



AeroGo Ergonomic Load Moving Equipment

Standard products to move any load on air



Aero-Pallet™



Aero-Planks™



Load Module System™

LOAD MODULE SYSTEMS™



Load Modules™ and Load Module Systems™ utilize the efficiency of the Aero-Caster® to lift and move loads of any size, shape or

weight. Load Module Systems™, one of AeroGo's most versatile products, are made up of four or more Load Modules™. Positioned under any load shape, they provide lift and support wherever it's needed. With Load Module™ capacity ranging from 1/2 ton to 60 tons, Load Modules™ are available to move anything that isn't anchored down. The Load Modules™ thin profile allows AeroGo's products to be easily inserted under most equipment, eliminating the need for a separate jacking system, as well as providing vertical lift when inflated.

Unlike caster wheels, which resist changes in direction, Load Module Systems™ are truly omni-directional, requiring no additional force to change direction.

Load Module Systems™ are lightweight and easily positioned under a load. Control Consoles provide individual pressure regulation to compensate for unequal load distribution. Because Load Modules™ float on a nearly frictionless film of air, loads can often be moved manually, without the need for tow vehicles or winches.

AERO-PLANK SYSTEMS™

Aero-Planks™ are designed for use with loads having minor variations in width but large variations in length. Set-up is easy and fast, requiring only one air hose connection.

Aero-Planks™ can be used in combinations of two or more to move long complex machines such as printing presses or mail sorting machinery. Using Aero-Planks™ avoids time consuming and costly work interruptions, and machine disassembly and reassembly.

Aero-Planks™ are available in varying lengths and widths to accommodate almost any load configuration.

Aero-Planks® are frequently used in flexible manufacturing systems and assembly lines to replace cumbersome track, rail or in-floor conveyor systems. Aero-Planks™ offer unprecedented flexibility with omni-directional movement and can free-up cranes and forklifts for other tasks. Uneven loads can be automatically adjusted using a single air pressure regulator in combination with built-in active flow controls.



Interconnect hoses allow for varying load lengths.

AERO-PALLET SYSTEMS™

Aero-Pallets™ are designed to easily move and precisely position heavy loads on a nearly frictionless film of air, eliminating operator strain and damage to load or floor. Their flexibility is ideal for Lean-Flow manufacturing applications as well as production support and testing. Catalog models handle loads from 500 pounds (230kg) to 14 tons – and engineered solutions can address almost any load or configuration. Optional handles, throttle controls, and no-load wheels make it even easier to operate the Aero-Pallet™ loaded or unloaded. AeroGo products are reliable and virtually maintenance free – all you need is air.

You will move loads less expensively than the total operating cost of other load moving systems. The new AS-25 Air Shuttle™ packages the most popular options with a super easy control handle, making it the easiest and most capable Aero-Pallet™ ever

made. The base model is rated at 2.5 tons and is available from stock in a variety of sizes. Aero-Pallets™ replace or assist expensive rollers, overhead conveyors, cranes or forklifts, creating a better workspace for assembly personnel. Their omni-directional advantage allows individual assemblies to be moved in any direction in or out of the line – for testing, repairs or special steps. Aero-Pallets™ are available with fixed or automatic chocks for super-easy handling of round paper or steel rolls and are easily modified for deck tooling or lift tables. They are ideal in cleanrooms and hazardous or explosive environments because the only power required is compressed air.

Aero-Pallets™ are easy to use... just connect the air, float and move your load where you need it.



AS-25 version Aero-Pallet with standard T-handle.

Rigging, Equipment Moves, Special Uses

Applications:

Load Module Systems™ solve a variety of load moving problems. In countless applications throughout the world, whether you need to move a sensitive computer system on a computer room floor designed to handle minimal loading or move a 3,000-ton steel and concrete caisson from land to a barge, Load Module Systems™ can do the job.

▲ A rigger selected Load Modules™ to move x-ray equipment into a hospital through a door with minimal clearance, eliminating the need to disassemble the machine.



▲ A leading Fortune 50 high tech manufacturer specifies that AeroGo products must be used for all equipment moves and installations in their plants - whether by outside riggers or in-plant personnel. They are impressed with Aero-Caster® flexibility, load carrying capability, sensitive treatment of equipment and freedom from damage to raised floors.

▲ A leading USA firm saved over \$7M in their first year of using AeroGo Load Module Systems™ to rearrange long line equipment up to 90-feet (30m) in length.

Manufacturing Assembly, Production, Testing

Applications:

Aero-Plank Systems™ offer a truly ergonomic solution where operator strain and fatigue are a concern. Employees of all sizes can lift and move heavy loads on Aero-Planks.™

▲ Workers at a candy factory were required to move heavy conveyors daily for cleaning. This caused numerous back injuries and compensation claims. After replacing the conveyor wheels with Aero-Planks,™ back injuries have been eliminated.



▲ A CNC machine tool maker in South Korea installed five Aero-Plank Systems™ in their flexible assembly line. Now workers easily move the machines along the line, adding components, without waiting for a forklift or crane to do the job.

▲ A seating manufacturer installed Aero-Planks™ on their retractable seating products for gymnasiums. Retracting or moving the seating for various events is much easier and smoother with Aero-Planks™ and has eliminated floor damage.

Manufacturing Assembly, Production, Roll/Reel Handling

Applications:

▲ A switchbox manufacturer uses a single Aero-Pallet™ to easily and economically handle multiple assembly stations – each on a simple skid pallet. Production units move through assembly with more productivity and flexibility, but with less product damage than their previous overhead crane methods.

▲ A high-tech manufacturer uses Aero-Pallets™ to move production into critical processing and testing steps. Ease of movement in tight spaces was a key initial reason for selecting AeroGo, but operators also have been very impressed with the fine positioning and omni-directional move capabilities.

▲ An advanced medical equipment manufacturer utilizes AeroGo Air Shuttles™ to allow any employee to handle their heaviest loads with ease and without lost productivity waiting for material handling equipment. Despite a more compressed and higher output facility, there is no damage from dropping or bumping.

▲ A “Lean Flow” manufacturing plant moves air compressors through their improved multi-path assembly process in 50% less cycle time with AeroGo. The flexible and omni-directional Aero-Pallets™ helped increase production 75% with a dramatic decrease in inventory. The workflow routing can also be modified at any time by simply changing the yellow floor lines – something not always possible with conveyor or wheeled systems.

▲ AeroGo worked with a chiller manufacturer to build custom Aero-Pallets™ for a new manufacturing plant. The new facility is showcased for its increased productivity and flexibility. The customer’s study showed Aero-Pallets™ to be 25% more economical than battery-powered handling equipment.

Aero-Pallet™ moving an air compressor through assembly.





▲ Power Drives

Pneumatic and Electric Drives are available in a variety of sizes and may be detachable or permanently mounted to loads. Generally used with loads of 2 tons or more, AeroGo Drives provide a safe and accurate motive force for positioning heavy loads.



▲ Guide Wheels

Available for use on Aero-Planks™ and Aero-Pallets,™ Guide Wheels prevent side drift on slopes when moving heavy loads – plus provide even greater positioning control.

▲ Storage Carts

Storage carts provide an easy and secure method for storing and transporting AeroGo's Load Module Systems.™



▲ Heavy Duty Storage Carts

Heavy duty storage carts are equipped with large heavy duty caster wheels and a hose reel for ease of handling supply hoses.

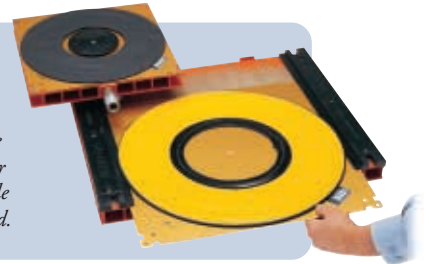
▲ Fixed Control Console

AeroGo's fixed mount Control Console is available for applications which require AeroGo equipment to be permanently attached to a load.



▲ Slide Mount

The Aero-Caster® Slide Mount provides an easy method to remove the Aero-Casters® for inspection or repair, while loaded or unloaded.



▲ Festoon System & Air Handling Accessories

A variety of overhead and convenience products are available to help simplify air hose handling and make AeroGo products even easier to use. Several overhead boom products can help boost productivity and ease air hose accessibility in basic local layouts. Overhead rail festoon systems are very effective in easing longer travel distances and repeat trips- available in lengths up to 400 ft. (120m) and even longer. These may be combined with hose reels for the ultimate in productivity and convenience.

Call for information on your application.

▲ Aero-Jacks™

Aero-Jack Systems™ provide lifting capacity up to 146 tons, are light – weight, require less than 1 inch (25mm) of insertion space and provide a safe jacking method for heavy loads.



▲ Hose Reel with Supply Hose

AeroGo offers an extensive selection of manual, spring, and power assisted hose reels.



▲ Safety Fuse

Designed for use with air supply hoses, the safety fuse prevents potentially dangerous hose whips and possible operator injury should the hose accidentally become disconnected, severed or broken.



AeroGo's Economical Solutions For Moving Heavy Loads

Product Advantages

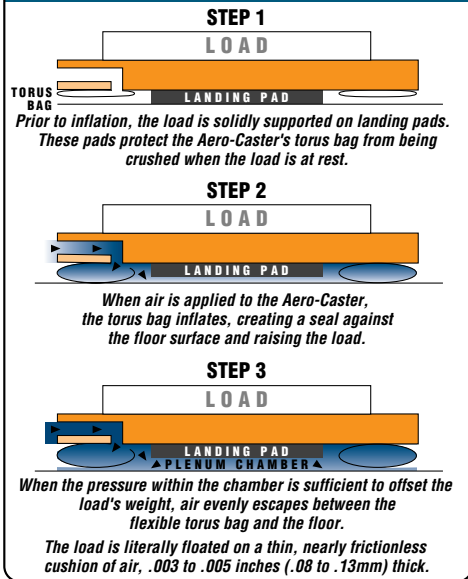
- **Low Friction:** Floating your heavy load on a nearly frictionless film of air requires less effort than using conventional casters or wheels.
- **Easy Turning:** Omni-directional movement allows you to use the same minimal force to move or turn your load in any direction. Easier than conventional wheels or rollers – especially through tight spaces.
- **Low and Safe:** The Aero-Caster® thin profile offers the advantage of easy insertion under your load, without the need for an additional jacking system, while at the same time keeping your move low to the ground.
- **Vertical Lift:** AeroGo products provide their own vertical lift when inflated.
- **Flexibility:** Cut cycle time by changing the workflow path at any time with little or no cost – no fixed structures as you would have with cranes, rails, conveyors, etc.
- **No Floor Damage:** Low floor loading means minimal structural requirements - spreads weight over a wider area and eliminates point loading to extend the life of your concrete or delicate floors.
- **Economical:** Compared to conventional systems, you'll get lower initial costs, lower operating costs and increased productivity.

Aero-Casters® are available in over 15 standard sizes from 6-60 inches (150 – 1500 mm) and over 10 different models for various operating conditions.



The Aero-Caster® was developed in 1967 by AeroGo to move heavy or delicate loads. Aero-Casters® utilize the efficiency of fluid film technology to actually float heavy loads on a nearly frictionless film of air. One person with Aero-Caster® equipped products, can easily move very heavy loads in any direction.

The Aero-Caster Principle:



Reliable and Easy To Use

Load Module Systems,™ Aero-Planks™ and Aero-Pallets™ are made from lightweight aluminum plate and extrusion. Their low-profile – typically less than 3 inches (80mm) high – means less jacking or cribbing to insert under a load and more overhead clearance when moving a load. With virtually no moving parts, Aero-Caster® equipped systems ensure superior uptime and safe operation.



No load is too heavy or delicate, and no application too tough

Whether you are moving a 1/2 ton Super Computer or a 3,000-ton ship section, AeroGo has been offering custom engineered solutions and unsurpassed advantages over traditional methods for over 30 years.



AeroGo Authorized Dealers – For Product, Support, Service, and Customer Satisfaction

Our worldwide network of factory trained dealers provide local sales support, application analysis, start-up assistance and ongoing service. Beginning with a thorough analysis of your application, AeroGo dealers will recommend the proper AeroGo product for your job. In many cases, they can demonstrate AeroGo equipment at your facility to assist in your purchase evaluation.

AeroGo dealers are experts in material handling and can offer start-up assistance when your AeroGo product arrives. Most of our dealers also have technical service departments that provide service and parts assistance after installation.

For the name and number of your nearest AeroGo dealer anywhere in the world, contact our office in Seattle.

Call for brochure on custom applications.



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