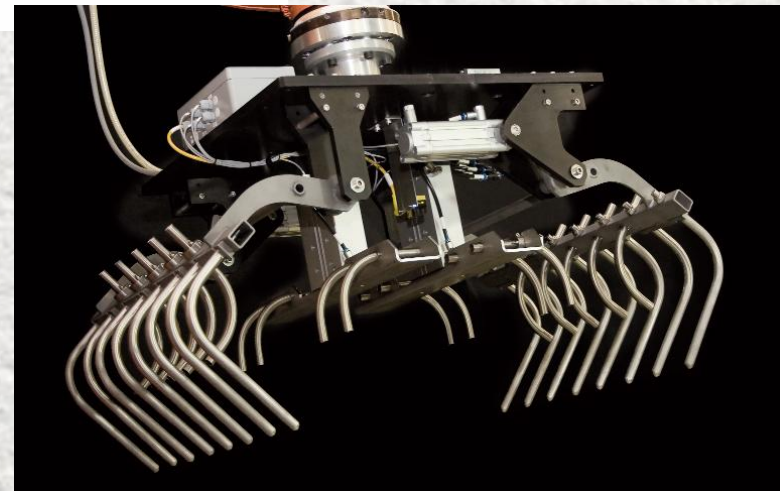


FLEXPALLETIZER

Proven Gripper Technology for Robotic Material Handling



Vacuum Pad Systems

Handles a large variety of products, including porous and perforated products.

Payload capacity per pad up to 396 pounds

Standard and Custom gripper variants engineered to fit your application

Integrated vacuum generators with blow-off capability

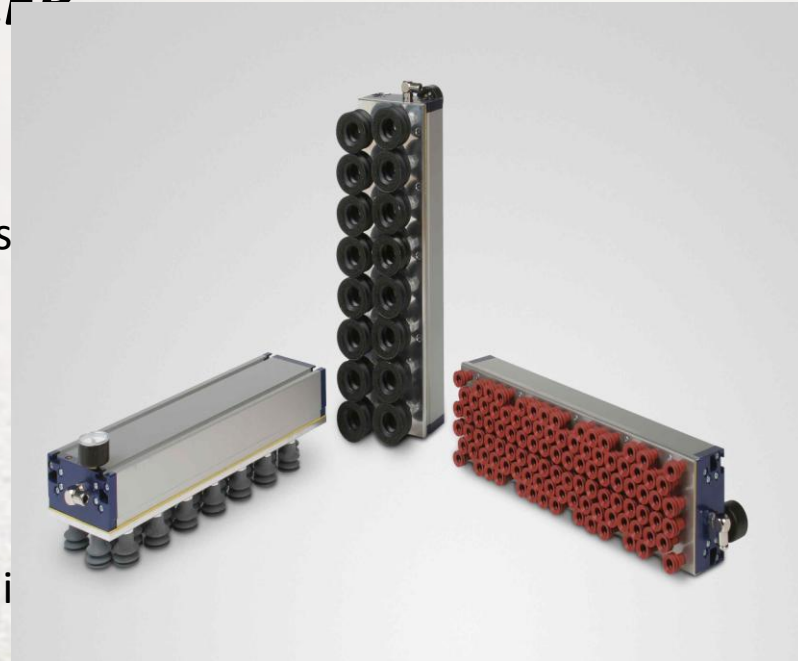
Enclosed tooling-mounted valves and input modules reduce footprint

Device Net modules available for reduction of reaction time

Part present (vacuum) switch for each pad.

Optional check valves for picking up product smaller than pad

Optional pad styles are available



FLEXPALLETIZER

Systems Benefits

Larger variety of product experience

Customizable Logo and contact information can be engraved onto most systems
Field proven systems

A few of the satisfied Flexpalletizer end customers are

Siemens

Sandvik

Astra Zeneca

GlaxoSmithKline

Pfizer

Bay Valley Foods

Jiff

Smuckers

Volvo

CAT

Atlas Copco

Electrolux

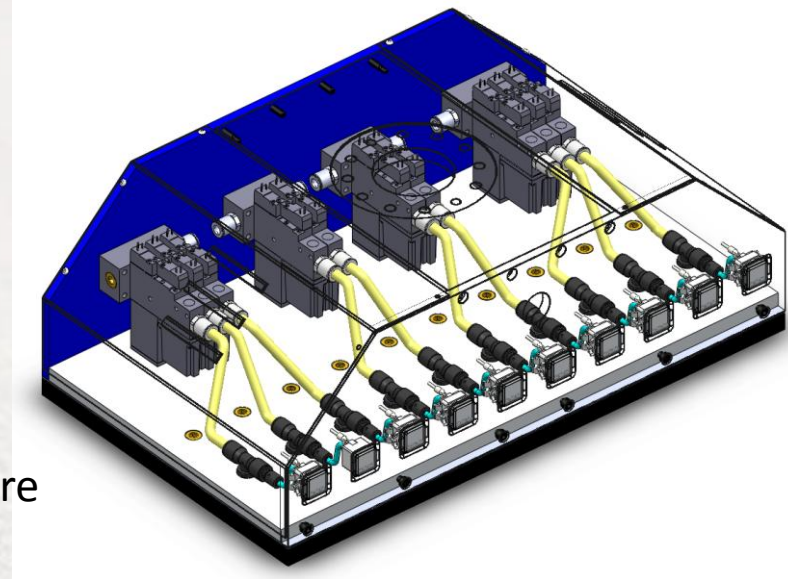
HP

Phillips

Colgate

Pennacle Oil

Osram Sylvania





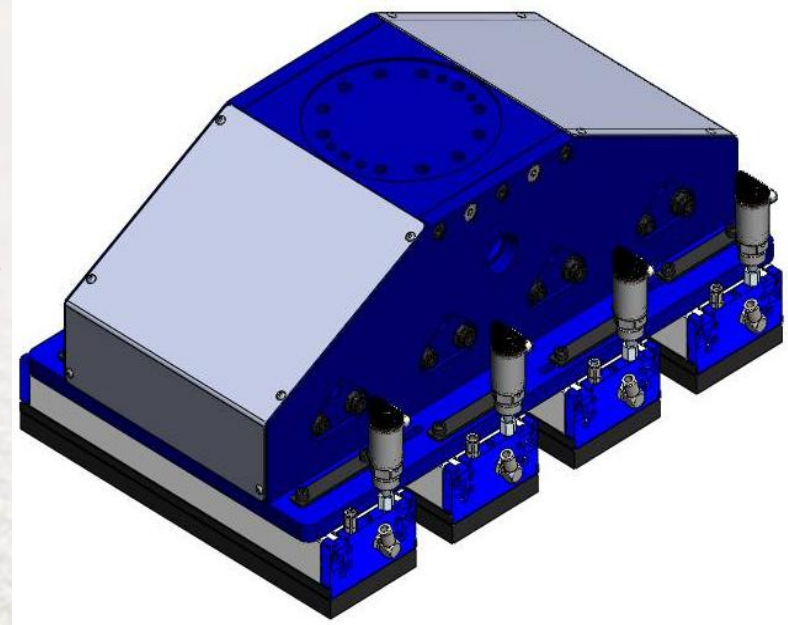
FLEXPALLETIZER

Vacuum Pad Grippers

Handles a large variety of products, including porous and perforated products.

Payload capacity per pad up to 396 pounds

Single, Dual, Triple and Quad gripper variants



FLEXPALLETIZER

10 Zone Vacuum Grippers

Ten individual zones with separate vacuum generators for instant product changeover.

Per zone vacuum sensor digital displays

Payload capacity of up to 330 pounds

Small, Medium, Large and Custom zone spacing models

Custom shapes and sizes available

Accommodates hollow wrist robot models

Food grade foam option

Self levels products



FLEXPALLETIZER

PAIL GRIPPERS

Ideal for palletizing a variety of pail, can sizes and shapes

Payload capacity up to 396 pounds per zone

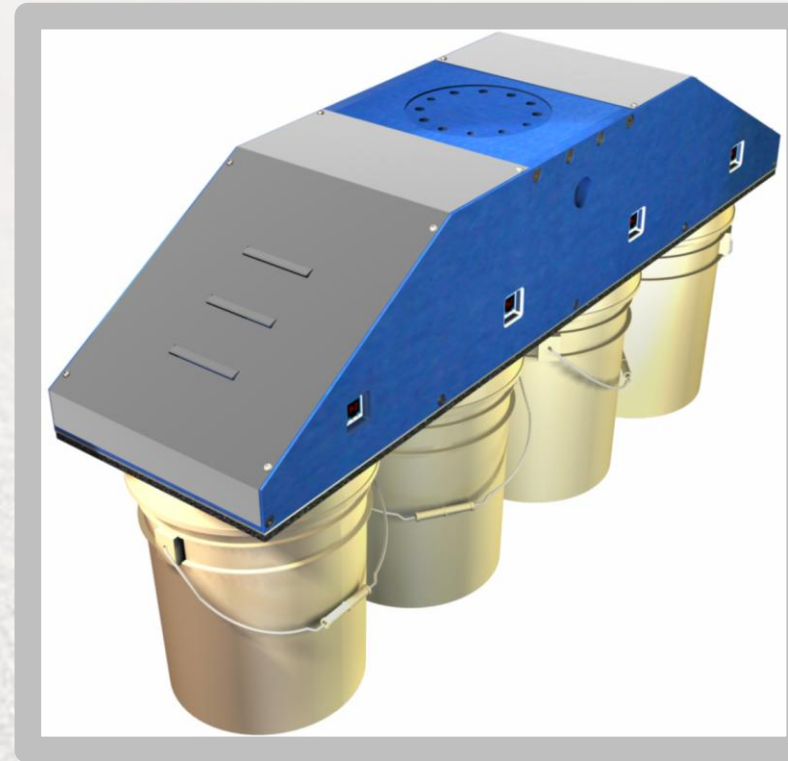
Single, Dual, Triple and Quad gripper variants

Handles empty or full pails.

Part present (vacuum) switch for each pad

Per zone vacuum sensor digital displays

Does not contain silicon



FLEXPALLETIZER



MECHANICAL CASE GRIPPERS

Ideal for palletizing heavy, bulging or poorly constructed cases

Tooling incorporates up to four independent fork-style grippers

Solid stainless steel fingers are spaced to allow the gripper to be positioned between in-feed conveyor rollers

Cases held in place with pneumatic top clamp, allowing for high transfer rates and accurate case positioning on pallet

Optional retractable slip-sheet vacuum cups

Minimal maintenance requirements with high uptime and reliability
Self-levels products



FLEXPALLETIZER

BAG GRIPPERS

Bag grippers handle five to 100 pound bags

Bags can be made of paper, polyethylene, woven polypropylene, burlap and other materials.

Gripper mechanically cradles bag to minimize damage

Solid grip allows for high accelerations

Single bag handling allows for wide product range and pattern flexibility

Slip-sheet handling option

Minimal maintenance requirements with high reliability and uptime

Replacable fingers

Programmable to keep labels and barcode outwards

