

Case Packer for Cosmetics Production



Highlights

- Flexible, precise and rapid robotic handling system with Articulated Configuration
- Customised gripper to pick the parts
- Validation of the solution under real conditions at customer premises
- Ready-to-install complete systems with performance guarantee delivered directly to the production line

Customer

Green Planet Industries, Dubai, UAE.
 Area of business: Packaging

Project

Automatic case packing of filled bottles which arrive on a conveyor must be placed inside the erected carton fed automatically

Requirements

- High precision picking and placing of products (precision ± 0.05 mm) in tray conveyor
- Cycle speed of 50 to 60 parts per minute
- Position sensing and rotating of parts if necessary
- Precision positioning of empty trays
- Automatic feeding of empty and removal of full trays

Solution

Robotic handling system as ready-to-install overall system for handling Bottles

- Articulated Configuration Colabrative
- Robot Model :AUBO
- Robotic controller Fanuc AUBO
- Integration-PLC/Sensors Siemens

Ready-to-install EOAT handling 24 bottles at a time

- Pneumatic systems

Benefits

- Quick and easy series change
- Format change can be done within a few seconds
- Increased production rate
- Manpower saved for case packing