



F&C

FILLING & CAPPING

OMNI-LINE ORIENTORS FOR PLASTIC BOTTLES



Proven, Dependable Linear Bottle Orienting Technology for Speeds Up To 450 bpm

With over 4,500 Omni-Line and Combo-Line systems in operation around the world, Pace is the recognized leader in dependable and versatile linear bottle orienting and unscrambling systems.

Pace Omni-Line orienting systems are capable of running PET, HDPE, PP, PS, and PVC bottles including symmetrical bottles, off-center neck bottles, F-style bottles with handles, trigger spray bottles, pinch grip bottles, and symmetrical bottles with in-mold labels or embossing.

Our orienting systems run containers as small as .33 oz. (10 mL) and as large as 2.5 gallons (9.5 L), and a single machine can run a virtually unlimited range of container geometries and sizes.

The Omni-Line series of orientors includes four models capable of top speeds from 180 to 400 bpm with rotation capabilities of 90°, 180° and 270°. This range of models assures that manufacturers of all sizes in a wide range of industries can choose the orientor ideally suited to their requirements and their budget.

Omni-Line orientors are used in dozens of industries and they are widely used in personal care, ready-to-drink beverage, bottled water, automotive, household cleaning and container decorating product categories.

FEATURES AND BENEFITS

- **Floor level, low profile linear design** – Easy machine access from plant floor; no elevated platforms or ladders required to access key machine components
- **Versatile container compatibility** – Omni-Line orientors can run a virtually unlimited variety of containers with and without handles from .33 fl oz (10 mL) - 2.5 gallons (9.5 L)
- **Fast, toolless changeovers** – Container changeovers completed in fifteen minutes or less
- **Flexible, efficient change parts** – Multiple similar geometry containers can run on same set of change parts reducing changeover time to zero
- **Scuff & scratch-free container handling** – Linear design virtually eliminates bottle contact with hard, abrasive surfaces that scuff and scratch plastic containers
- **Space efficient, linear technology and footprint** – Uses significantly less floor space than rotary systems requiring platform access to elevated machine components

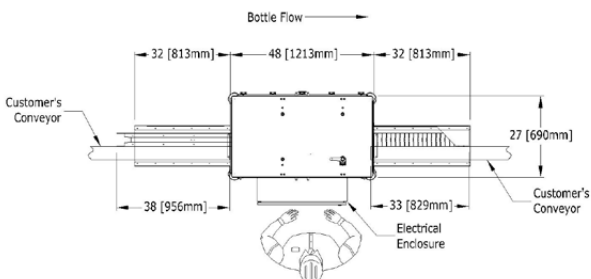
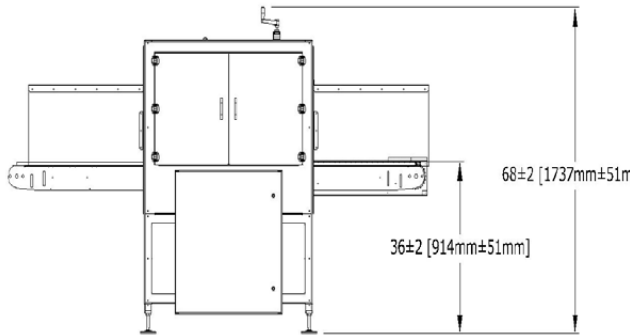
TYPICAL PRODUCT SPECIFICATIONS

	BAO 200	BAO 5000	BAO 5000 Single Stage	BAO 5000 Three Stage
Speeds (Up To)	180 bpm	450 bpm		
Container Sizes (Min-Max)	1.7 oz. (50 mL) - 2.5 gallons (9.5 L)	0.33 oz (10 mL) - 2.5 gallons (9.5 L)		
Container Materials	PET, HDPE, PP, PS, & PVC			
Container Shapes	Off-center neck bottles, handle bottles, trigger spray bottles, symmetrical bottles with in-mold labels and center neck non-symmetrical bottles.			
Orientation System	Servo	Hook or Belt		
Orientation Capability	180 degrees	90 / 180 / 270 degrees		
Controls	Allen-Bradley or Siemens			
Frame	Stainless Steel			
Power Supply	208V – 240V 380V – 400V 440V – 480V			
Electrical Enclosure	NEMA 12 (IP 54) Standard NEMA 4 (IP 66) Available Option			
Compressed Air	N/A	No open air jets; CFM Negligible		
Nominal Footprint Dimensions	30" (762mm) x 57" +2/-1" (1453mm +51/-25mm) x 40" (1020mm)	48" (1213mm) x 68 ± 2" (1737mm ± 51mm) x 27" (690mm)		

CONFIGURATION

Omni-Line BAO 5000

Contact us for the Omni-Line BAO 200 footprint drawing.



OPTIONS

- Camera Based Vision System For Container Orientation Detection – Provides precise, consistent orientation for all container geometries
- Power Ramp – Belt driven bottle stand-up system for tapered containers and high speed operation
- 3-Stage System For Up To 270° orientation
- Servo Driven Container Turning Station
- Swing Arm Mounted HMI – Provides convenient access to controls from multiple locations around the machine
- Glass Bottle Configuration
- Full Bottle Configuration
- Heavy Duty Infeed Belts – Required for full containers
- Expanded Main Electrical Panel – Stainless Steel or Painted Mild Steel
- UL 508 Certified Panel
- CE: Certification & Mark
- Recommended Spare Parts Kit

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