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MECAVERIN

Vérins & Systèmes hydrauliques - Fabrication, Réparation, Maintenance - Solutions de Levage & Manutention Intra-logistique pour charges lourdes

AeroGo

Aero-Pallet™

Economically Move Loads from 1 to 14 tons

Aero-Pallets assist or replace forklifts, cranes or conveyors to move heavy, bulky loads for a fraction of the cost of traditional material handling methods.

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.

Available Options:
- Operator handles in T- or U-shaped configuration
- Handle throttle controls
- No load wheels for easier movement when casters are deflated
- Guide wheels for optimum load control
- Risers, shims or chocks to best mate the deck to the load's footprint
- Lift tables – add vertical lift to your horizontal moves
- Slide-Mount Aero-Casters for easiest caster replacement

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 multi-positioning; omnidirectional
- 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

The Aero-Pallet is a low profile, self-loading material mover which provides omnidirectional and precise positioning with zero emissions. (Shown above with optional U-shaped handle and no-load wheels.)

Aero-Pallets are a proven economical alternative to traditional material handling methods in factories, cleanrooms, shipping, storage and testing areas

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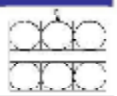
NEOPRENE FOUR CASTER AERO-PALLET SYSTEMS

Capacity (lbs)	Model Number	Deck Size Area+ (sq ft) Min	Deck Size Area+ (sq ft) Max	Fixed-Mount Height (in)	Fixed-Mount Lift (in)	Slide-Mount Height (in)	Slide-Mount Lift (in)	Net Weight (lbs)	Air Flow ++ (SCFM)
4,000	4P8 -- --	2	5	1-7/8	3/8	1-7/8	5/16	55	32
4,000	4P8 -- --	5.1	10	1-7/8	3/8	1-7/8	5/16	85	32
4,000	4P8 -- --	10.1	15	1-7/8	3/8	1-7/8	5/16	115	32
10,000	4P12 -- --	4	10	1-7/8	3/4	2	9/16	85	56
10,000	4P12 -- --	10.1	15	1-7/8	3/4	2	9/16	115	56
10,000	4P12 -- --	15.1	20	1-7/8	3/4	2	9/16	145	56
10,000	4P12 -- --	20.1	25	1-7/8	3/4	2	9/16	175	56
17,000	4P15 -- --	7	10	1-7/8	7/8	2	11/16	90	56
17,000	4P15 -- --	10.1	15	1-7/8	7/8	2	11/16	120	56
17,000	4P15 -- --	15.1	20	1-7/8	7/8	2	11/16	150	56
17,000	4P15 -- --	20.1	25	1-7/8	7/8	2	11/16	180	56
28,000	4P21 -- --	13	15	2	1-1/8	2-1/8	15/16	130	48
28,000	4P21 -- --	15.1	20	2	1-1/8	2-1/8	15/16	160	48
28,000	4P21 -- --	20.1	25	2	1-1/8	2-1/8	15/16	190	48

NEOPRENE SIX CASTER AERO-PALLET SYSTEMS



Capacity (lbs)	Model Number	Deck Size Area+ (sq ft) Min	Deck Size Area+ (sq ft) Max	Fixed-Mount Height (in)	Fixed-Mount Lift (in)	Slide-Mount Height (in)	Slide-Mount Lift (in)	Net Weight (lbs)	Air Flow ++ (SCFM)
15,000	6P12 -- --	25	30	1-7/8	3/4	2	9/16	210	84
15,000	6P12 -- --	30.1	35	1-7/8	3/4	2	9/16	240	84
15,000	6P12 -- --	35.1	40	1-7/8	3/4	2	9/16	270	84
15,000	6P12 -- --	40.1	45	1-7/8	3/4	2	9/16	300	84
25,500	6P15 -- --	25	30	1-7/8	7/8	2	11/16	215	84
25,500	6P15 -- --	30.1	35	1-7/8	7/8	2	11/16	255	84
25,500	6P15 -- --	35.1	40	1-7/8	7/8	2	11/16	275	84
25,500	6P15 -- --	40.1	45	1-7/8	7/8	2	11/16	305	84

+ Manifold at air inlet ends add 1.5-inch to overall length. Manifold cannot support the load weight and must extend beyond the load.

Each Aero-Pallet Includes:

- Four/Six Aero-Casters
- Manifold matches width dimensions
- Automatic flow control valves
- One pressure regulator
- One on/off ball valve
- Slide-Mount Systems also include Aero-Caster removal tool
- ***Supply hose available at an additional cost***

++ 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; when providing data to a customer; or when calculating air compressor requirements.

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