



Motor Assist Moves and Controls Heavy Loads

AeroGo® Aero-Drives provide motor power and steering control to move and position the heaviest loads. Drives used in combination with the optional guide wheel or in pairs provide optimum positive control.

Swing-Arm Steering: Easily move and position loads – 360 degree movement in both forward and reverse modes. Use in conjunction with guide wheels on load structure for optimum control and precision movement. Use two units for tandem control and superior positioning in the tightest spaces.

Rugged Heavy Capacity: Several models available (see chart).

Air Driven: High initial torque power moves heavy loads without batteries or fuel.

Quick Attach (QA): Quick Attach detachable plates allow you to use one drive for multiple loads or attach points. Plates should be welded to the load structure. Bolt-on plates are available. Ask your AeroGo representative for more details and information.



Fingertip Controls: The user-friendly, fingertip controls allow the operator to easily adjust for varying loads and maneuver in any direction.



Optional Guide Wheel Assembly: (shown unassembled). Attaches to pallet load to provide positive positioning control and prevent potential side drift on slopes. Controls can be added to the drive panel for easy adjustments and operation.

Also available: Internal drive.



Aero-Drive makes it easy for the operator to steer and control a 20-ton heat exchanger using swing-arm & fingertip controls. (Shown: AG1250E-QA Aero-Drive on a custom engineered Transporter).



Aero-Drive positioned to meet Quick Attach plate mounted on load. The detachable Quick Attach “QA” mechanism allows you to utilize one drive for multiple loads, providing exceptional value and flexibility.

Models	Draw Bar	Typical Drive Capacity*
AG700E-QA	700 lbs./300 kg.	Up to 23 Tons
AG1250E-QA	1250 lbs./550 kg.	Up to 40 Tons
AG2000E-QA	2000 lbs./1,000 kg.	Up to 65 Tons
AG3500E-QA	3500 lbs./1,600 kg.	Up to 110 Tons

* Load capacity will vary based on type of air caster, floor conditions, slope, etc. Multiple drives provide additional capacity and enhanced steering control. Ask your AeroGo rep for details.





AERO-DRIVE: Steerable air-motor powered drive for moving and positioning heavier loads.

Aero-Drives offer control on all loads over 10,000 lbs. QA system must be designed for sturdy attachment to load structure frame (special provisions required for attachment to thin-profile aluminum extrusion). Call factory for specific pricing, applications, requirements, attachment design and sizing to load and floor conditions.

Quick Attach Aero-Drive

Part#	Model	RATED DRAWBAR PULL (lbs/kg)	SPEED RANGE (ft/min)	AIR CONSUMPTION		NET WEIGHT (lbs)	RATED LOAD CAPACITY (Tons)+	EXTRA QA PLATES	
				SCFM	@PSI			MODEL	NET WEIGHT (lbs.)
47779	AG700E-QA	700 / 300	0-40	40	90	360	23	20524	20
44794	AG1250E-QA	1,250 / 550	0-40	40	90	550	41	20530	50
45458	AG2000E-QA	2,000 / 980	0-40	62	90	780	66	20832	70
45043	AG3500E-QA	3,000/1587	0-40	83	90	900	106	21150	136

+ **Rated Load Capacity:** A usable figure for general industry conditions, based on good floor conditions and max 0.2% slope; a steeper slope would allow less capacity of load. Contact factory for specific recommendations.

Each Drive Includes: Drive housing with high-torque air motor, pivoting steering handle, control panel, and a single QA Plate.
Attachment: The Aero-Drive attaches to the load with a dual-post Quick-Attach (QA) system that is specially designed to provide a rigid connection that can be uncoupled for flexibility. The QA system incorporates a dual-post QA Plate that is bolted or welded to the load structure - and a mating connection designed into the Aero-Drive. This allows the drive to be removed or connected to multiple loads or attachment locations. A drive would normally be designed for attachment to a structure that includes a Guide Wheel for car-like steering. Two drives may be connected to a structure on each end - for greater omni-directional steering options or more precise positioning.

Braking: Models 1250 and 2000 provide dynamic piston resistance braking. Model 700 offers reduced dynamic braking and relies on the use of reverse for stopping.

AeroGo offers **larger drives**, up to 11,000 lbs (4,990 Kg) drawbar. Consult Factory.

Options: Available options include Guide Wheel & Controls, Remote Control Pendant, Internal Drives, Extra QA Plates. Standard Aero-Drives

Internal Guide Wheel (Does not include controls)

Part#	Model	NET WEIGHT (lbs)	RATED CAPACITY (lbs)+
45884	GW350	10	14,000
45201	GW400	25	20,000

Includes:
 - Regulator and on/off switch
 - Installation when purchased along with a new pallet system. Consult Factory for dimensions required.