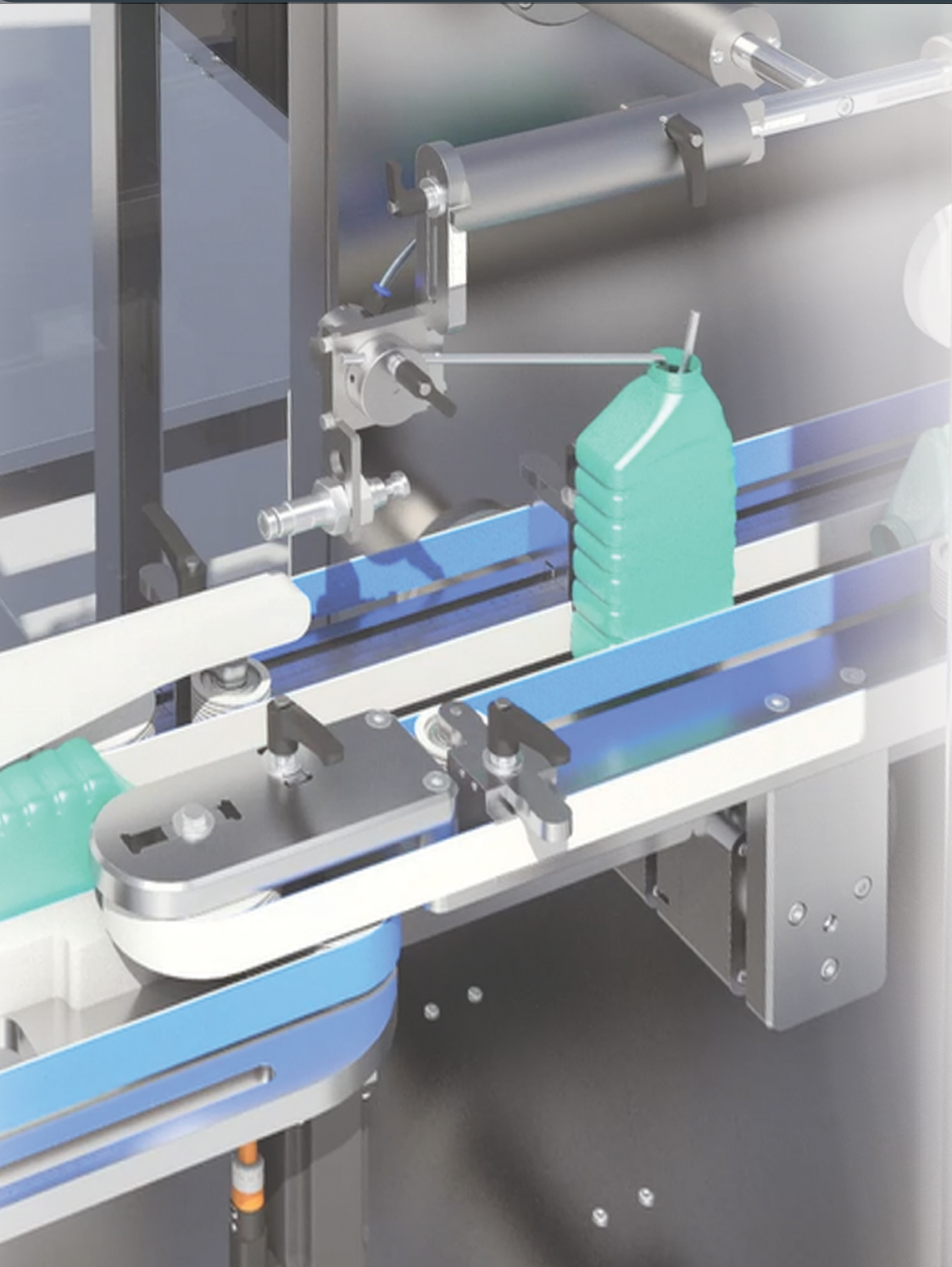
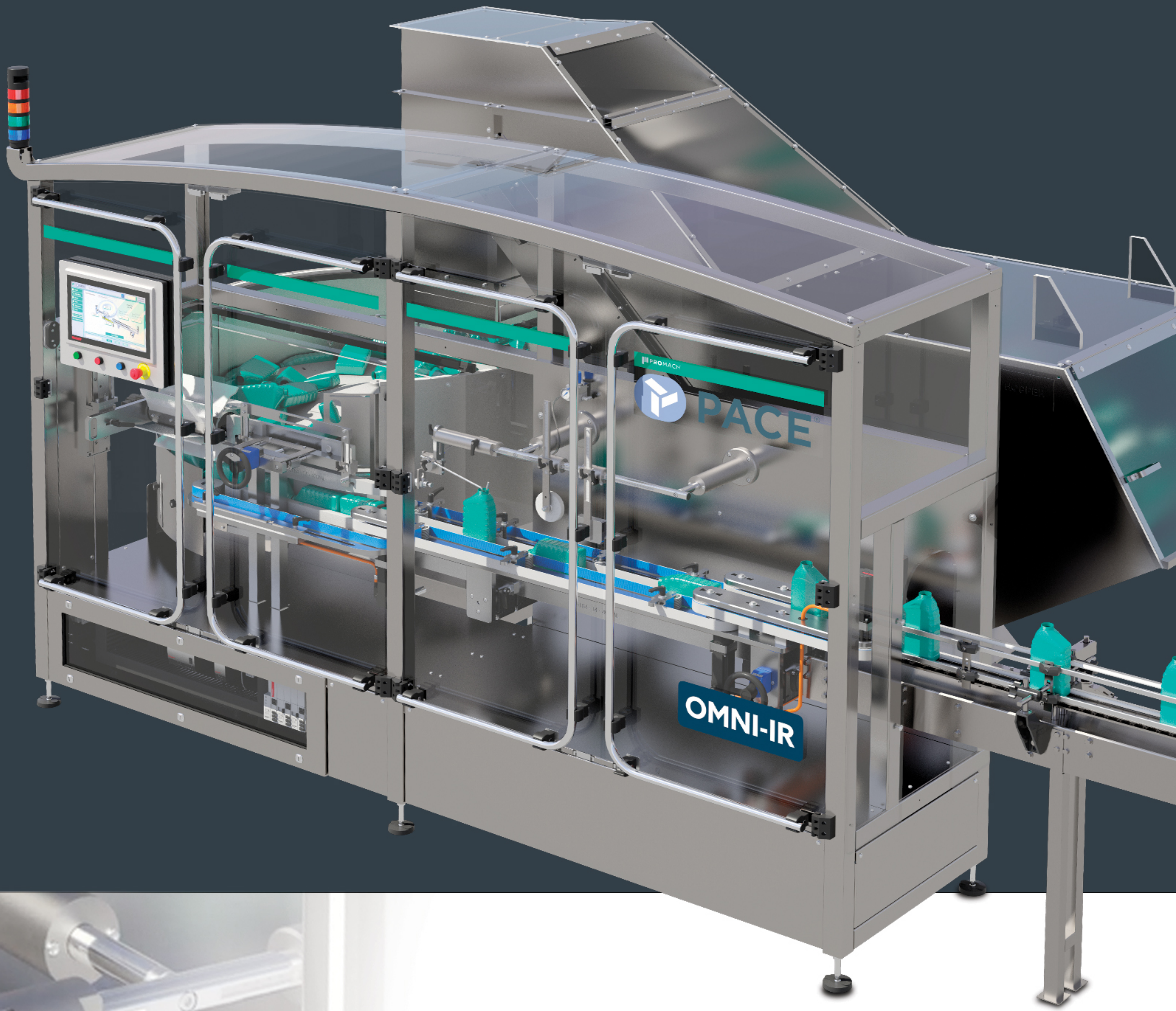




OMNI-IRTM

Linear Unscrambler

Engineered for performance, the Omni-IR is a cutting-edge unscrambler solution designed to handle PET, HDPE, and PVC plastic containers at speeds up to 600 containers per minute (CPM). It can handle up to 25 different container formats including round, rectangular, square, and oval shapes, all while minimizing maintenance and downtime with rapid automatic changeovers in under 5 minutes.



Space-Saving Design

Reduces installation surface by up to 15% compared to traditional Pace unscramblers, with an optional integrated hopper that maximizes floor space efficiency.

Integrated Orienting System

The OMNI-IR integrates with Pace's BAO-IR Orienter, providing a reliable solution for orienting containers at speeds of 180 to 400 containers per minute (CPM), while supporting 90°, -90°, and 180° orientations.

Low Maintenance

Features extended-life belts and minimal maintenance requirements to keep production running smoothly with less downtime.

TYPICAL PRODUCT SPECIFICATIONS

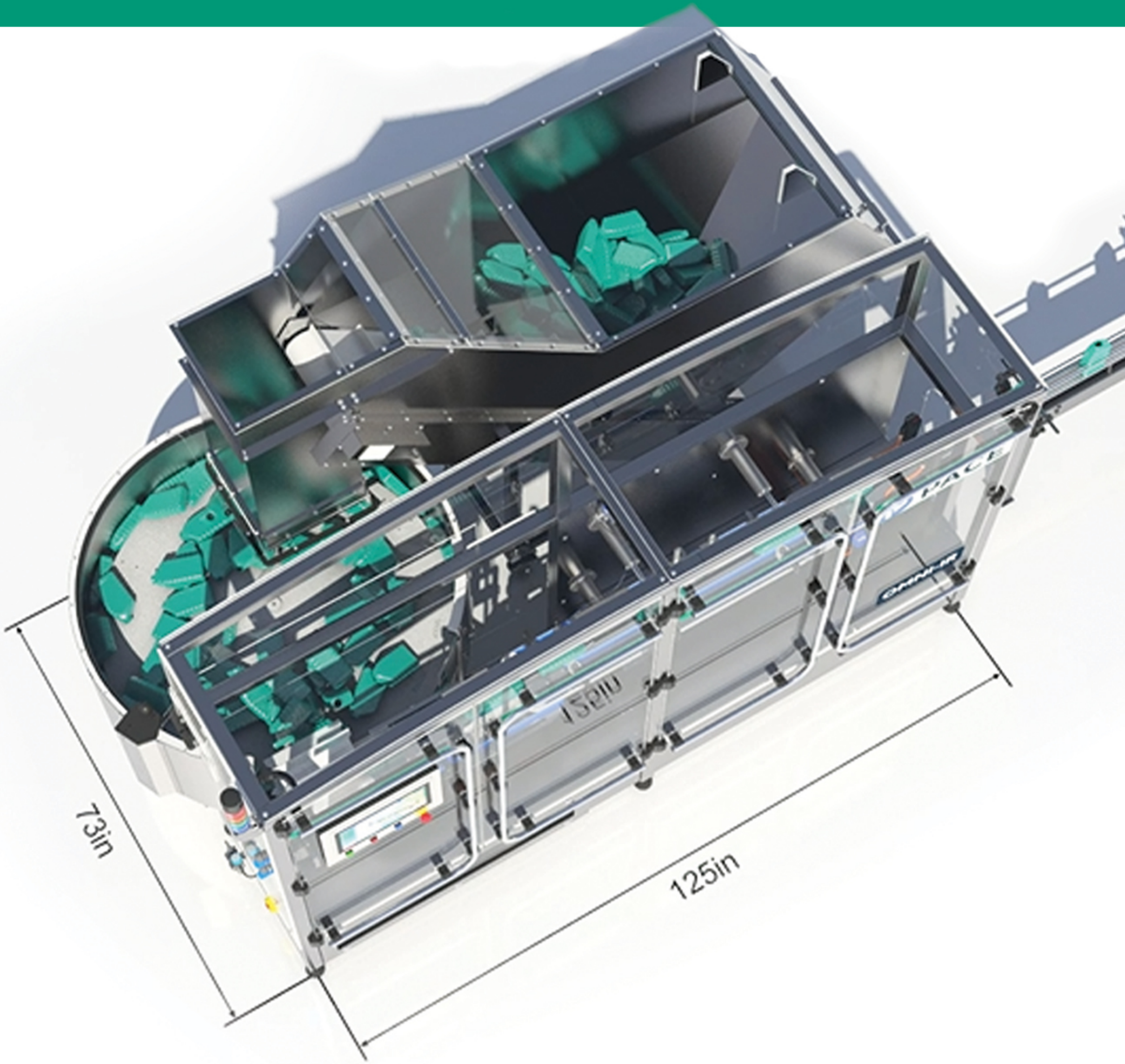
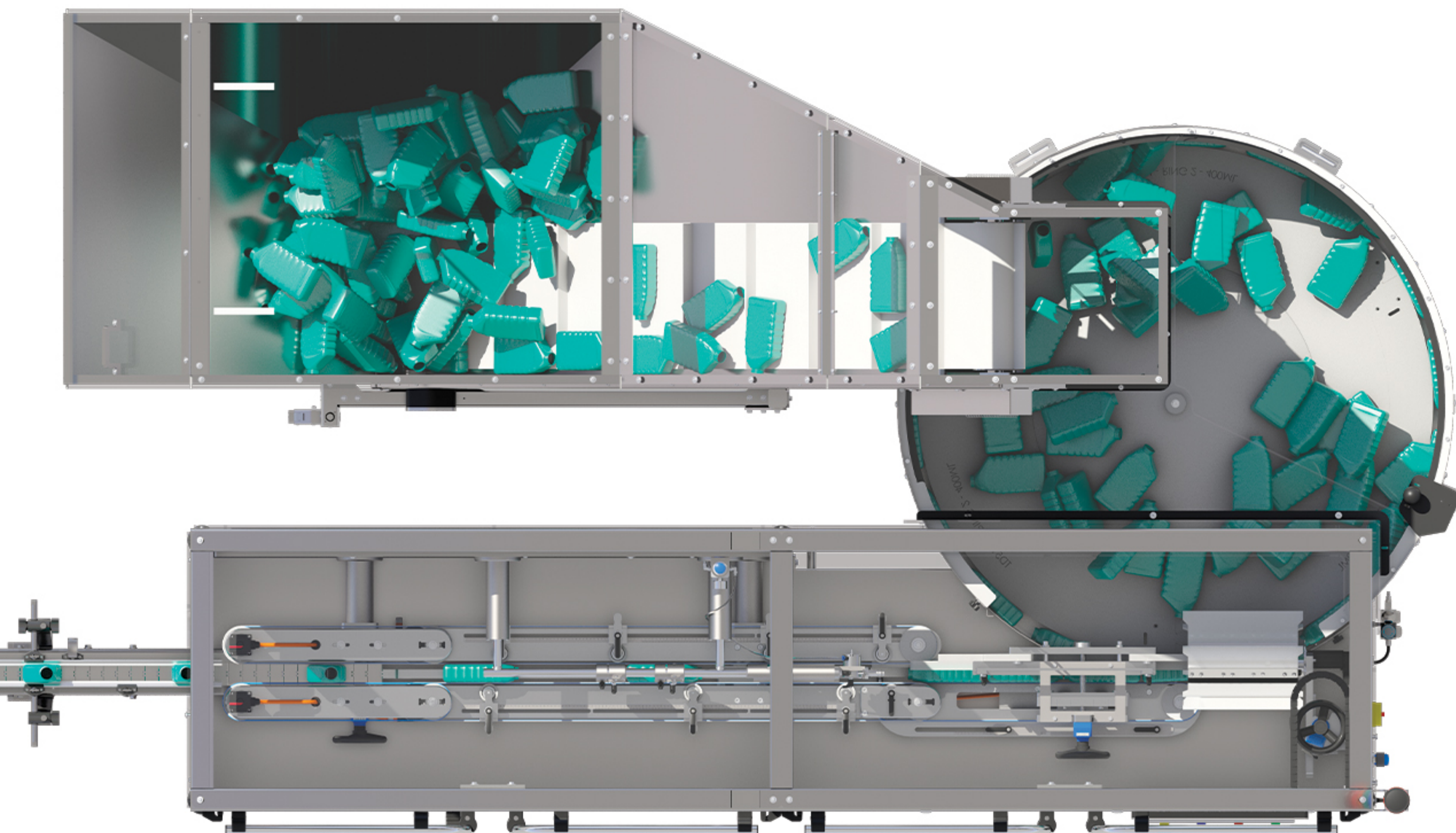
Container Material	PET, HDPE, PP,PS, PVC & Spiral wound fiber.
Container Sizes	10 mL to 9.5 L
Container Shapes	Rounds, Rectangles, Squares, Ovals with & without handles.
Container Speed	Up to 600 CPM
Controls Options	Allen-Bradley or Beckoff
Frame	Stainless Steel
Power Supply	440V - 480V
Electrical Enclosure	NEMA 12 (IP 54) Standard / NEMA 4 (IP 66) Available Option
Compressed Air	No open air jets when possible; CFM Negligible
Nominal Footprint Dimensions	73" X125"

PRODUCT OPTIONS

- **Integrated Hopper** – 180 degree orientation available to best fit desired line layout.
- **Slow Speed Container Discharge** – Reduces bottle speed at discharge allowing customer conveyor to run at lower speeds.
- **Power Ramp** – Belt driven bottle stand-up system for tapered containers and high-speed operation.
- **Automatic Speed Shift** – Enables unscrambler to modulate production speed based on line conditions.
- **Ionized Air Rinse Station** – Removes dust particles from bottles.
- **Down Bottle Detection & Rejection System** – Helps reduce downstream container jams.
- **Available Controls Systems** – Beckhoff, Rockwell, Siemens.
- **CE Certification & Mark** – Required in certain countries or regions.
- **UL 508 Certified Panel** – Certifies electrical panel meets the UL-508A safety standard and was produced by a UL Listed Panel Shop.
- **Recommended Spare Parts Kit** – Includes recommended inventory for wear and spare parts.

Quick Changeovers

Enables automatic changeovers for different bottle formats in under 5 minutes, minimizing downtime and ensuring quick transitions between production runs.



Guided Transition Technology

Utilizes proven hook and belt technology to ensure smooth container movement in a base-leading position, ready for the next packaging step.