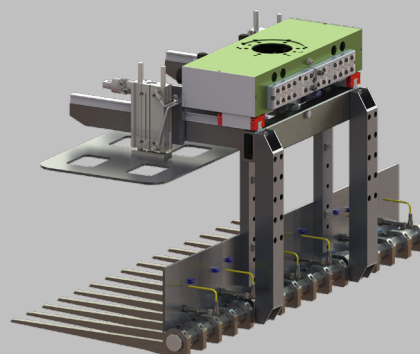


Applied Robotics™ Palletizing Gripper ARPG - Fork Gripper

Applied Robotics Palletizing Gripper (ARPG) – Fork Gripper provides the ability to securely grasp any object off a roller conveyor and will reliably place it onto a pallet.

Advantages:

- Failsafe Bag Support
 - o Will not lose payload during loss of power or air.
- Robustness
 - o Engineered construction with select materials provides maximum strength in any industrial environment.
- Object Present Sensor(s)
 - o Provides assurance that the object is within the grasp of the gripper.
- Pallet Picking Capabilities
 - o Enables picking and placing of standard empty pallets without interrupting palletizing cycle.



SPECIFICATIONS

Model	Rated Payload	Recommended Maximum Bag Length	Recommended Maximum Object Width	Object Height Range *	Number of Object Present Sensor(s)	Gripper Weight
	kg (lb)	mm (in)	mm (in)	mm (in)		kg (lb)
ARPG55-F1	55 (121)	1220 (48)	420 (16.54)	250 to 360 (9.84 to 14.17)	1	42 (93)

* Shifted Object Height Range available upon request.

**Additional Object Present Sensors available upon request.

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

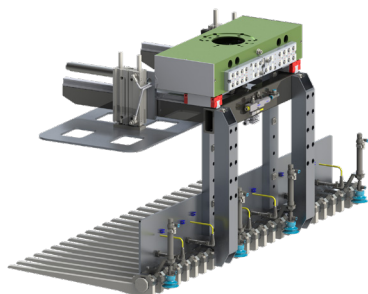
Bags Per Minute: **30 BPM**

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

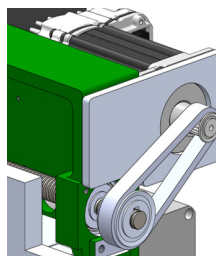
Operating Temperature: **5 – 60 °C (41 – 140 °F)**

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

OPTIONS

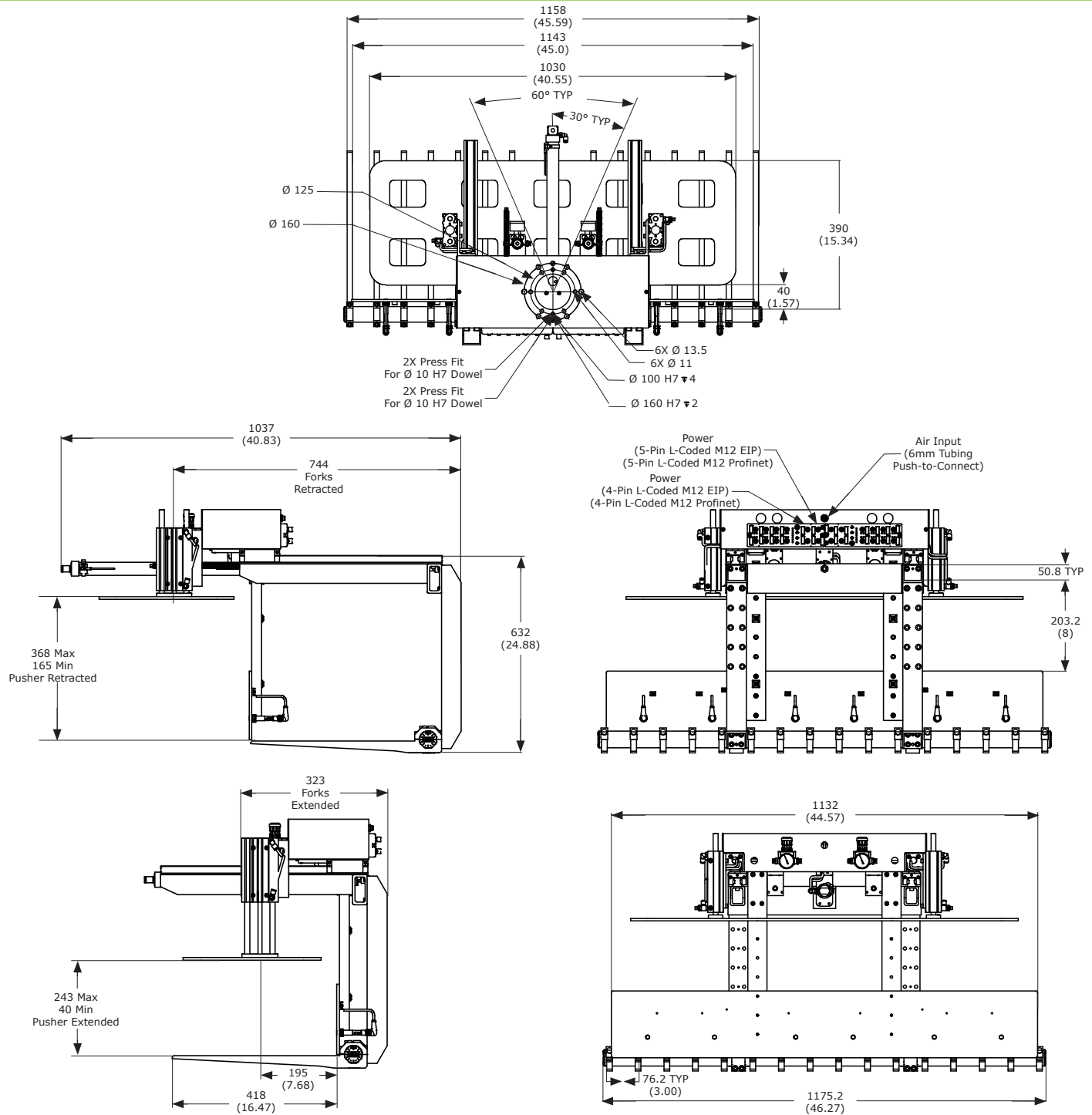


Sheet Picker
Allows picking and placing of any type of sheet via suction cups.



Electric Linear Drive Width Adjustment
Provides on-the-fly width adjustment so that multiple object widths can be palletized without the need for operator intervention.

PRODUCT INFORMATION



* Dimensions are in millimeters (inches).

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