

Omega Design's

# SRP

## Servo Rotary Pocket Bottle Unscrambler

Precise. Efficient. Versatile.  
Get More Done in a  
Compact Frame



- 100% positive control of the bottle
- Premium construction and soundproofing
- Servo motion & advanced controls package
- Option to integrate advanced functions
  - Air rinse, desiccant feeding, ink or laser coding, reject handling
- Open design for easy access and cleaning
- Rapid, repeatable changeovers
- Accommodates wide range of bottles

**350<sup>+</sup>**

Bottles per minute



Changeover



Full Bottle Control



30cc  
to  
1500cc

Ideal applications: bottles, jars, tubes, vials, other

SRP shown with optional integrated desiccant feeder,  
reject station, conveyor, and swingarm for HMI.

\* Speed and changeover will vary per customer's application and options selected.

★★★★★  
**MADE IN THE USA**

Since 1969

[www.omegadesign.com](http://www.omegadesign.com)

Tel: 1 (610) 363-6555

**OMEGA**  
DESIGN CORPORATION

**UTILITIES:**

- Voltage: 208/240/480 VAC, 50/60 Hz
- Air: 8-24 SCFM @ 80 psig
- Utilities may vary per client specifications

**CONTROLS:**

- Allen Bradley PLC
- Allen Bradley Touch Screen HMI
- Allen Bradley AC Motor With VFD

**SPEED:**

- Up to 350 bottles per minute

**STANDARD FEATURES:**

- Patented rotary pockets for positive bottle control
- Servo main drive; no chains, no air clutches
- 30 cu.ft. hopper with elevator
- Jam-prevention package (paddlewheel, air jets)
- Leveling legs
- Lubed-for-Life bearings
- Sound abatement package with gasketed doors
- High efficiency air nozzles
- Electrical safety Interlocks
- Stainless steel frame

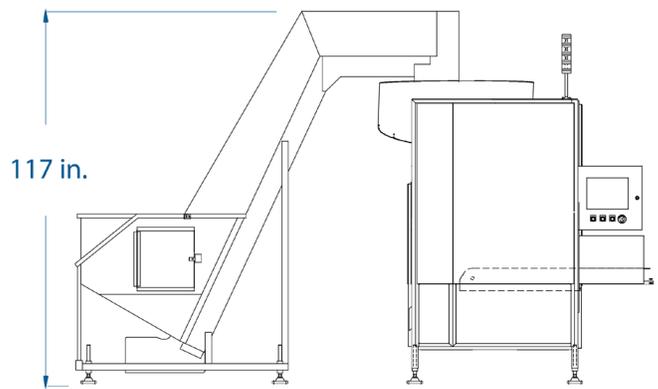
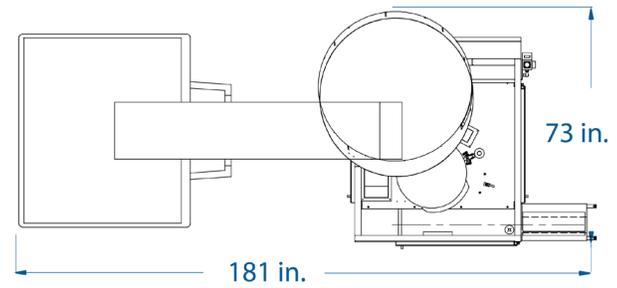
**OPTIONS:**

Ionized Air Rinsing    Ink & Laser Coding    Inspection & Data Management    Reject Handling

Desiccant Insertion    Glass Processing    Brite Stock Processing    Secondary Orientation

**ADDITIONAL OPTIONS:**

- Hopper upgrades
- Discharge conveyor and Down Bottle Reject System
- Adjustable and toolless change parts
- Class 100 Clean Room packages
- UL panel
- Validation support documentation

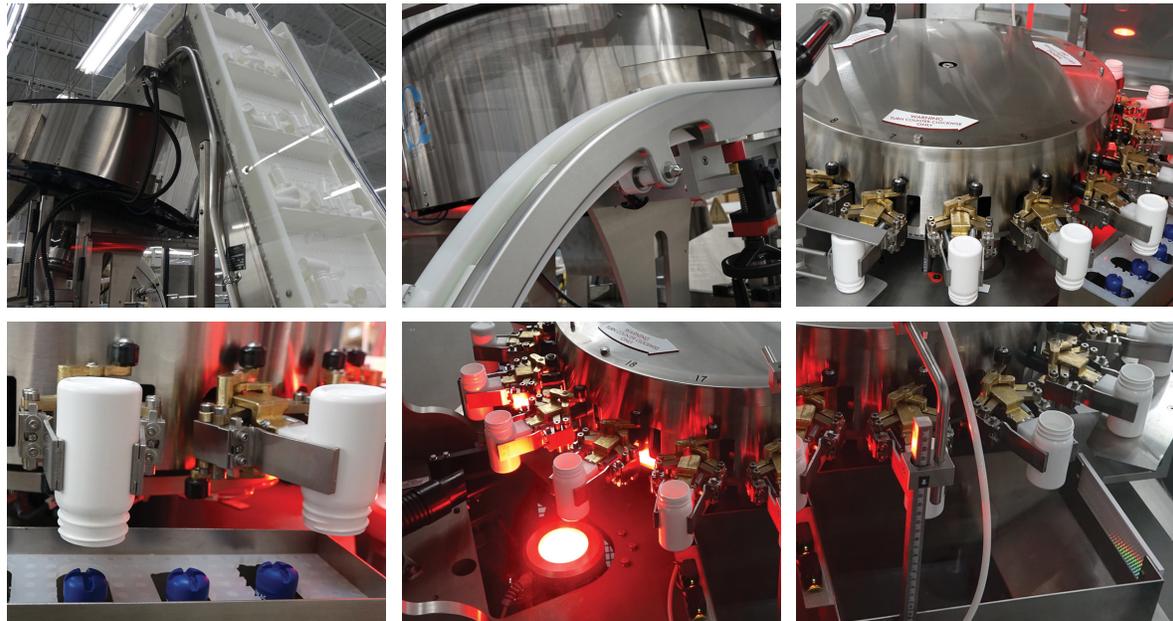


\* Layout and dimensions may vary per application.

**OPERATION:**

An operator loads empty bottles into the standalone hopper. An elevator transports the bottles to the sorter. Bottles exit through a chute. At the base of the chute, a mechanical 'hand', or rotary pocket, gently grips a bottle for additional processing and/or final orientation. The rotary pocket discharges the bottle onto a conveyor.

Images show several options integrated into the SRP, including an adjustable chute, ionized air rinse station, bottle coding station (with laser), reject station.



**Reminder** Ask about our excellent track record of on-time deliveries and industry-leading FATs. Better yet, read what our clients have to say: [www.omegadesign.com/testimonials](http://www.omegadesign.com/testimonials)