor Height:** adjustable 36.5 in to 39.0 in  
(927 mm - 991 mm)

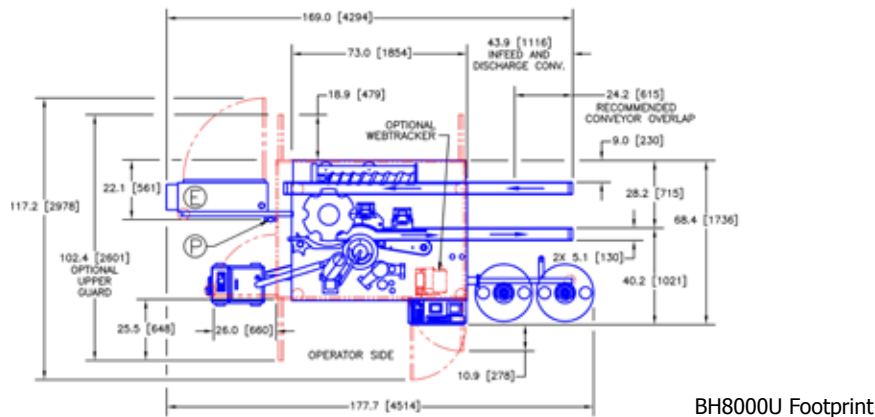
<sup>+</sup> Specifications subject to change without notice.  
<sup>\*</sup> Labeling speed dictated by cutter configuration, container type, container shape and line conditions.

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Ceres, CA 95307  
Tel: +1.209.556.6160  
Fax: +1.209.537.6854  
www.bhlabeling.com  
sales@bhlabeling.com



BH8000S Footprint



BH8000U Footprint

### GENERAL FEATURES

**CONVEYOR:** straight-through or U-shaped conveyor configurations, stainless steel, left hand feed

**TABLETOP & LOWER GUARDING:** stainless steel

**MAIN DRIVE SYSTEM:** 5 HP AC variable speed motor with frequency control and long-life belts drives

**PLC:** Mitsubishi

**HOT MELT SYSTEM:** glue wheel system

**HOT MELT TANK:** Nordson

**VACUUM SYSTEM:** Multi-valve system with independent controls

**ELECTRONIC ENCLOSURE:** built-in air conditioner

**OPERATOR CONTROL STATION:** PLC = push button and toggle switch controls; Registration System = color HMI touchscreen

**CHANGE PARTS:** color-coded, non-Rapid Changeover (RCO) change parts standard

**LUBRICATION:** manual, centralized

### CONTAINER HANDLING FEATURES

**CONTAINER INFEEED:** feedscrew with pocketed starwheel system

**AUTOMATIC LINE SPEED CONTROLS:** automatic adjustment of machine speed based on container supply at infeed and discharge

**MISSING CONTAINER DETECTION & ALARMS:** stops labeler when missing container is detected at high speed

**ROLL-ON PAD:** fine adjustment for pitch control

### LABEL HANDLING FEATURES

**REGISTRATION CONTROL:** BH8000 Registration Control Upgrade standard

**LABEL ROLL STANDS:** dual label roll stands standard

**LOW REEL ALARM:** detects low reel status and automatic alarm notifies operator

**BROKEN WEB SAFETY & ALARM:** detects broken web condition and automatically shuts down machine

**VACUUM DRUM SAFETY & ALARM:** detects missing label on vacuum drum and automatically shuts down machine

### AVAILABLE OPTIONS

#### WEBTRACKER

#### ALLEN-BRADLEY PLC

#### UPPER SAFETY GUARDING

#### RAPID CHANGEOVER (RCO) CHANGE PARTS

#### ADDITIONAL SETS OF RCO AND NON-RCO CHANGEPARTS

#### POWER CONDITIONER

#### CONTACT B & H FOR A COMPLETE LIST OF AVAILABLE OPTIONS

#### SPARE PARTS KIT