

10-Zone vacuum grippers

The Flexpalletizer™ 10-zone vacuum grippers are ideal for palletizing a variety of boxes, trays, and more. The tooling is comprised of ten individual zones with separate vacuum generators. The independent zones allow for instant product change over. The tooling is perfect for handling multiple incoming product conveyors with different product sizes.

Enclosed tooling-mounted DeviceNet or Ethernet modules and blow-off capability reduce reaction time. The 10-zone tool incorporates powerful generators and a flexible suction plate to create a solid grip even on porous and perforated products.

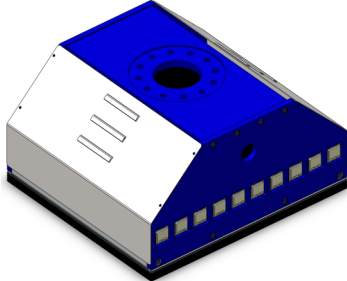
Flexpalletizer™ 10-zone vacuum tooling advantages:

- Solid grip allows high acceleration
- Small volume for fast grip and release
- Allows wide product range and pattern flexibility
- Self levels product
- Instant change-over time
- Minimal maintenance required
- Quick pad replacement
- Blow off capability (self cleaning)
- Dedicated vacuum generator for each zone
- Works with Robot System Products (RSP) Bus-signal enabled Tool changers and Swivels
- Vacuum (part present) switch for each zone with digital display and color vacuum status indicator
- High uptime and reliability
- Does not contain silicone products

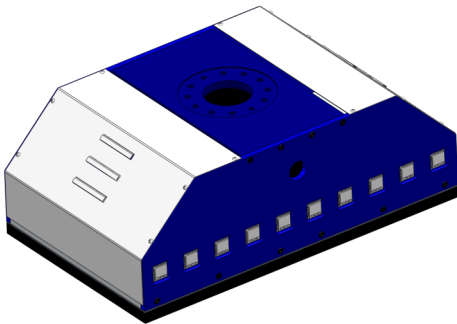
Technical Specifications

Variants

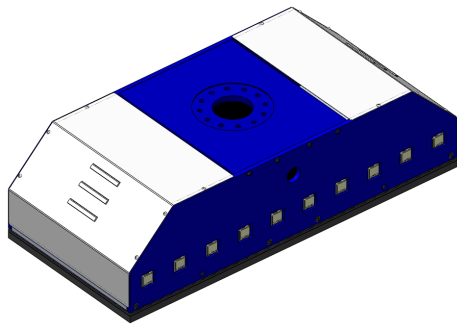
Small density zones



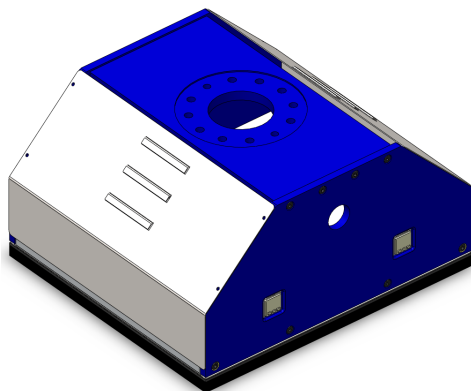
Medium density zones



Large density zones



Custom zone spacing



Physical

Small density zones

18.25"W [464mm] x 20.5"L [521mm] x 11"H [280mm]
Zone spacing 2" [52.4mm]
Weight 93 pounds [42kg]

Medium density zones

18.25"W [464mm] x 30.5"L [775mm] x 11"H [280mm]
Zone spacing 3" [76.2mm]
Weight 126 pounds [57kg]

Large density zones

18.25"W [464mm] x 40.5"L [1,029mm] x 11"H [280mm]
Zone spacing 4" [101.6mm]
Weight 158 pounds [72kg]

Performance

Payload Capacity 330 pounds [150 kg]
Air Consumption (max) 6 SCFM/zone

Features

- Robust compact design
- Self cleaning
- Per-zone vacuum sensor with digital display
- Ethernet or DeviceNet compatible
- Accommodates hollow wrist robot models
- Food grade foam option
- Custom shapes and sizes available

