



Mechanical case grippers

The Flexpalletizer™ mechanical case grippers are ideal for palletizing heavy, bulging, or poorly constructed cases. The tooling incorporates up to four independent fork-style grippers with a stationary stripping plate and top clamp. Tooling-mounted DeviceNet or Ethernet valves and input modules reduce reaction time while maintaining a small footprint.

Solid stainless steel fingers are spaced to allow the gripper to be positioned between in-feed conveyor rollers. Cases are held in place with a pneumatic top clamp allowing high transfer rates and accurate case positioning on the pallet.

Flexpalletizer™

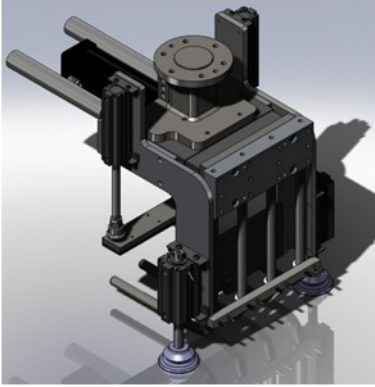
Mechanical case gripper advantages:

- Top clamp allows high acceleration
- Fingers support cases from bottom
- 30mm shafts and linear bearings support heavy loads
- Self levels product
- Dedicated valve for each zone
- Optional retractable slip sheet cups
- Zoning allows wide product range and pattern flexibility
- High uptime and reliability
- Fast change-over time
- Works with Robot System Products (RSP) Bus-signal enabled Tool changers and Swivels
- Minimal maintenance required

Technical Specifications

Variants

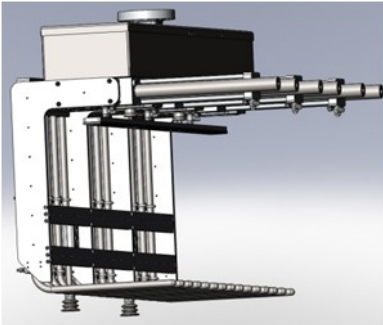
Single Gripper



Physical

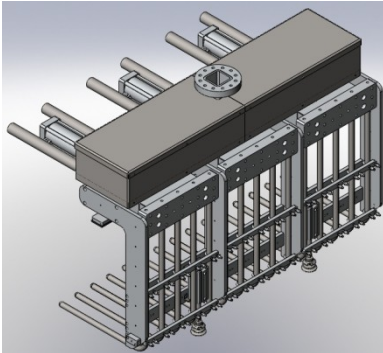
Single Gripper	18"W [460mm]
	22"-30"L [560mm-760mm]
	20"-32"H [500mm-800mm]
Weight	132 pounds [60kg]

Dual Gripper



Dual Gripper	32"W [810mm]
	22"-30"L [560mm-760mm]
	20"-32"H [500mm-800mm]
Weight	250 pounds [114kg]

Triple Gripper



Triple Gripper	45"W [1,150mm]
	22"-30"L [560mm-760mm]
	20"-32"H [500mm-800mm]
Weight	360 pounds [165kg]

Variants

Standard stroke is 6" to 10" [150mm-250mm]

Standard finger length is 10" to 16" [250mm-192mm]

Standard finger diameter is 5/8" or 3/4" [16mm or 19mm]

Performance

Payload Capacity/zone 180 pounds [80 kg]