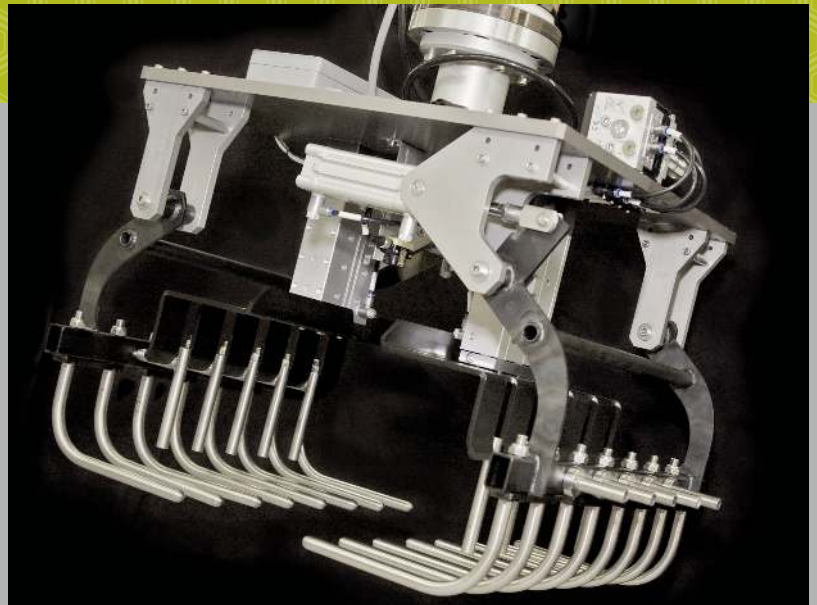


Heavy Duty Bag Gripper

Applied Robotics' bag gripper is built for high dynamic, high cycle, repeatable bag moving in all types of environments.



Features

- Pneumatically actuated mechanism to clamp the bags from the sides, keeping bag and tool centered to prevent misalignment and maintain palletizing consistency. These clamps are manually adjustable $\pm 95\text{mm}$ to accommodate different bag widths.
- Pneumatically actuated clamp pads (Bag Pushers) that contact the top of the bag and hold it in position against the fingers which prevents loss of registration.
- All required valving and plumbing is also included. The pneumatic supply of clean, dry air is to be provided by the customer.
- Utilizes dry lube bearings
- The gripper is hard coated for protection in extreme environments
- It has replaceable stainless steel fingers

Benefits

- A sensor to verify presence / absence of the bag in the gripper.
- Capable of 20+ cycles per minute, dependent upon robot and distance traveling.
- Pre-configured for robots with an ISO 125 bolt pattern for tool mounting or many other options but able to be used without a robot and all I/O included for ease of integration.
- All electrical interconnections between the valves, sensors and the junction box as well as the electrical cable and connector are provided for easy robot integration.

Options

- A pneumatic mechanism for moving empty pallets into the loading position. (Note: mechanism will handle empty pallets *only*).
- Vacuum cups operated by a single generator to pick up a 40" x 48" slip sheet.
- Collision sensing device options available
- Quick connect/disconnect devices for robotic attachment available

General Specifications

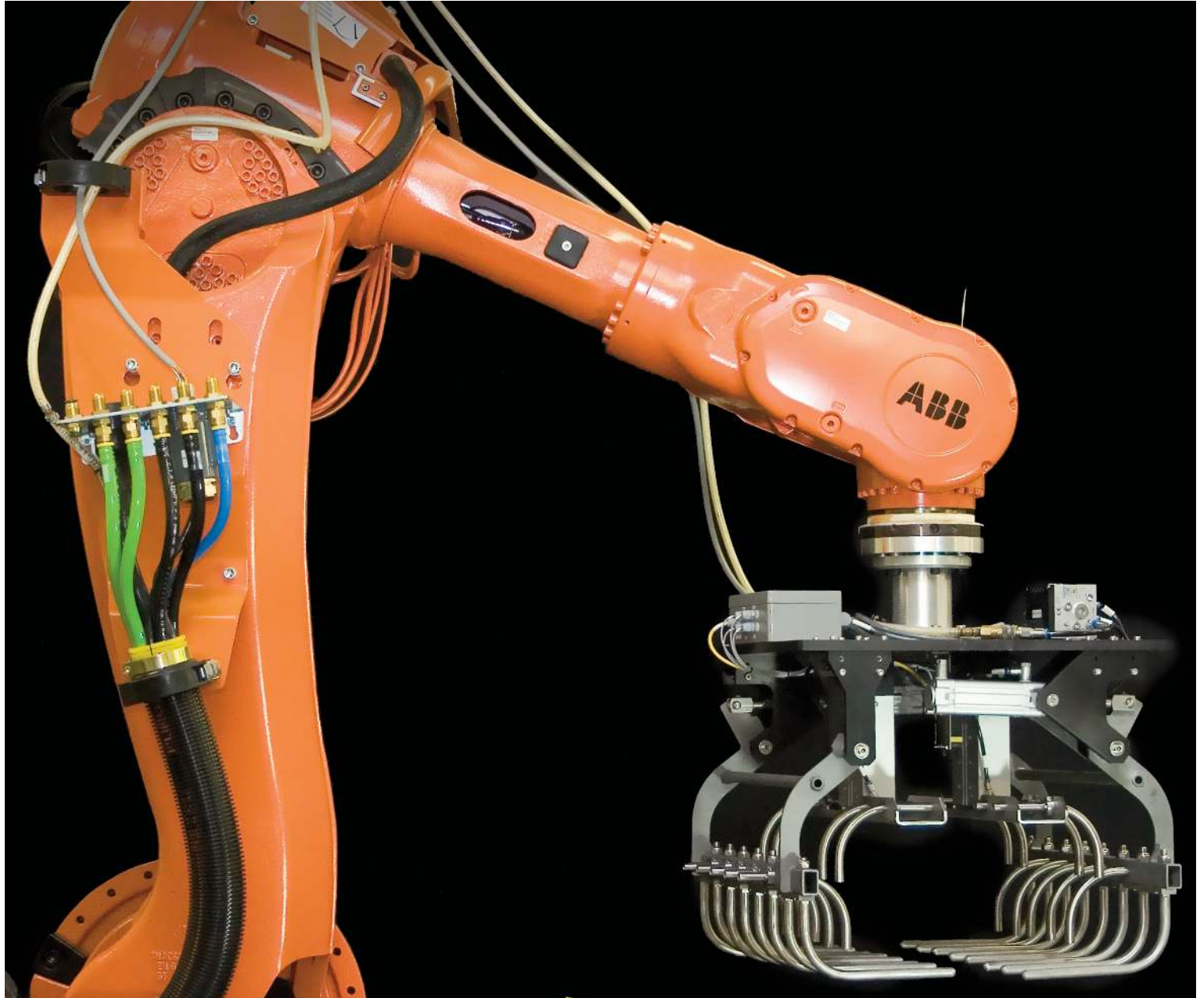
Gripper Weight	62kg
Mounting Pattern	ISO 125
Finger Diameter	15.88mm
Available Finger Pitches	75mm,100mm,and 3"Imperial
Bag Weight	Up to 50kg
Bag Length	Min 200 - 550mm
Bag Width	370mm - 485mm
Bag Height	100 - 175mm
Std. I/O Required	16

Applications

- Bulk bag movement

Please contact ARI for solid models

***We are a solutions provider. If you don't see what you need, call us. Toll free in NY at (800)309-3475 or in MI at (248)358-3677**



648 Saratoga Road
Glenville, NY 12302 USA
518 384 1000 tel
518 384 1200 fax

29193 Northwestern Highway www.arobotics.com
Southfield, MI 48034 USA
248 358 3677 tel
248 358 2897 fax

