• Efficient:
Vacuum lifters attach and release in seconds, permitting fast, precise load positioning.

• Economical:
Vacuum lifters speed materials handling and help reduce operator fatigue and load damage, contributing to overall cost savings.

• Ergonomic:
Vacuum lifters reduce injuries associated with the strain of manually lifting heavy, awkward loads.

VACUUM TOOLS & EQUIPMENT FOR MATERIALS HANDLING

Distributed By
McLaughlin Hoist & Crane
1850 Larkin Williams Rd.
Fenton, MO 63026
(636)343-9700
www.stlcrane.com
HAND-HELD VACUUM CUPS

Wood's Powr-Grip® vacuum cups help you move production materials, hard-to-handle appliances and other awkward loads, while protecting the material's surface from damage. These hand-held vacuum cups employ the force of atmospheric pressure to grip a surface with incredible force. They are used to carry office furniture, vending machines, glass, stone, laminates or nearly any material with smooth, nonporous surfaces.

With diameters from 3/4 to 10 inches [19-254 mm], Powr-Grip vacuum cups are available for virtually any materials handling application. Our wide variety of standard cups includes models with flat vacuum pads, for quick attachment to flat surfaces, and models with concave vacuum pads, for effective attachment to curved or irregular surfaces. A patented red-line indicator shows when a vacuum cup is securely attached to the material and will alert you if the vacuum level decreases.

N-SERIES
N4000 • 8" [204 mm] flat pad with ABS handle and pump / 125 lbs [57 kg] capacity per cup
N4300 • 8" [204 mm] flat pad with metal handle and ABS pump / 125 lbs [57 kg] capacity per cup
N4950 • 8" [204 mm] flat pad with metal handle and pump / 125 lbs [57 kg] capacity per cup
N4950AIR • 8" [204 mm] flat pad with metal handle and pump, for compressed air power source / 85 lbs [39 kg] capacity per cup
N5450 • 9" [229 mm] flat pad with metal handle and pump / 165 lbs [74 kg] capacity per cup
N5450CS • 9" [229 mm] concave pad with metal handle and pump / 150 lbs [68 kg] capacity per cup
N6450 • 10" [254 mm] concave pad with metal handle and pump / 175 lbs [79 kg] capacity per cup

FLIP HANDLES
TL6FH • 6" [153 mm] concave pad / 70 lbs [32 kg] capacity per cup
LP6FH • 6" [153 mm] flat pad / 70 lbs [32 kg] capacity per cup

RIGID HANDLES
TL6RH • 6" [153 mm] concave pad / 70 lbs [32 kg] capacity per cup
L6RH • 6" [153 mm] flat pad / 70 lbs [32 kg] capacity per cup

HANDI-GRIPS
LJ45HG • 4 1/2" [115 mm] concave pad / 40 lbs [18 kg] capacity per cup
TL6HG • 6" [153 mm] concave pad / 70 lbs [32 kg] capacity per cup
LP6HG • 6" [153 mm] flat pad / 70 lbs [32 kg] capacity per cup
RF36HG • 3" x 6" [77 x 153 mm] pad / 40 lbs [18 kg] capacity per cup

OTHER PRODUCTS
PU0950 • Pick-Up Stick / 3 lbs [1361 g] capacity
TL3TH • 3" [77 mm] concave pad with T-handle / 15 lbs [7 kg] capacity per cup
LJ6VH • 6" [153 mm] concave pad with vertical handle / 70 lbs [32 kg] capacity per cup

Wood's Powr-Grip Vacuum Cup Cleaner

BELOW-THE-HOOK VACUUM LIFTERS

More versatile than magnets and faster than clamps or slings, below-the-hook vacuum lifters from Wood's Powr-Grip® are a reliable, efficient and ergonomic means of handling nearly any smooth material, including glass, metal, stone, concrete, plastics and laminates. These AC, DC or air-powered vacuum lifters move heavy objects with the aid of forklifts, cranes or overhead hoists. Wood's Powr-Grip manufactures a full line of vacuum lifters, including rotators, tilters, rotator / tilter combinations, flat and vertical lifters with standard load capacities to 3000 lbs [1360 kg].
**ILTERTS**

Powr-Grip® Tilters increase speed and efficiency when transferring sheet materials between vertical storage and horizontal processing machinery. At the same time, these vacuum lifters reduce the risk of load damage by distributing the weight equally across the vacuum pads, providing support while the material is in motion. Powr-Grip Tilters are indispensable for loading and unloading water jet cutters and CNC machines, as well as for moving auto body panels and glass on the production line.

**ROTATORS**

Powr-Grip® Rotators provide a quick and easy method to load stone, glass and other sheet materials on edgers, bevelers or any vertically oriented production machinery. In most cases, these vacuum lifters provide 360° of continuous edgewise rotation, to ensure level positioning of the load. Equipped with either manual or powered rotation, Powr-Grip Rotators are built for heavy-duty production line service. Integrated hoist options are also available.

**ROTATOR / ILTERTS**

These vacuum lifters from Powr-Grip® provide the operator with 360° continuous rotation and 90° tilt for versatile and efficient materials handling. With one or both maneuvers powered, Rotator / Tilters are ideal for loading steel plate onto plasma cutters or prefabricated building panels onto delivery vehicles, among other applications. As an economical alternative to powered load manipulation, Quadra-Tilt Rotators feature a mechanical advantage that significantly reduces the effort of tilting loads, without the weight or expense of a powered tilt actuator.
FLAT LIFTERS

Powr-Grip® Flat Lifters are available in a wide variety of styles and capacities for handling horizontally oriented materials, including sheet metals, I-beams, modular construction panels, wood products, and truck body panels. These vacuum lifters commonly feature adjustable pad frames, in order to handle irregularly shaped materials or to avoid holes and obstructions on the surface. Standard vacuum pads attach quickly and easily to both nonporous and semiporous material surfaces, such as plywood and OSB products.

VERTICAL LIFTERS

These Powr-Grip® vacuum lifters are designed for handling vertically oriented materials. Gentle Giants provide needed support and rigidity across the load surface when handling enormous glass and other sheet materials. The smaller Production Line Vertical Lifters attach and release in seconds, reducing the time of transferring materials to and from high-speed processing machinery. Other Vertical Lifters from Wood’s Powr-Grip employ manual or DC-powered vacuum pumps, allowing cord-free operation of these vacuum lifters in a variety of production or delivery settings.

MULTIPURPOSE VACUUM LIFTERS

Designed to be lightweight and rugged, Powr-Grip® Multipurpose Lifters provide an efficient and economical approach to materials installation and low-volume processing. Channel Lifters and Manual Rotator / Tilters incorporate rotation and tilt for quick and precise load positioning. In addition, Quadra-Tilt Rotators feature an innovative tilt mechanism that radically reduces the effort of tilting materials manually. 12-volt/DC vacuum pumps are standard, allowing cord-free operation of vacuum lifters at the job site or in various shop locations.
OTHER MATERIALS HANDLING PRODUCTS

With integrated stair climbers and adjustable, ergonomic handles, the Stone Dolly eases movement of stone and other heavy loads up and down stairs.

The Powr-Grip® DoorJack makes a convenient dolly for handling doors, counter tops, stone slabs, office partitions, plywood and many other sheet materials.

Drill Press Vacuum Bases attach to smooth, nonporous materials, to provide a secure, temporary drill mounting system, wherever the materials may be located. (Drill and drill press not included.)

The Stowaway Tilt Table is a full-size work table that provides nearly effortless manual tilting of sheet materials and folds to a compact profile, when not in use.
Today’s materials handling professionals depend on the right tools and equipment to meet their productivity goals and deliver high-quality customer service. That’s why Wood’s Powr-Grip is pleased to provide a broad range of hand-held vacuum cups, below-the-hook vacuum lifters, and other products that are specifically designed to make materials handling more efficient. Our products utilize the power of vacuum to lift, maneuver and transport a wide variety of raw materials, such as wood, concrete, sheet metal, plastic and laminates, as well as finished products, such as garage doors, windows, counter tops, auto body panels and vending machines. Flexible rubber vacuum pads used in Powr-Grip products attach securely to the materials, without harming most surfaces. Whether for warehouse operations, production facilities or delivery services, materials handling is faster and easier with products by Wood’s Powr-Grip.

Wood’s Powr-Grip® offers a broad selection of manual and powered vacuum lifters for handling horizontally or vertically oriented materials, and with manual or powered rotation and tilt. Lifters are available for wet or dry, rough or smooth, and curved or flat surfaces.

Powr-Grip vacuum lifters are rugged and lightweight, built to handle the day-to-day demands of industrial applications, with load capacities available from 1 lb [455 g] to 3000 lbs [1360 kg].

Available power systems include: Manual, with red-line vacuum level indicators; Electric, in most standard AC or DC voltages; and Compressed Air, with quick-action venturis.

Vacuum pads are composed of durable, flexible rubber. Various rubber compounds and durometers are available for applications requiring low-marking, temperature resistant or chemical resistant properties.

Maintenance is uncomplicated and normally can be accomplished by in-house personnel. In addition, Powr-Grip offers effective technical support and fast, efficient parts service.