



Aero-Plank System™



Aero-Planks™ Versatile and Efficient

Aero-Planks combine simplicity of operation with extreme versatility. Load movement is easy, ergonomic, and omni-directional. Aero-Planks can be utilized anywhere in the work environment where there is an adequate floor surface. Operation in tight spaces is a breeze.

Aero-Planks use air casters, which distribute the load weight over a greater surface than with rollers or wheels, therefore, spreading any stress evenly on the floor. This eliminates damage to the floor and the need for expensive tracks, reinforced floors and building structures.

AeroGo systems are more cost efficient than traditional load movement methods. Your own personnel can quickly learn to utilize the system. And, since there are no moving parts, maintenance costs stay low.

Customize your Aero-Plank System™

- Operator Handle (1½ inch round steel)
- Slide-Mount Aero-Casters*
- No load swivel wheels; to easily move when unloaded - fixed height or spring loaded.
- 3 or more Aero-Casters per plank.
- Manual regulation for each Aero-Caster
- Guide wheel* - for heavy load control
- Fixed roll chocks for paper roll handling

*Increases Aero-Plank thickness (deflated height), reducing effective lift.



Aero-Planks™

Aero-Planks™ utilize the efficiency of fluid film technology to float heavy loads on a near-frictionless film of air. Aero-Planks are designed specifically for applications where the load is long and narrow. Two or more air planks are slid under the load for fast, cost-efficient movement and positioning. With Aero-Planks one person can easily move thousands of pounds.

Aero-Planks excel in intermittent flow assembly lines and station-to-station applications especially in situations where access is limited to only one side of the load.

Unlimited Applications:

Aero-Planks can make it easy to transport and position shipping containers, shelter modules, heavy machinery, machine tools, medical equipment, mainframe computers and other sensitive electronic equipment.

By adding additional air planks load size and weight can be virtually limitless.

Planks with Operator Handles



AeroGo, Inc is a leading designer and manufacturer of Aero-Caster™ products (air casters or air bearings mounted on Aero-Planks, Aero-Pallets or Load Modules) that float from 500 lbs to 5000 tons on a virtually frictionless film of air. AeroGo is ISO certified by ABS Quality Evaluations, Inc and complies with SAE AS9003: 2001 and ISO 9001:2000 quality standards.

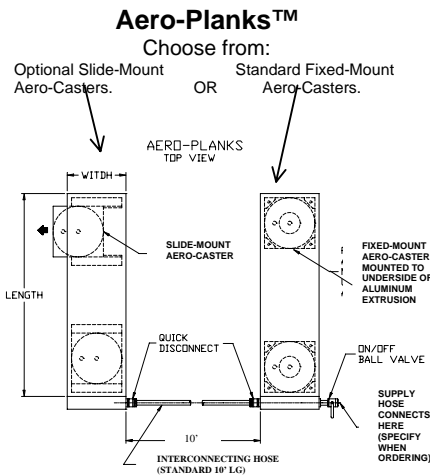


ISO 9001:2000 certified #34629
SAE AS9003 certified #40102

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AERO-PLANK™ SYSTEM SPECIFICATIONS for FIXED-MOUNT Aero-Casters

TWO-PLANK SYSTEMS



Aero-Planks™ Standard Equipment:

- Two (2), Three (3) or Four (4) Aero-Planks.
- Each plank includes two (2) fixed mount Aero-Casters.
- High-Strength aluminum extrusion construction.
- Each plank includes 1½-inch square box-tube manifold on narrow end, flush with the top surface.
- Automatic flow control valves (in manifold) to automatically compensate for offset loads.
- Interconnecting hose (10 foot/3 meters long) with quick disconnect adapters.
- System on/off ball valve.
- System pressure regulator with gauge.



Model (Insert Code N = Neoprene U = Urethane) (1)	System Capacity lbs. (kg) (2)	Plank Length Min-Max inches (mm)	Plank Width inches (mm)	Model of Aero- Casters (1)	Effective Lift Height inches (mm) (3)	Req'd size plant air hookup (NPT) inch (4)	Rated Operating Pressure psig (kg/cm2) (5)	Air Volume scfm* (L/sec) (6&7)	Equipment Net Weight lbs. (kg)
2AP212_72	8000 (3600)	25-72 (635-1830)	12-1/2 (318)	12	3/4 (19)	3/4	25 (1.8)	84 (40)	105 (48)
2AP212_96	8000 (3600)	73-96 (1855-2440)	12-1/2 (318)	12	3/4 (19)	3/4	25 (1.8)	84 (40)	130 (59)
2AP212_120	8000 (3600)	87-120 (2465-3050)	12-1/2 (318)	12	3/4 (19)	3/4	25 (1.8)	84 (40)	155 (70)
2AP212_144	8000 (3600)	121-144 (3075-3660)	12-1/2 (318)	12	3/4 (19)	3/4	25 (1.8)	84 (40)	180 (82)
2AP215_72	14000 (6360)	31-72 (790-1830)	15-1/2 (394)	15	7/8 (22)	3/4	25 (1.8)	96 (46)	125 (57)
2AP215_96	14000 (6360)	73-96 (1855-2440)	15-1/2 (394)	15	7/8 (22)	3/4	25 (1.8)	96 (46)	155 (70)
2AP215_120	14000 (6360)	97-120 (2465-3050)	15-1/2 (394)	15	7/8 (22)	3/4	25 (1.8)	96 (46)	185 (84)
2AP215_144	14000 (6360)	121-144 (3075-3660)	15-1/2 (394)	15	7/8 (22)	3/4	25 (1.8)	96 (46)	220 (100)
2AP221_72	28000 (12700)	43-72 (1095-1830)	21-1/2 (546)	21	1-1/8 (28)	3/4	25 (1.8)	112 (53)	165 (75)
2AP221_96	28000 (12700)	73-96 (1855-2440)	21-1/2 (546)	21	1-1/8 (28)	3/4	25 (1.8)	112 (53)	210 (95)
2AP221_120	28000 (12700)	97-120 (2465-3050)	21-1/2 (546)	21	1-1/8 (28)	3/4	25 (1.8)	112 (53)	250 (114)
2AP221_144	28000 (12700)	121-144 (3075-3660)	21-1/2 (546)	21	1-1/8 (28)	3/4	25 (1.8)	112 (53)	295 (134)
2AP227_72	48000 (21790)	55-72 (1400-1830)	27-1/2 (700)	27	1-3/8 (35)	1	25 (1.8)	126 (60)	205 (93)
2AP227_96	48000 (21790)	73-96 (1855-2440)	27-1/2 (700)	27	1-3/8 (35)	1	25 (1.8)	126 (60)	260 (118)
2AP227_120	48000 (21790)	97-120 (2465-3050)	27-1/2 (700)	27	1-3/8 (35)	1	25 (1.8)	126 (60)	315 (143)
2AP227_144	48000 (21790)	121-144 (3075-3660)	27-1/2 (700)	27	1-3/8 (35)	1	25 (1.8)	126 (60)	370 (168)

THREE-PLANK SYSTEMS

Model (Insert Code N = Neoprene U = Urethane) (1)	System Capacity lbs. (kg) (2)	Plank Length Min-Max inches (mm)	Plank Width inches (mm)	Model of Aero- Casters (1)	Effective Lift Height inches (mm) (3)	Req'd size plant air hookup (NPT) inch (4)	Rated Operating Pressure psig (kg/cm2) (5)	Air Volume scfm* (L/sec) (6&7)	Equipment Net Weight lbs. (kg)
3AP212_72	12000 (2450)	25-72 (635-1829)	12-1/2 (318)	12	3/4 (19)	3/4	25 (1.8)	126 (60)	155 (70)
3AP212_96	12000 (2450)	73-96 (1854-2438)	12-1/2 (318)	12	3/4 (19)	3/4	25 (1.8)	126 (60)	195 (89)
3AP212_120	12000 (2450)	87-120 (2464-3048)	12-1/2 (318)	12	3/4 (19)	3/4	25 (1.8)	126 (60)	230 (104)
3AP212_144	12000 (2450)	121-144 (3073-3658)	12-1/2 (318)	12	3/4 (19)	3/4	25 (1.8)	126 (60)	270 (123)
3AP215_72	21000 (9530)	31-72 (787-1829)	15-1/2 (394)	15	7/8 (22)	3/4	25 (1.8)	147 (69)	185 (84)
3AP215_96	21000 (9530)	73-96 (1854-2438)	15-1/2 (394)	15	7/8 (22)	3/4	25 (1.8)	147 (69)	230 (104)
3AP215_120	21000 (9530)	97-120 (2464-3048)	15-1/2 (394)	15	7/8 (22)	3/4	25 (1.8)	147 (69)	275 (125)
3AP215_144	21000 (9530)	121-144 (3073-3658)	15-1/2 (394)	15	7/8 (22)	3/4	25 (1.8)	147 (69)	330 (150)
3AP221_72	42000 (19060)	43-72 (1092-1829)	21-1/2 (546)	21	1-1/8 (28)	3/4	25 (1.8)	168 (79)	245 (111)
3AP221_96	42000 (19060)	73-96 (1854-2438)	21-1/2 (546)	21	1-1/8 (28)	3/4	25 (1.8)	168 (79)	315 (143)
3AP221_120	42000 (19060)	97-120 (2464-3048)	21-1/2 (546)	21	1-1/8 (28)	3/4	25 (1.8)	168 (79)	375 (170)
3AP221_144	42000 (19060)	121-144 (3073-3658)	21-1/2 (546)	21	1-1/8 (28)	3/4	25 (1.8)	168 (79)	440 (200)

- (1) Select Neoprene or Urethane series Aero-Casters according to application requirements. To complete model number, insert N (neoprene) or U (urethane) in the blank listed above.
 - (2) Load must be positioned so individual Aero-Caster capacities are not exceeded.
 - (3) Variances depending on Aero-Caster material – Consult Factory.
 - (4) Recommended for air supply hose length up to fifty (50) feet, consult factory for longer lengths.
 - (5) Recommended supply pressure 25 psig above rated operating pressure
 - (6) Air maximum load on required smooth troweled and sealed concrete or equivalent.
(Includes large reserve factor)
 - (7) Listed for Neoprene (N) – for Urethane (U) estimate 1.5 times larger.
- All dimensions are approximate--- Are you specing a design? Consult Factory for precise specifications.

