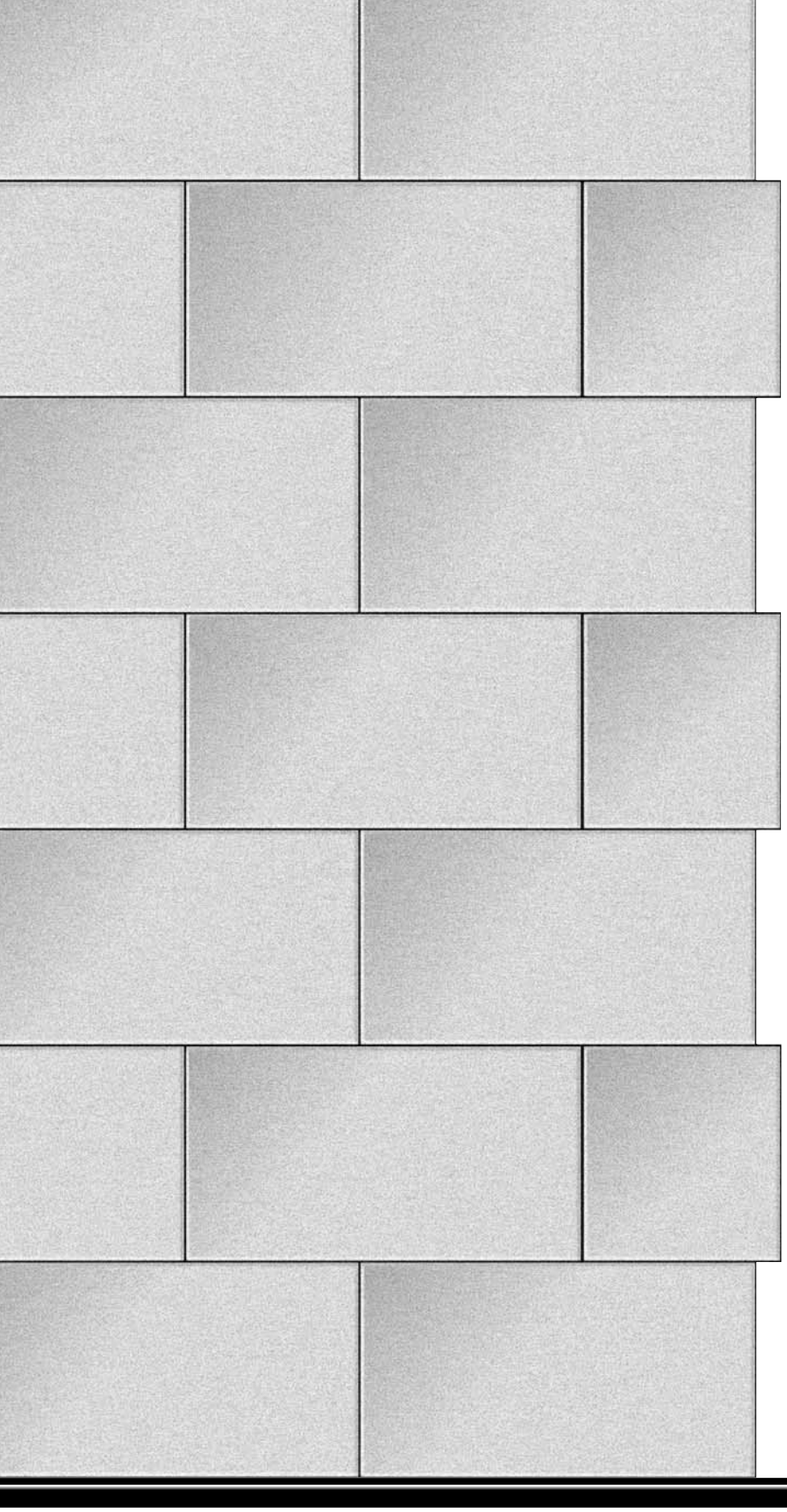


AIRSLED®

A unique and simple solution to handling tough equipment moving problems.

Based on air film technology, the Airsled® load movement system solves the problem of moving heavy loads simply, efficiently, and safely. Whether you're moving a small appliance or a large piece of industrial equipment … the Airsled® system is a time-saving, cost-efficient, safe solution to your material handling needs.

How Does Airsled Work

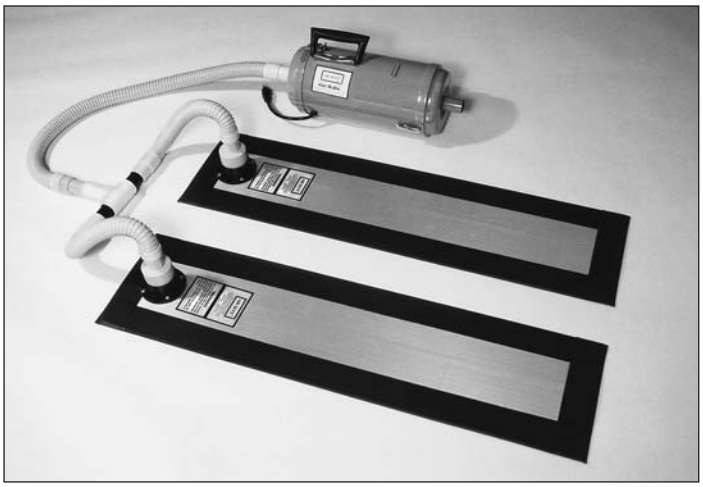
Airbeams or casters – comprised of perforated, Neoprene-coated nylon sealed to the edges of a rigid backing surface – simply slip under the object to be moved. Air is forced through small holes on the undersides of the airbeams, generated from one or more low pressure blowers connected by hoses to points on the airbeams. When the blowers are turned on, a pressure of about one pound per square inch is created and the load rises on a thin cushion of air.

Airsleds are designed in different sizes for different sized loads ranging up to 20,000 lbs. By increasing the surface area of the airbeams, and utilizing additional blowers, a greater load can be moved. Based on using one blower per pair of airbeams, lifting capacity can quickly be calculated by multiplying the number of square inches of the airbeams x the number of airbeams x 1.5 (13 amp blower).

Completely portable, and easy to use, this system can adapt to many types of loads. For additional information on the best system for you, contact our Customer Service team for a quick review of your project, and system recommendation.

The Ergonomic Advantage

The Occupational Safety & Health Administration (OSHA) has reported that back injuries are a common workplace hazard, accounting for one out of every five workplace injuries and illnesses in the U.S.

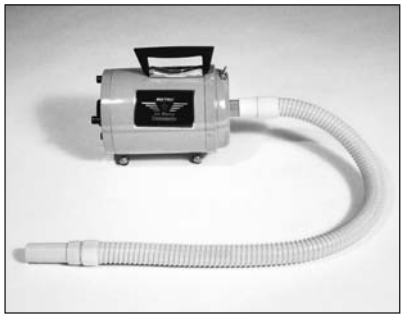


Bodily stress often associated with moving heavy loads is virtually eliminated with the Airsled® system. Because the push/pull factor is approximately 1% of the total load weight, the possibility of back strain, bodily injury, and fatigue is almost nonexistent.

The Airsled® system is also recommended for employees with lifting restrictions, and has become instrumental in a safe and quick return to work for employees who otherwise would have experienced limited or lost work time.

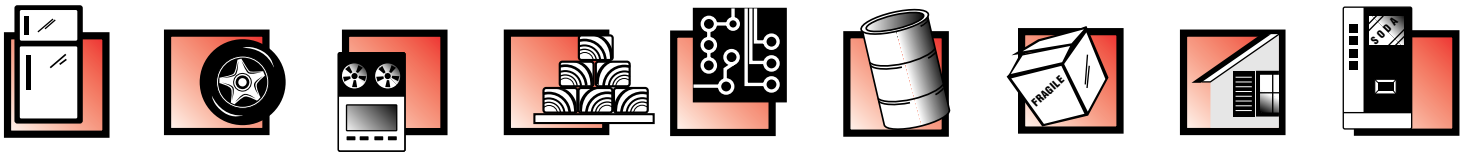
Additional Features

- **Reduced Labor Costs** – requires less time and fewer employees than traditional material handling methods.
- **Reduced Floor Damage** – because the point load is minimized, there is no scratching or marring to the floor.
- **Easy-To-Use** – the only requirement is a smooth, level floor and enough accessible surface area to lift the load. Note that the Airsled® system can move over expansion joints and cracks up to 3/4" wide.
- **Lightweight** – shoulder strap blower weighs only 12 pounds.



- **Simple Hook-Up** – can be ready to go in seconds…slip airbeams under the load, attach and activate blower(s).
- **Guaranteed Performance** – 30-day, 100% money-back guarantee, plus 1-year warranty on standard systems.
- **Manageable** – equipment can be moved in and out of confined areas with exceptional precision.
- **Increased Productivity** – less fatigued, employees are quickly able to move on to other projects.

The Airsled® can be used in an unlimited variety of commercial and industrial applications. Used by more than 100,000 plant engineers, maintenance personnel, remodelers, movers and installation groups. The Airsled® System is ideal for moving computers, peripheral equipment, dies, various types of machinery, appliances, and vending machines.



Appliances *Automotive* *Communication* *Construction* *Electronics* *Maintenance* *Moving* *Remodeling* *Vending*

CUSTOM SYSTEMS

Up to 20,000 Lb. Capacity

Airbeams
- Backing surface: choice of plywood or aluminum
- Slip surface: neoprene-coated polyester

Power Unit
- Heavy-duty (4.0 hp) industrial blower
- 13 amps 120v., 60Hz
- 3 heavy-duty hoses with connections
- Shoulder strap for hands-free operation

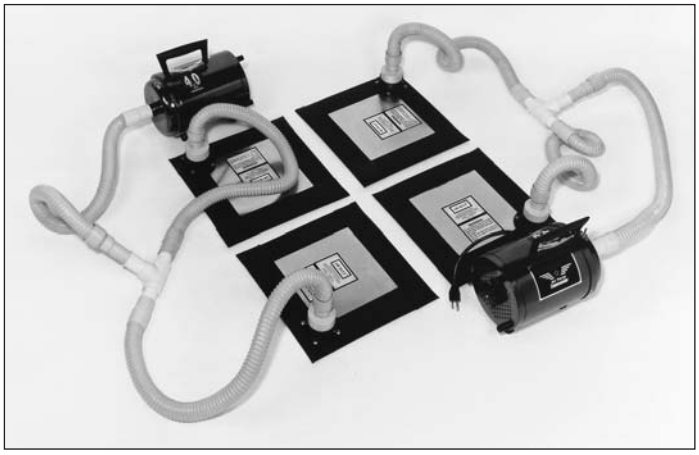
Components
A typical system includes:
- 2 rectangular airbeams with 1 blower per pair - or
- 2 or more airbeams with 1 blower per airbeam

How To Determine Lifting Capacities
- Using one blower per pair of airbeams -
  multiply total square inches of airbeams x 1.5
- Using one blower per airbeam -
  multiply total square inches of airbeams x 2.25

Although Airsled® Systems can cross cracks and variances up to 3/4", capacities are maximized when moving across smooth, sealed floor surfaces. Capacities decrease in direct proportion to floor quality.

Quad Systems

Recommended For A Variety Of Loads In Four Weight Categories, With Capacities Ranging Up To 3500 Lbs.



Airbeams
- 4 airbeams per system
- Dimensions: 9" x 9", 12" x 12", 18" x 18", or 24" x 24"
- Backing surface: choice of plywood or aluminum

Power Unit
- 2 heavy-duty, 13 amp 120v. industrial blowers per system
- Sturdy steel housing
- Replaceable filter

Hoses
- 1.25" wire-reinforced medium-duty reinforced vinyl
- 2 each, 36" blowers to tees
- 2 each tee fittings
- 4 each, 36" tees to airbeams
- 6 each, 1.25" hose clamps

STANDARD SYSTEMS

Model 3204

Basic Equipment Mover With 1400 Lb. Capacity
(SodaFloat® Model Designed For Vending Machines)

Components
- 2 - 12" x 39" x 3/16" aluminum airbeams
- Dual purpose heavy-duty 4hp vacuum and blower with attachments. Weight, 12 lbs.
- 2 nylon carrying bags
- 4-piece rough surface adapter kit
- 3 connecting hoses
- T-connector
- Shoulder strap for hands-free operation
- Shipping weight - 45 lbs.

Model 2014

Standard Appliance Mover With 800 Lb. Capacity

Components
- 2 - 9" x 36" x 1/8" aluminum airbeams
- Dual purpose heavy-duty 4hp vacuum and blower with attachments. Weight, 12 lbs.
- 2 nylon carrying bags
- 4-piece rough surface adapter kit
- 3 connecting hoses
- T-connector
- Shoulder strap for hands-free operation
- Shipping weight, 30 lbs.

Accessories

Spacer systems to move items on legs such as vending machines and appliances are available to fit Models 3204 and 2014 described above. SubZero® adapters are also available.

Custom Systems

The Airsled Customer Service team is available to help you determine the right system for your load movement project. Although our standard models meet most moving requirements, we are frequently asked to design systems to meet very special needs.

For additional information on how Airsled® can simplify your load movement project, call **1-800-AIRSLED.**

Partial Listing of Customers

Allied Van Lines
AG Communications
Andrews Air Force Base
AlCan
Alltrista Metals
Avery Dennison
Boeing
Canada Dry
Circuit City
Coca Cola
Dana Corporation
DuPont
E-Systems
Electronic Assembly Corporation
Ford Motor Company
Four Seasons Hotel
Franklin Institute
Fred Hill and Sons
Frigidaire
Fugi
General Electric
General Motors
Global Van Lines
Home Improvement
Hovair Systems
HUD
IBM
Intergraph Corporation
Johnson Engineering
Lowes
Martin Marietta
Mayo Medical Center
Maytag
Metropolitan Museum of Art
Montgomery Ward
NASA
NorthAmerican Van Lines
OMNI
Oneida Nations Electronics
Paul Davis Systems
People's Natural Gas
PepsiCo
Plexus
Polymer Tech
Roofing Equipment
Sanko
Sears
Siemens Gammasonics
ServiceMaster
Unicon
Union Pacific
Universal Instruments
US Communications
US West
Unidex
Unisys
United Van Lines
Wenger
Westinghouse
Whirlpool

Airsled® Systems Receive High Marks …

"The sleds make it easy to maneuver chip shooters in tight places where pallet jacks don't fit."

Electronic Assembly Corporation

"It is so cool, so slick. Makes it so easy."

IBM Corporation

"We used to get in riggers whenever we needed to reconfigure the assembly line. Now we can move it in minutes using our own guys."

AG Communications

"I have eight service trucks and every one of them has an Airsled®. I have written specific guidelines for moving appliances and mention your Airsled® by name as the tool to use to ensure safe, accident-free results."

Dean Landers, Pres CSM, CST

"The Airsled® can't be beat for moves in tight spots… another way of Pepsi pros finding a way to rise to a challenge."

Pepsi Vending Installation Video

"I use the Airsled® Appliance Mover in my claim prevention classes here at Allied University. High tech is replacing muscle in this industry. The Airsled® saves floors and reduces wear and tear on people."

Allied Van Lines

"Among the many varied and costly tools I own, the Airsled® is unparalleled by far."

Independent Floor Installer

Affiliations

Airsled® Systems are endorsed by the National Moving and Storage Association; and listed with the Job Accommodation Network, as well as with Worker's Compensation Boards in the USA & Canada.

AIRSLED®

Solving Load Movement Problems Since 1982

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