

OMEGA'S

IMPACT Series

OF PACKAGING EQUIPMENT

LCX1

Rotary Pocket Bottle Unscrambler - Entry Level



Shown with various options.

- Unscramble up to 200 bottles per minute
- 100% positive bottle control for increased reliability
- Accommodates a wide range of plastic bottles
- Rapid, repeatable changeovers

You want the gold standard without paying the gold. Well, it is time to introduce you to the IMPACT Series' patented rotary pocket system, offering unmatched bottle handling.

This automatic unscrambler can accommodate a wide range of plastic bottle shapes for all sorts of industries.



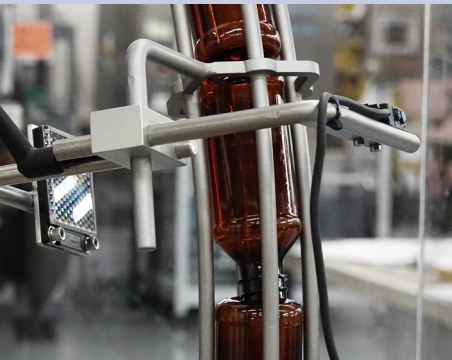
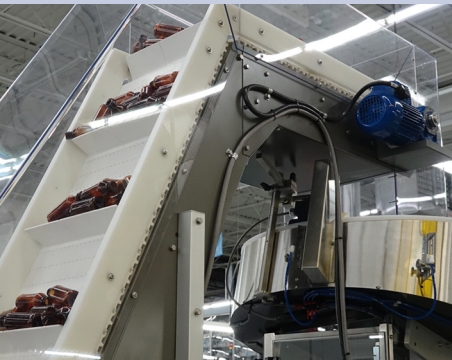
★★★★★
MADE IN THE USA



LCX1

OPERATION

An operator loads empty bottles into the standalone hopper. An elevator transports the bottles to the disc sorter. Bottles then exit into a dispensing chute. At the base of the chute, a mechanical 'hand,' or rotary pocket, gently takes control of a bottle for additional orienting and processing. The rotary pocket releases the bottle onto a moving conveyor.



UTILITIES

Electric: 208, 240, or 480 VAC at 60 Hz

Pneumatic: 80 PSIG

CONTROLS

PLC: AB Micro850

HMI: AB Panel View 800

Motor: AB PowerFlex 525 AC Drive

STANDARD FEATURES

Patented rotary cam pockets

Integrated touch screen HMI

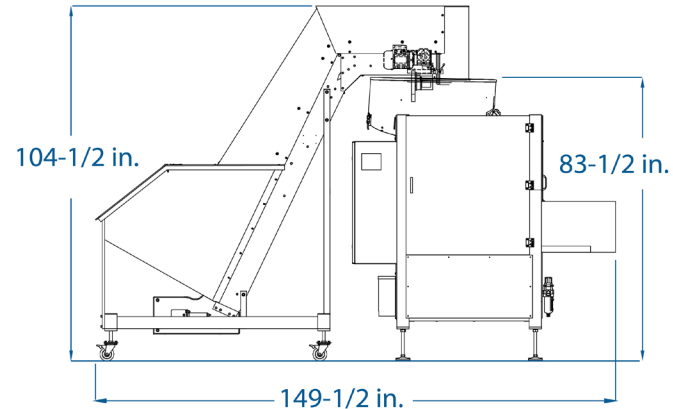
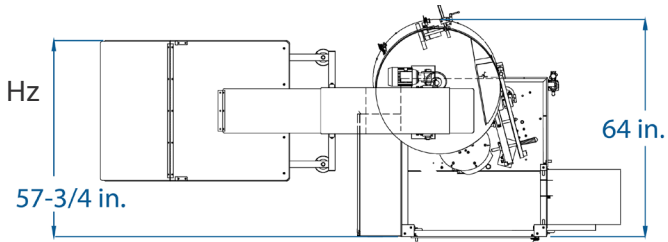
Paddlewheel

Air jets

20 cu.ft. hopper and elevator

Safety guards and interlocks

Anodized aluminum frame



OPTIONS	DESCRIPTION / BENEFIT
3-Light Beacon Tower	Increases accessibility and convenience; visual machine status
Adjustable Chute	Makes changeover quicker and more ergonomic; fewer parts
Adjustable Sorter	Makes changeover quicker; no ladder needed; fewer parts
Annunciated Alerts on HMI	Increases accessibility and convenience
Casters	Increases accessibility and convenience
Chute Sync	Material handling solution for bottles with concave bases
Discharge Conveyor	Conveyor with motor drive
Down Bottle Reject System	Added functionality; offers redundancy protection for bottles exiting machine
Hardwire Pushbuttons	Start, Stop, and Reset pushbuttons on the HMI enclosure
Hopper Agitator	Material handling solution for bottles in the hopper
Hopper Clean-Out Interlocks	Safety device to ensure hopper clean-out doors are closed
Hopper Flow Track Interlock	Increases accessibility and convenience; safety feature
Hopper Low Level Sensor	Monitors performance of the hopper
Ionized Air Rinse Assembly	Ionized air helps to remove particulate; includes low flow and low vacuum sensors
Motorized Guide Plate	Makes changeover quicker and more ergonomic
Remote E-Stop	Safety feature; increases accessibility and convenience
Tool-Less Rotary Pockets	Makes changeover quicker
UL Panel	Certified cabinet construction, components and assembly
Validation Support Package	Detailed documentation for Validation requirements

IMPACT BENEFITS



LOW COST CONFIGURATIONS

IMPACT Series requires fewer project management and engineering hours than custom-built equipment, reduces project complexity, and saves you 20-40% in acquisition costs.



DETAILED DOCUMENTS READILY AVAILABLE

Reduce your specification effort and simplify your buying experience with our Detailed Design Specification, drawings, user manuals, and validation support documentation (Test Protocol, IQOQ).



ACCELERATED LEAD TIMES

IMPACT Series provides you with a faster than normal lead time, regardless of your machine options, that is estimated at 6-10 weeks.



RELIABLE PERFORMANCE

IMPACT Series is built from precise standards, high quality parts, and leading control packages. You can trust your equipment will perform consistently, shift-after-shift.



AMAZING TECHNICAL SUPPORT

IMPACT Series comes with full access to Omega's highly praised service network and support materials. Discover the difference that fast, skilled technical service makes when you need it.

DIFFERENT PATHS FOR DIFFERENT NEEDS

IMPACT Series

CUSTOM SPECIFICATION

	CONFIGURED-TO-ORDER	ENGINEERED-TO-ORDER
	Offers the best value within a defined range of options	Offers project flexibility and a wider set of technical solutions
Pricing	Established low pricing	Project-based quote
Engineering	Minimal	As needed
Project Management	Minimal	As needed
Electrical Options	Range of options	Customizable
Mechanical Options	Range of options	Customizable
Validation Support	Range of options	Customizable
Equipment Lead Time	Accelerated delivery (Est. 6-10 weeks)	Standard delivery (Est. 16-20 weeks)
Documentation -Detailed Design Specification -User Manual -Validation Support Documents	Readily available	Standard delivery
	Best Path for Value and Performance	Best Path for Customization and Performance

BOTH PATHS PROVIDE YOU WITH THE



- Same high quality equipment
- Same access to industry-leading FAT support
- Same machine uptime reliability
- Same amazing after market technical support

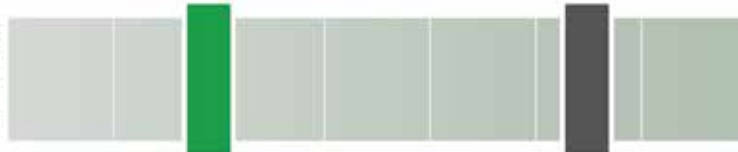
PATH COMPARISON

IMPACT Series

CUSTOM SPECIFICATION

Acquisition Cost

LOW RANGE
Within its machine category and on the market



HIGH RANGE
Within its machine category and on the market

Design Customization

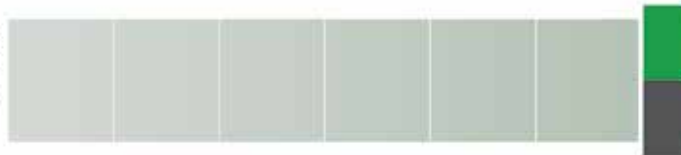
PRE-BUILT
Simple feature set;
No user design input



FULLY CUSTOMIZABLE
Advanced feature set;
Maximum user design input

Quality & Performance

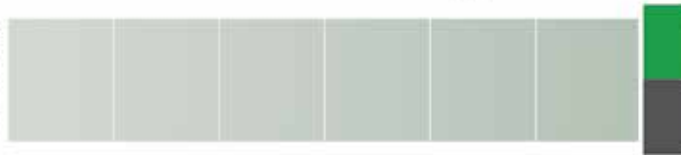
UNRELIABLE
Poor performance and/or construction



HIGHLY RELIABLE
Excellent performance and construction

Technical Support

POOR SUPPORT
Difficult-to-reach or no technical support; Poor documentation



BEST-IN-CLASS
Highly skilled and readily available technical support; Clear documentation

MAKE THE RIGHT KIND OF IMPACT

OMEGA'S

IMPACT Series

OF PACKAGING EQUIPMENT

- ✓ REDUCES ACQUISITION COSTS
- ✓ REDUCES SPECIFICATION EFFORT
- ✓ REDUCES VALIDATION EFFORT
- ✓ REDUCES LEAD TIMES
- ✓ REDUCES OPERATIONAL HEADACHES
- ✓ INCREASES TRUST IN MANUFACTURER



ANY OTHER SOLUTION MAY PUT YOUR OPERATION AT RISK:

- ✗ Speeds slower than specified
- ✗ Frequent downtime
- ✗ Unpredictable support
- ✗ Component obsolescence

THAT CAN RESULT IN

- ✗ Lost contracts
- ✗ Late penalties
- ✗ Rework and recalls