

## Economically move loads from 1 to 14 tons



AeroGo Aero-Pallets are designed to operate for load capacities from 1-14 tons. They are ideal for any application moving heavy, bulky loads. Because their travel path can change in every direction, Aero-Pallets are especially popular in applications such as lean manufacturing, product testing, manufacturing and component assembly. Aero-Pallets can work alongside or replace forklifts, cranes and conveyors at a fraction of the cost. Aero-Pallets are constructed of aluminum decks over four or more air caster units. Optional handles, chocks, throttle controls, and no-load wheels are available.

**Ideal for Manufacturing.** The omnidirectional Aero-Pallet does not require any permanent floor fixtures or rails. The travel path can change as necessary. Components can be floated to the side of an assembly line without slowing production.

**Near Zero Vibrations or Emissions.** Quiet operation with zero emissions and vibration-less movement. A proven effective handling method for moving calibrated equipment.

### Features:

- Economically move loads from 1-14 tons
- Guide wheels for optimum load control
- Low profile
- Self-loading
- No load wheels for easier movement when casters are deflated
- Optional handles available
- Optional handle throttle controls



*Aero-Pallet with optional J-handle*

### Advantages to Moving Heavy Loads with Air Caster Technology:

- Low profile
- Low friction – no floor damage
- Economical and reliable
- Flexible for a variety of applications
- Easy omnidirectional multi-positioning
- Precise positioning without floor damage compared to traditional material handling equipment methods
- Ergonomic – reduces lift hazards
- Utilizes existing shop air
- Aero-Casters meet ASME specifications

Standard Specifications

Capacity (lbs)	Model Number	Deck Size Area* (sq ft)		Fixed Mount		Net Wt. (lbs)	Air Flow** (SCFM)
		Min	Max	Height (in)	Lift (in)		
4,000	4P8 -- --	2	5	1-7/8	3/8	55	32
4,000	4P8 -- --	5.1	10	1-7/8	3/8	85	32
4,000	4P8 -- --	10.1	15	1-7/8	3/8	115	32
10,000	4P12 -- --	4	10	1-7/8	3/4	85	56
10,000	4P12 -- --	10.1	15	1-7/8	3/4	115	56
10,000	4P12 -- --	15.1	20	1-7/8	3/4	145	56
10,000	4P12 -- --	20.1	25	1-7/8	3/4	175	56
17,000	4P15 -- --	7	10	1-7/8	7/8	90	56
17,000	4P15 -- --	10.1	15	1-7/8	7/8	120	56
17,000	4P15 -- --	15.1	20	1-7/8	7/8	150	56
17,000	4P15 -- --	20.1	25	1-7/8	7/8	180	5
28,000	4P21 -- --	13	15	2	1-1/8	130	48
28,000	4P21 -- --	15.1	20	2	1-1/8	160	48
28,000	4P21 -- --	20.1	25	2	1-1/8	190	48
15,000	6P12 -- --	25	30	1-7/8	3/4	210	84
15,000	6P12 -- --	30.1	35	1-7/8	3/4	240	84
15,000	6P12 -- --	35.1	40	1-7/8	3/4	270	84
15,000	6P12 -- --	40.1	45	1-7/8	3/4	300	84
25,500	6P15 -- --	25	30	1-7/8	7/8	215	84
25,500	6P15 -- --	30.1	35	1-7/8	7/8	255	84
25,500	6P15 -- --	35.1	40	1-7/8	7/8	275	84
25,500	6P15 -- --	40.1	45	1-7/8	7/8	305	84

Metric Specifications

Capacity (kg)	Model Number	Deck Size Area* (m <sup>2</sup> )		Fixed Mount		Net Wt. (kg)	Air Flow** (L/sec)
		Min	Max	Height (mm)	Lift (mm)		
1,816	4P8 -- --	0.19	0.46	48	10	25	15
1,816	4P8 -- --	0.47	0.93	48	10	39	15
1,816	4P8 -- --	0.94	1.39	48	10	52	15
4,536	4P12 -- --	0.37	0.93	48	19	39	26
4,536	4P12 -- --	0.94	1.39	48	19	52	26
4,536	4P12 -- --	1.40	1.86	48	19	66	26
4,536	4P12 -- --	1.87	2.32	48	19	79	26
7,708	4P15 -- --	0.65	0.93	48	22	41	26
7,708	4P15 -- --	0.94	1.39	48	22	54	26
7,708	4P15 -- --	1.40	1.86	48	22	68	26
7,708	4P15 -- --	1.87	2.32	48	22	82	26
12,700	4P21 -- --	1.21	1.39	51	29	59	23
12,700	4P21 -- --	1.40	1.86	51	29	73	23
12,700	4P21 -- --	1.87	2.32	51	29	86	23
6,804	6P12 -- --	2.32	2.79	48	19	95	40
6,804	6P12 -- --	2.80	3.25	48	19	109	40
6,804	6P12 -- --	3.26	3.72	48	19	122	40
6,804	6P12 -- --	3.73	4.18	48	19	136	40
11,562	6P15 -- --	2.32	2.79	48	22	98	40
11,562	6P15 -- --	2.80	3.25	48	22	116	40
11,562	6P15 -- --	3.26	3.72	48	22	125	40
11,562	6P15 -- --	3.73	4.18	48	22	138	40

\*Manifold at air inlet ends add 1.5-inch (.38mm) to overall length. Manifold cannot support the load weight and must extend beyond the load.

\*\*NOTE ON ESTIMATED AIR FLOW: Air flow listed on this page is an estimate of the air flow at a given load, and a good operating surface. Always multiply this air flow data times 1.75 (1.5 for Gapmaster) to provide a safety factor or when calculating air compressor requirements.