



Versatile and Efficient Load Moving

AeroGo® Aero-Planks are simple to operate and versatile, easily configured for a variety of load moving applications. Designed specifically for applications where the load is long and narrow, simply slide two or more Aero-Planks under the load for ease of movement and positioning. With Aero-Planks one person can easily move thousands of pounds. Load movement is easy, ergonomic, and omnidirectional, especially in confined spaces. Aero-Planks utilize the efficiency of fluid film technology to float heavy loads on a near-frictionless film of air.

Eliminate Floor Damage: Aero-Planks use air casters, which distribute the load weight over a larger surface area than with rollers or wheels. Load stress is spread evenly across the surface, eliminating floor damage.

Cost Effective: AeroGo systems do not require expensive tracks or reinforced floors and building structures, thereby more cost efficient than traditional load movement methods. And, since there are no moving parts, maintenance costs are reduced.

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

Customize Your Aero-Plank System™

- Operator Handle (1½ inch round steel) with throttle control
- Slide-Mount Aero-Casters
- No-load swivel wheels - fixed height or spring loaded
- Manual regulation for each Aero-Caster
- Guide wheel - for heavy load control
- Fixed roll chocks for paper roll handling
- Three or more Aero-Casters per plank
- Two or more planks per application



Versatile Aero-Planks can be used to move everything from machines to containers – anything up to 5000 tons.





Model	System Capacity (lbs) (1)	Number of Planks	Dimensions of Each Plank			Height (inches)	Lift (inches)	Operating Pressure (psi) (2)	Recommended Air Volume (scfm) (3)
			Length * (4)		Width (inches)				
			Minimum (inches)	Maximum (inches)					
2AP212N _*	10,000	2	25	144	12-1/2	1-7/8	3/4	30	98
3AP212N __	15,000	3	25	144	12-1/2	1-7/8	3/4	30	147
2AP215N __	17,000	2	31	144	15-1/2	1-7/8	7/8	30	98
2AP212NHD __	20,000	2	25	144	12-1/2	1-7/8	3/4	60	112
3AP215N __	25,500	3	31	144	15-1/2	1-7/8	7/8	30	147
2AP221N __	28,000	2	43	144	21-1/2	2	1-1/8	25	84
3AP212NHD __	30,000	3	25	144	12-1/2	1-7/8	3/4	60	168
2AP215NHD __	34,000	2	31	144	15-1/2	1-7/8	7/8	60	140
3AP221N __	42,000	3	43	144	21-1/2	2	1-1/8	25	126
3AP215NHD __	51,000	3	31	144	15-1/2	1-7/8	7/8	60	210
2AP227N __	56,000	2	55	144	27-1/2	2-7/16	1-3/8	30	154
2AP221NHD __	64,000	2	43	144	21-1/2	2	1-1/4	60	175
3AP227N __	84,000	3	55	144	27-1/2	2-7/16	1-3/8	30	231
2AP236N __	96,000	2	73	144	36-1/2	2-11/16	1-3/4	30	203
3AP221NHD __	96,000	3	43	144	21-1/2	2	1-1/4	60	263
2AP227NHD __	112,000	2	55	144	27-1/2	2-7/16	1-1/2	60	336
3AP236N __	144,000	3	73	144	36-1/2	2-11/16	1-3/4	30	305
3AP227NHD __	168,000	3	55	144	27-1/2	2-7/16	1-1/2	60	504
2AP236NHD __	200,000	2	73	144	36-1/2	2-11/16	1-7/8	60	378
3AP236NHD __	300,000	3	73	144	36-1/2	2-11/16	1-7/8	60	567

(1) Aero-Plank capacity assumes evenly distributed load. Off-center loads may exceed capacity of individual Aero-Casters. Consult factory.

(2) Recommended supply pressure: 25 psig above rated operating pressure

(3) Maximum required air volume at full load on smooth troweled and sealed concrete or equivalent. (Includes **Large** Reserve Factor to compensate for less than ideal conditions)

(4) Plank length dimensions refers to the acceptable load area. Manifold at air inlet ends add 1.5" (38mm) to overall length. Manifold cannot support the load weight and must extend beyond the load.