

BELL-SORT 100

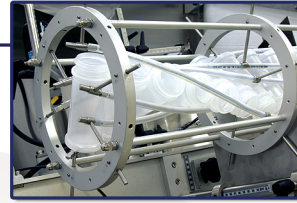
AUTOMATIC BOTTLE UNSCRAMBLER

The Bell-Sort 100 Bottle Unscrambler is an automatic bottle unscrambling system operating at speeds up to 100 cpm.

With a compact foot print, about 4' of line length, the unscrambler is simple to set-up, easy to run and fast to changeover.

Empty containers are put into the integrated large capacity hopper and are subsequently transferred by a built-in elevator to the sorting enclosure with starwheel.

Bottles settle into pockets and excess bottle build-up is relieved with a spinning brush that redistributes them throughout the unscrambling area.



Simple to Set-up

Easy to Run

Fast to Changeover



Benefits:

- All-in-one design for quick and easy installation
- Compact footprint takes up minimal space on the line
- Operator-friendly controls simplifies set-up, operation, and changeover
- Only right-side-up bottles leave the system preventing downstream mishaps
- Slip clutch protects the entire drive system
- Available with mobile option to use on multiple packaging lines

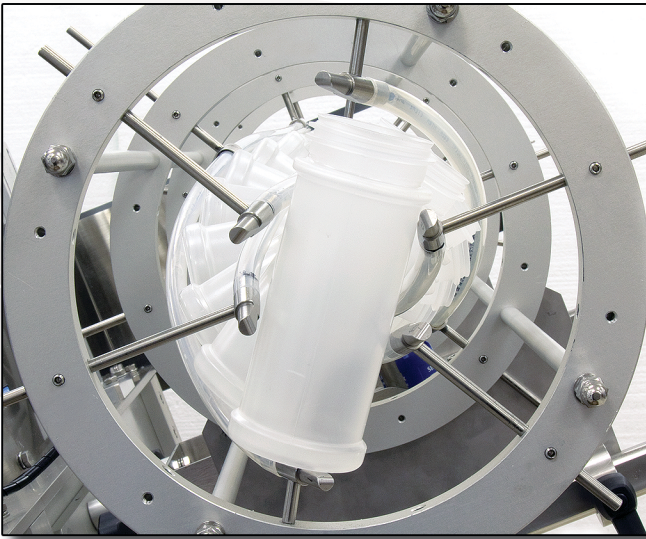
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BELLATRX

BEYOND EXPECTATIONS

BELL-SORT 100

AUTOMATIC BOTTLE UNSCRAMBLER



The Bell-Sort 100 is equipped with a sensor to detect and reject inverted bottles in the starwheel pockets. A slip clutch (torque limiter) protects the entire drive system from motor to starwheel.

Several options are available including a mobility kit that allows you to use the Bell-Sort 100 on multiple lines as well as an air blower, ionized air nozzles, a PLC upgrade, and low level hopper sensor with stacking light.

Technical Specifications:

- Machine Speed: Up to 100 bpm
- Container Types: Round, Square, & Oblong
- Containers Sizes*:
 - Min. Ø1" (25mm) x 1 3/4" (45mm) high
 - Max. Ø3 3/4" (95mm) x 7" (175mm) high
- Construction:
 - Stainless Steel, Anodize Aluminum, UHMW Plastic
 - Elevator Belt: Polypropylene, Grey rubber flights
- Power Requirements: 120 vac, 15 amps, 60 Hz (other voltages available)
- Air Requirements: 8 CFM @ 80 psi
- Dimensions: 52" (1,321mm) wide x 103" (2,617mm) long x 54" (1,372mm) high (73" (1,855mm) high with guard open)
- Machine Weight: 1,500 lbs. (680 kg.) (approximate)
- Hopper Capacity: 22 cubic feet (255 liters)

*Modifications for accommodating a wider range available as special request.

Features:

- All-in-one design with integrated hopper and elevator
- Compact footprint – about 4' of line space
- Simple, operator-friendly controls
- Tool-less changeover
- Available with air blower or ionized air
- Inverted bottle detection
- Slip clutch protected drive

Options:

- Additional Bottle Starwheel and Discharge Guide
- Container Inverting Air Blower Attachment
- Additional Size Quick-Change Container Inverter
- Ionized Air Nozzles
- 90° Bottle Exit Guide
- 220VAC - 50Hz. Supply Voltage Kit
- Mobility Kit
- AB PLC Upgrade
- Spare Parts Kit
- IOQ Documentation
- IOQ Execution
- CE Kit
- Low Level Hopper Sensor and Stacking Light

BellatRx is a leading manufacturer of packaging equipment and complete lines serving a broad range of industries including food, beverage, pharmaceutical, nutraceutical, and personal care for solid products, liquids, and powders. As part of continuous improvement, BellatRx Inc. reserves the right to change specifications at any time without prior notice.

Complete Lines • Filling • Capping • Labeling • Inspection • Recovery



BEYOND EXPECTATIONS

16/08 Bell-Sort 100