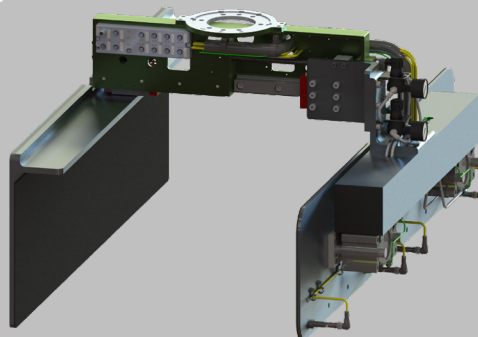


# Applied Robotics™ Palletizing Gripper ARPG - Box Gripper

Applied Robotics Palletizing Gripper (ARPG) – Box Grippers modular design enables it to pick up boxes of varying widths or lengths from any conveyor and place them side-by-side, ensuring a tightly assembled pallet of products.

## Advantages:

- Versatility
  - o Gripping width easily adjusts and locks with our patented Self-Locking Rotary Handwheel to reduce changeover time.
- Robustness
  - o Engineered construction with select materials provides maximum strength in any industrial environment.
- Box Present Sensor(s)
  - o Provides assurance that the box is within the grasp of the gripper.



## SPECIFICATIONS

Model	Rated Payload	Recommended Maximum Box Length	Box Width Range	Box Height	Number of Object Present Sensor(s)	Gripper Weight
	kg (lb)	mm (in)	mm (in)	mm (in)		kg (lb)
<b>ARPG20-SP1</b>	15 (33)	1220 (48)	345 to 645 (13.58 to 25.39)	320 (12.6)	1	44 (97)
<b>ARPG20-SP2</b>	20 (44)	1220 (48)	345 to 645 (13.58 to 25.39)	320 (12.6)	2	48 (106)

\* Shifted Box Width Range available upon request.

\*\*Additional Box Present Sensors available upon request.

\*\*\* Gripper weight may vary depending on specific configuration.

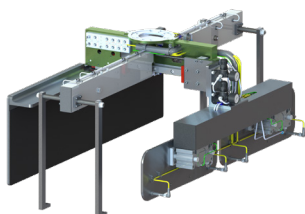
Bags Per Minute: **30 BPM**

Noise Emissions (Sound Pressure): **≤ 70 dB(A) in any direction**

Operating Temperature: **5 – 60 °C (41 – 140 °F)**

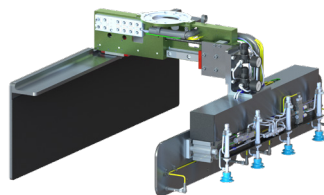
Operating Pressure: **4 – 6 bar (58 – 87 psi)**

## OPTIONS



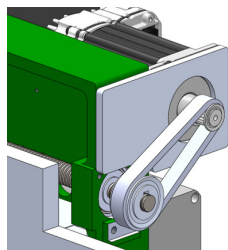
### Pallet Picker

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



### Sheet Picker

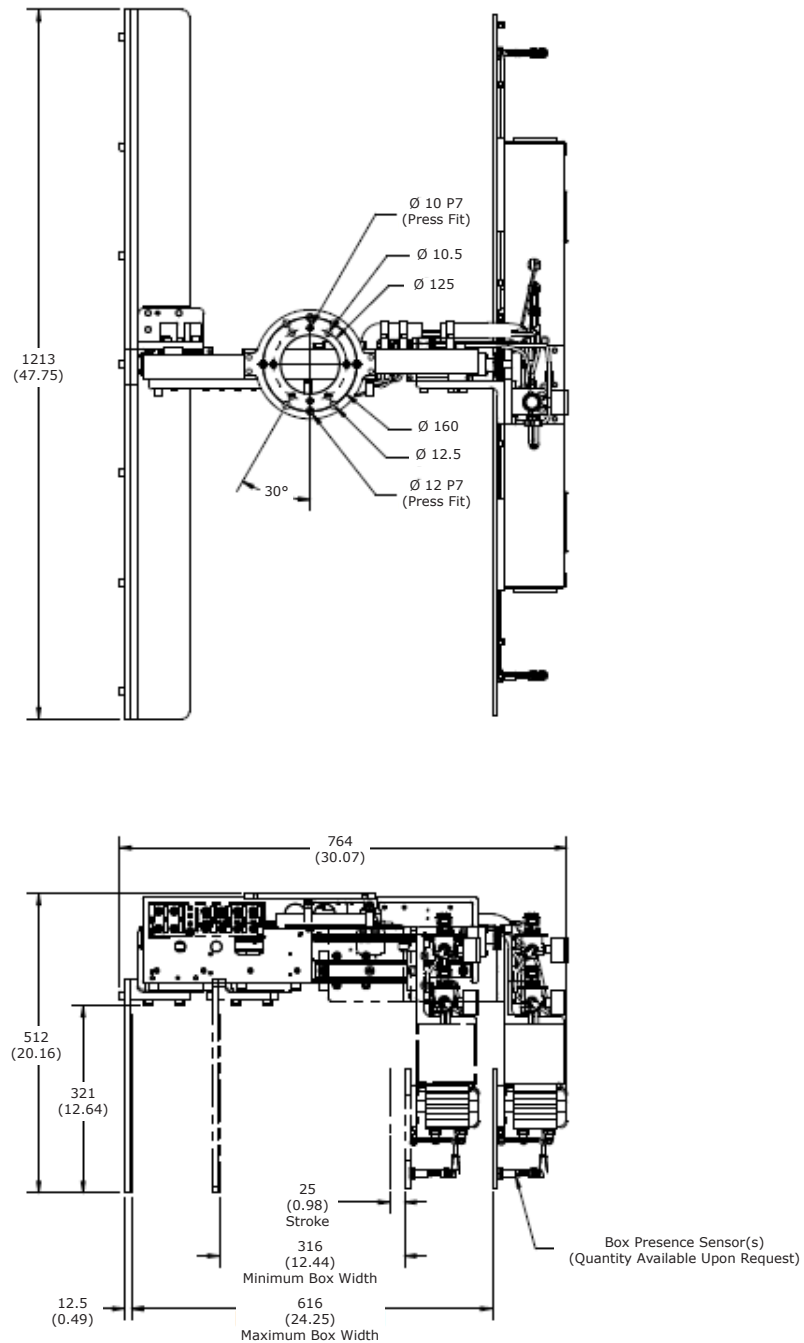
Allows picking and placing of any type of sheet via suction cups.



### Servo Bag Width Adjustment

Provides on-the-fly box width adjustment so that multiple box widths can be palletized without the need for operator intervention.

## PRODUCT INFORMATION



\* Dimensions are in millimeters (inches).

\*\* Dual Box Gripper is shown. Same dimensions for Single Box Gripper.

\*8\* All dimensions are descriptive and subject to variation for technical upgrading. We reserve the right to make variations without prior notification.