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## Container Handling Experts Since 1969

Omega Design Corp. is a global provider of innovative packaging automation and serialization solutions focusing on the pharmaceutical, nutraceutical, and consumer healthcare industries. Omega specializes in the design, manufacture, service, and support of its equipment.

### By The Numbers

- **25,000+** unique containers handled
- **3,000** solutions implemented
- Service in over **50** countries
- **42,000** square foot facility



### Great Reasons to Partner with Omega



First Class Support



Trusted By Pharma



Validation Support



Highly Praised for FATs



Safety First Design



Made in USA

### We Specialize In



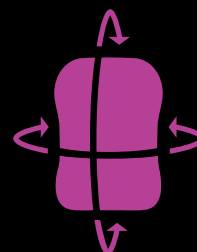
UNSCRAMBLERS



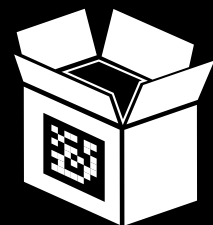
DESICCANT FEEDERS



BUNDLERS & BANDERS



ORIENTERS & HANDLING



SERIALIZATION



# UNSCRAMBLERS

PREPARING BOTTLES TO MOVE DOWN THE LINE



## SRP

Servo Unscrambler with Rotary Pockets

## LCX

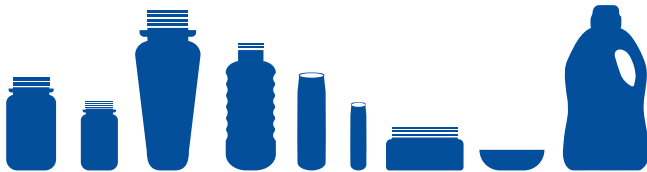
Unscrambler with Rotary Pockets

## PRP

Unscrambler with Puck Handling System

APPLICATIONS

- Sort** Unscramble plastic bottles supplied in bulk
- Position** Place, orient, gap and stabilize bottles
- Recirculate** Infeed glass bottles or brite stock (filled, unlabeled)
- Air Rinse** Remove bottle particulate with an ionized air rinse
- Print** Ink or laser code the bottoms of bottles
- Inspect** Vision system to read codes & associate serialized data
- Reject** Remove bad product before discharge
- Insert** Feed canister desiccants into bottles before discharge
- Label** In-chute bottle labeling before discharge (low speed)



Bottles, tottles, jars, tubes, vials, asymmetric containers

MODELS

### Rotary Pocket Style

- SRP** Servo Unscrambler with rotary pockets
- LCX** Unscrambler with rotary pockets
- PRP** Unscrambler with puck handling system

### Belt and Specialty Style

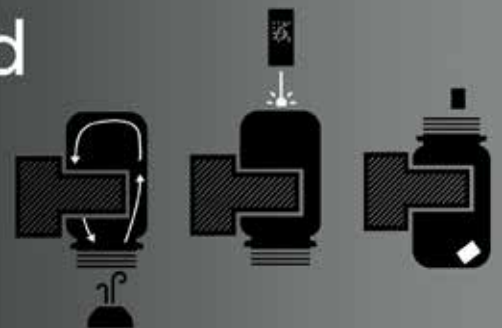
- Cyclone** Compact unscrambler with built-in hopper
- LB** High speed applications (dedicated lines)
- JH** Unscrambler with vertical sorting
- Vantage** Direct placement into puck or Monoblock
- OmegaSort** Belt-style unscrambler

Omega offers a range of models and options to meet all kinds of size, speed, and performance requirements.



## Unparalleled Precision

Rotary pocket style unscramblers maintain 100% positive control over a bottle, for reliable performance and the ability to do more within a compact frame.





# DESICCANT FEEDERS

INSERTING POUCHES AND CANISTERS INTO CONTAINERS



## OMNI-Feeder

Servo Feeder for Pouches & Canisters



## Econo PDF

Pouch Desiccant Feeder



## CDF

Canister Feeder, Star Wheel Style

### APPLICATIONS

- Pouch** Insert single or multiple drops; handles most major brands
- Canister** Insert single or multiple drops; handles most major brands
- Standalone** Inline, mobile equipment can position along conveyor
- Integrated** Integrate canister feeding inside an Omega Unscrambler
- High Speed** Dispense up to 600 pouch desiccants per minute
- Verify** High confidence dispensing with verification sensors
- Reject** Prevent reject bottles from moving downstream



Bottles, jars, trays, containers, consumer goods

### MODELS

- OMNI-Feeder** Servo Feeder handles pouches & canisters
- Pouches**
- Servo PDF** Servo controlled pouch feeder
- Econo PDF** Pouch feeder with stepper motor; no air needed
- Canisters**
- CDF** High speed, starwheel-style feeder with hopper
- CDFS** Shuttle style; fewer bottle-specific change parts
- CDFI** Low speed, indexing style canister feeder

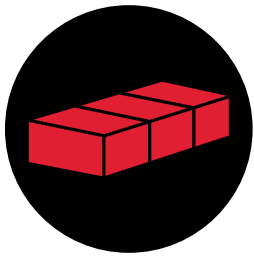
Omega offers a range of models and options to meet all kinds of size, speed, and performance requirements.



## World's Fastest Desiccant Feeder

Omega's servo-controlled OMNI-Feeder can dispense pouch or canister style desiccants at speeds up to 10 per second!





# BUNDLERS & BANDERS

COLLATING, WRAPPING & SEALING PRODUCT



## Classic DL

Shrink Bundler, Double Lane



## MMX

Servo Shrink Bundler



## Bandit

Servo Stretch Bander & Collation System

### APPLICATIONS

- Orient** Orient, rotate, and stabilize containers prior to collation
- Infeed** Left-to right, right-to-left, and inline product infeed
- Collate** Group into single or multiple lanes; form rows; stack
- Shrink Wrap** Bulls-eye bundling with shrink wrap, transparent film
- Stretch Wrap** Wrap a tight, transparent band around cartons, trays
- Discharge** Combine bundle lanes or rotate bundles after discharge

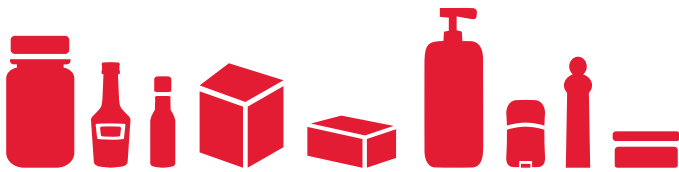
### MODELS

#### Shrink Bundlers

- Classic SL** Single lane Shrink Bundler
- Classic DL** Double lane Shrink Bundler
- Classic TL** Triple lane Shrink Bundler

#### Stretch Banders

- Bandit** Servo stretch bander & collation system (cartons)
- Tray Wrapper** Inline bander for rigid trays and packages



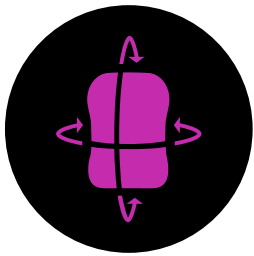
Bottles, cartons, consumer goods, novelty, trays, containers

Omega offers a range of models and options to meet all kinds of size, speed, and performance requirements.

## Built to Last

Omega's Classic Shrink Bundlers are ultra compact - smallest in its class - with sturdy, welded construction because its expected to perform reliably for generations.





# ORIENTERS & HANDLING

PRODUCT HANDLING EQUIPMENT



## Depucker

Bottle-Puck Separation & Bottle Inversion

## HFPO

Horizontal Fifth Panel Orienter

## ILAR

Inline Air Rinse System

### APPLICATIONS

- Orient** Orient and stabilize containers for downstream processes
- Invert** Invert bottles and cartons prior to discharge
- Nest** Collate and/or flip fifth panel cartons into a nested pack
- Separate** Separate bottles from stabilizing pucks with Rotary Pockets
- Handling** Timing screws, spacing belts & material handling systems
- Infeed** Systems to supply materials (bottles, desiccants, film)
- Air Rinse** Remove bottle particulate with an ionized air rinse

### MODELS

- Depucker** Bottle-puck separation and bottle inversion
- HFPO** Inline orienter for fifth panel cartons
- ILAR** Inline ionized air rinse system for bottles
- ILO** Inline bottle orienter
- PowerTwister** Inline carton inverter
- RotaryTable** Motorized glass infeed table



Bottles, glass, tottles, jars, tubes, cartons, fifth panel cartons

Omega offers a range of models and options to meet all kinds of size, speed, and performance requirements.



## Maximum Control

Fully automatic, variable speed systems for presenting containers in an optimal state for downstream operations. These machines are simple to operate and, in some instances, can be integrated into other equipment or standalone.



# SERIALIZATION

*CODING & INSPECTION, ASSOCIATING DATA & AGGREGATING CASES*



**Intelli-Code**  
Carton Coding and Inspection System



**LabelSync**  
Code Association System for Bottles



**Semi Auto Intelli-Pac**  
Serialized Case Aggregation System

**APPLICATIONS**

- Print** Print (CIJ, TIJ, Laser) directly onto bottles and cartons
- Inspect** Vision system to read codes in most orientations
- Label** Print-and-apply labels to units, bundles, cases
- Aggregate** Associate unit data with a pack or a case
- Case Pack** Case pack with varying automation and assist technologies
- Discharge** Fail-safe programming for discharging with confidence



Bottles, cartons, bundles, cases

**MODELS**

- Unit Coding
- Intelli-Sort** SRP Bottle Unscrambler with print and vision
- Intelli-Code** Serialized carton coding & inspection system
- Code Association
- LabelSync** Unit code association system for bottles
- PackSync** Unit-to-pack code association system
- Case Aggregation
- Intelli-Pac** Serialized case aggregation system
- Intelli-Print** Serialized case labeling system

Omega is vendor neutral and will work with your preferred print, vision and data management providers.



## Highest Integrity Data

*Omega adheres to 'Pack First, Then Inspect' methodology  
The industry's preferred approach to secure aggregation*



'Pack First' Process    Fail-Safe Controls    Vendor Neutral    Trusted By Pharma

# PACKAGING AUTOMATION EQUIPMENT

● Bottle Unscramblers  
 ● Desiccant Feeders  
 ● Bundlers & Banders  
 ● Orienters & Handling  
 ○ Serialization



**SRP**

Servo Unscrambler with Rotary Pockets



**LCX**

Unscrambler with Rotary Pockets



**PRP**

Unscrambler with Puck Handling System



**Cyclone**

UNSCRAMBLER WITH BUILT-IN HOPPER



**LB**

UNSCRAMBLER, FIXED POCKETS & RAILS



**JH**

UNSCRAMBLER, IN-CHUTE SORTING



**Vantage**

UNSCRAMBLER, DIRECT PLACEMENT



**OmegaSort**

UNSCRAMBLER, BELT STYLE



**OMNI-Feeder**

SERVO DESICCANT FEEDER



**Servo PDF**

SERVO POUCH DESICCANT FEEDER



**Econo PDF**

POUCH DESICCANT FEEDER



**CDF**

CANISTER DESICCANT FEEDER



**CDFS**

CANISTER FEEDER, SHUTTLE STYLE



**CDFI**

CANISTER FEEDER, INDEXING STYLE



**Classic SL**

SHRINK BUNDLER, SINGLE LANE



**Classic DL**

SHRINK BUNDLER, DOUBLE LANE



● Bottle Unscramblers  
 ● Desiccant Feeders  
 ● Bundlers & Banders  
 ● Orienters & Handling  
 ○ Serialization



**Classic TL**  
 SHRINK BUNDLER, TRIPLE LANE



**Bandit**  
 SERVO STRETCH BANDER & COLLATION



**Tray Wrapper**  
 INLINE BANDER



**ILO**  
 INLINE SECONDARY ORIENTER



**Depucker**  
 PUCK SEPARATION & BOTTLE INVERSION



**HFPO**  
 FIFTH PANEL CARTON ORIENTER



**ILAR**  
 INLINE AIR RINSE STATION



**ILO**  
 INLINE SECONDARY ORIENTER



**Intelli-Sort**  
 SRP UNSCRAMBLER & BOTTLE CODING



**Intelli-Code**  
 CARTON CODING AND INSPECTION



**LabelSync**  
 CODE ASSOCIATION FOR BOTTLES



**PackSync**  
 UNIT-TO-PACK CODE ASSOCIATION



**Intelli-Pac**  
 SEMI-AUTO  
 SERIALIZED CASE PACKING



**Intelli-Pac**  
 MANUAL  
 SERIALIZED CASE PACKING



**Intelli-Print**  
 SERIALIZED CASE LABELING