



Vacuum pad grippers

The Flexpalletizer™ vacuum pad grippers are ideal for palletizing boxes, sheet products, wood panels, trays, and more. The tooling incorporates one to four pad-style grippers with integral vacuum generators and blow-off capability. Enclosed tooling-mounted DeviceNet valves and input modules reduce reaction time while maintaining a small footprint.

The vacuum pad tool incorporates a powerful generator and flexible suction plate to create a solid grip even on porous and perforated products. Optional check valves allow the tooling to pick up products that are significantly smaller than the pad surface.

Flexpalletizer™

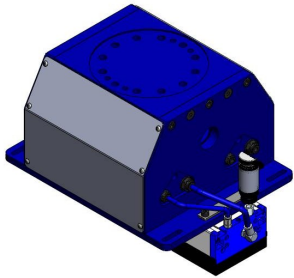
Vacuum pad tooling advantages:

- Solid grip allows high acceleration
- Small volume for fast grip and release
- Allows wide product range and pattern flexibility
- Self levels product
- Fast change-over time
- Minimal maintenance required
- Quick pad replacement
- Blow off capability (self cleaning)
- Dedicated valve for each pad gripper
- Integrated vacuum generator resides in each pad gripper housing
- Vacuum (part present) switch for each pad gripper
- High uptime and reliability
- Does not contain silicone products

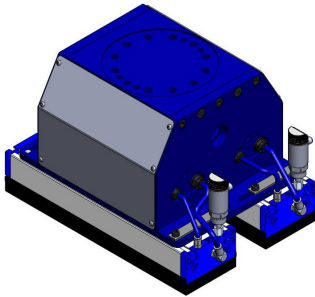
Technical Specifications

Variants

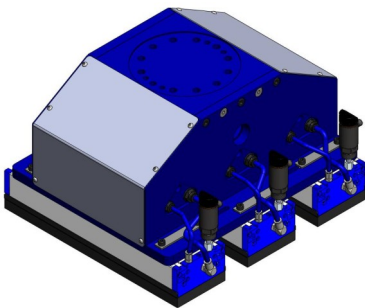
Single Gripper



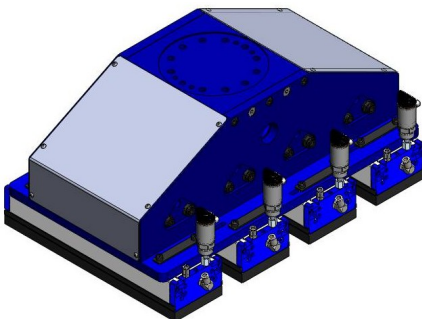
Dual Gripper



Triple Gripper



Quad Gripper



Physical

Tooling

Single Gripper 12"W [305mm] x 17"L [430mm]

12"H [305mm]

Weight 42 pounds [19kg]

Dual Gripper 12"W [305mm] x 17"L [430mm]

12"H [305mm]

Weight 50 pounds [23kg]

Triple Gripper 19"W [457mm] x 17"L [430mm]

12"H [305mm]

Weight 88 pounds [40kg]

Quad Gripper 26"W [660mm] x 17"L [430mm]

12"H [305mm]

Weight 108 pounds [49kg]

Actuators

Pad 4.57" [120mm] x 17" [430mm]

Height 3.15" [80mm]

Weight 6.6 pounds [3 kg]

Performance

Payload Capacity/pad 396 pounds [180 kg]

Air Consumption 13.3 SCFM/gripper pad

Optional Pad Styles

