

Robotic Pick & Place Case Packing System



Descon's Robotic Pick & Place Case Packing System utilizes servo controls to accurately and continuously pack loose bottles into formed corrugated boxes.

DESIGN FEATURES

- Heavy-duty welded stainless steel frame and pivoting access doors
- Custom gripping head for picking up glass bottles
- Precision end of arm tooling for accurate transfer of bottles
- Precision box indexing and flap opening
- Precision bottle indexing and handle orientation

TECHNICAL SPECIFICATIONS

- Robot: Codian D2 Delta
- Servo Drives: AB Kinetix 5500 Series
- Servo Gear Reducer: Wittenstein TP+ Planetary Gearbox
- Collision Detection: ATI SR Series
- Safety Doors: Pivoting with integrated AB safety switch
- Label Verification: Cognex Vision Inspection System
- Tamper Band Inspection with reject divert gate for missing tamper band
- Graphic touch-screen interface for system operation

CONTAINER HANDLING

- Container Conveyor delivers full glass jugs and jerrycans from Filler to Robotic Case Packer
- Empty Box Conveyor with Intralox 400 Series roller chain transfer for empty box orientation prior to packing

For more details on container and case formats, visit our website.

