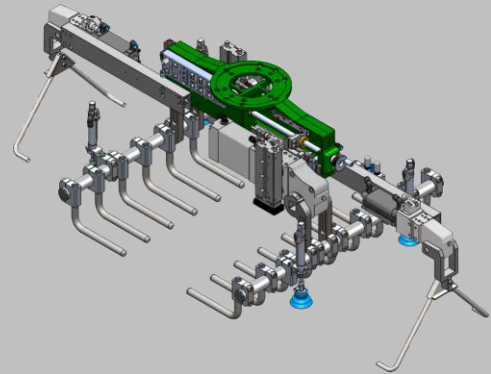# Applied Robotics Palletizing Gripper
ARPG - Bag Gripper Options

The APPLIED ROBOTICS Palletizing Gripper (ARPG) – Bag Gripper provides rapid pick-and-place palletizing of bagged products, offering complete robotic control of a palletizing cell.

Advantages:
- *Flexibility*
  - o Options can be used together as one unit or separately, allowing for the same robot to accomplish many tasks.
- *Robustness*
  - o Engineered construction with select materials provides maximum strength in any industrial environment.
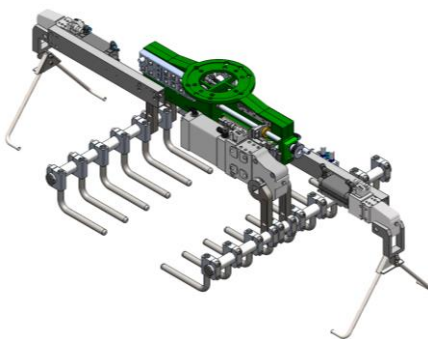
SPECIFICATIONS

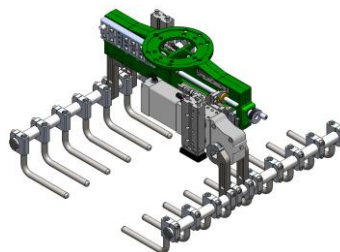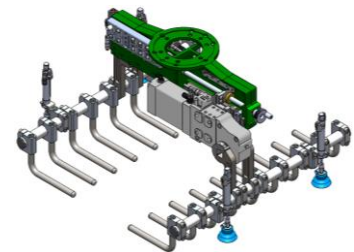| Option	Additional Weight kg (lb)	Operating Pressure bar (psi)	Operating Temperature °C (°F)	Noise Emission (Sound Pressure) dB(A)
Pallet Picker	2.7 (6.0)	4 – 6 (58 – 87)	5 – 60 (41 – 140)	< = 70 in any direction
Pusher Type	1.0 (2.2)	4 – 6 (58 – 87)	5 – 60 (41 – 140)	< = 70 in any direction
Sheet Picker	1.1 (2.4)	4 – 6 (58 – 87)	5 – 60 (41 – 140)	< = 70 in any direction

OPTIONS

Pallet Picker

Enables picking and placing of standard pallets without interrupting palletizing cycle.
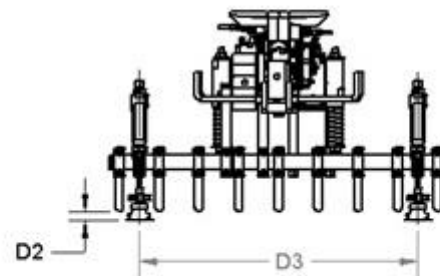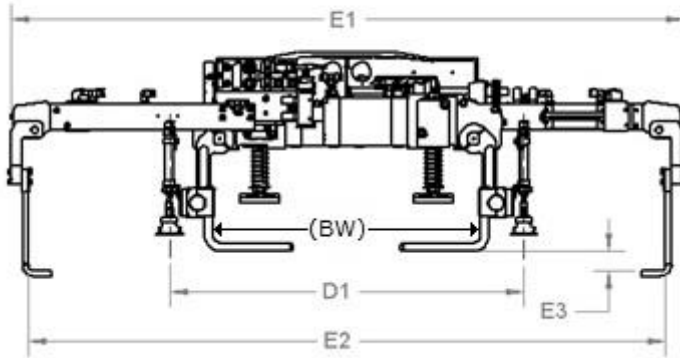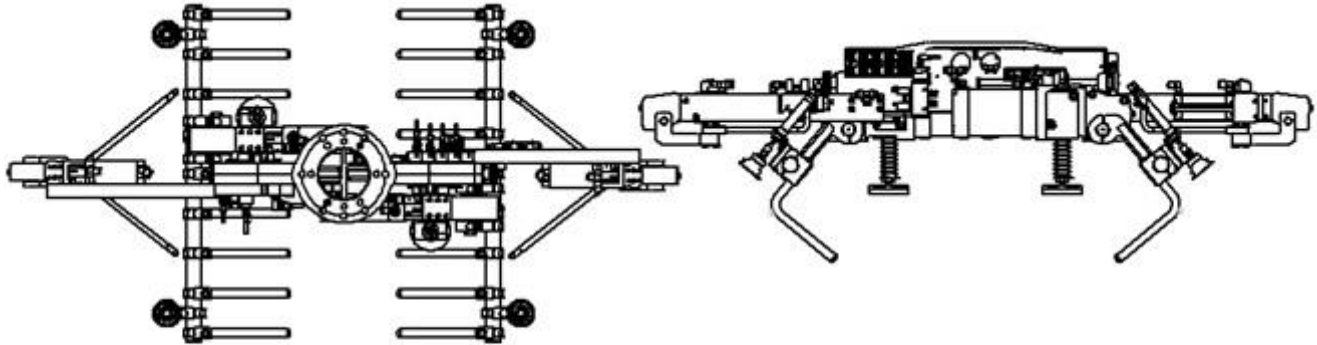
Pneumatic Pusher

Offers controlled clamping and releasing through the use of pneumatic cylinders, as well as giving the same amount of force on all bags, regardless of bag thickness.

Sheet Picker

Allows picking and placing of any type of sheet via suction cups.

AppliedRobotics™
Solutions in reach

	Opening Range (Bag Width, BW)		Slip Sheet Option			Pallet Picker Option		
	B1	B2	D1	D2	D3	E1	E2	E3
ARPG15 ARPG15S	200 (7.87)	375 (14.76)	BW+87 (BW+3.42)	18 (0.7)	381 (15.0)	1288 (5.7)	1220 (48.0)	37 (14.5)
ARPG30 ARPG30S	300 (11.81)	500 (19.69)	BW+87 (BW+3.42)	18 (0.7)	534 (21.0)	1288 (5.7)	1220 (48.0)	37 (14.5)
ARPG50 ARPG50S	400 (15.75)	600 (23.62)	BW+87 (BW+3.42)	18 (0.7)	685 (29.7)	1450 (57.1)	1220 (48.0)	37 (14.5)

* Dimensions are in millimeters (inches).
** Models designated with 'S' contain a Servo for on-the-fly bag width adjustment.
*** All dimensions are descriptive and subject to variation for technical upgrading. We reserve the right to make variations without prior notification.