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Manual Material Handling Lifting Aids.


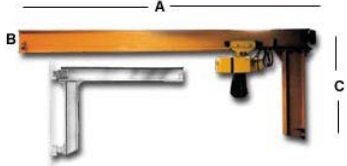
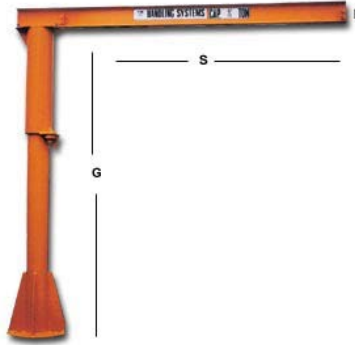

Lifting aid	Type	Possible uses	Additional information
Carts	Flat top cart 	Moving any type of product, tools or supplies.	<ul style="list-style-type: none"> • Wheel selection should be based on the type of floor it will travel. • Construction of cart should be based on the type of materials being moved. • Metal carts may create additional noise depending on what is being moved. • Caster selection should be based on the necessary turn radius.
	Mobile shelving 	Moving / storing products, tools or supplies. Allows for storage of items that can be moved to the work area.	<ul style="list-style-type: none"> • Wheel selection should be based on the type of floor it will travel. • Construction of cart should be based on the type of materials being moved. • Heavy items shouldn't be stored on top or bottom shelves.
	Laundry carts  	Hotels / motels, health care, laundries — any area where material is placed in a tote and employees are required to pull it back out. Can be used in a variety of industries to move a variety of products.	<ul style="list-style-type: none"> • Wheel selection should be based on the type of floor it will travel. • Construction of cart should be based on the type of materials being moved. • Metal carts may create additional noise depending on what is being moved. • Caster selection should be based on the necessary turn radius. • Solid construction carts available for liquid retention. • Used to transport folded laundry. • Shelves available. • Full open front to reduce reaching.






Lifting aid	Type	Possible uses	Additional information
Carts	Utility cart 	Landscaping, heavy stock, outdoor or wet applications.	<ul style="list-style-type: none"> • Tires with tread for use in muddy or rough terrain. • Open basket construction for reducing liquid retention. • Useful for large products.
	Vertical panel cart 	Wood products manufacturing, sales or other use. Lumber, OSB board, drywall. Pipe.	<ul style="list-style-type: none"> • Casters should be selected based on the type of surface it will be used on. • Six casters for optimum turning. • To be used with longer stock.
	Flatbed cart 	Larger objects or those objects that are long or wide.	
	Med cart 	Health care, or any industry where a mobile computer station is needed.	<ul style="list-style-type: none"> • Adjustable height for a variety of users.
	Housekeeping cart 	Hotel / motel, health care, janitorial, or any industry where a variety of items must be transported.	
	Tilt truck / Dump cart 	Landscaping, animal care, laundry, or any industry where items may be dumped into a hopper or pile.	





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Stackers	Manual platform stacker 	Any industry. Stocking shelves, loading carts, moving stock from one area to another.	<ul style="list-style-type: none"> • Has a platform that can be used for a variety of items.
	Manual fork stacker 	Any industry. Stocking shelves, loading carts, moving stock from one area to another.	<ul style="list-style-type: none"> • Uses forks to transport items.
	Powered stacker 	Any industry. Stocking shelves, loading carts, moving stock from one area to another.	
	Pallet jack 	Moving pallets around in areas where forklifts are not appropriate, loading vans and small trucks, stocking shelves.	
	Scissor lift pallet jack 	Moving pallets and stacking shelves. Can also be used to stack pallets onto each other or shelves.	<ul style="list-style-type: none"> • This type of pallet jack helps keep the product in the power zone when unloading it by hand.
Dollies	Hand truck 	Variety of uses. Can move appliances, furniture, boxes.	<ul style="list-style-type: none"> • Area of use should be considered when determining wheel size.






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Dollies	Drum dollies 	Can be used for barrels, trash cans, or carboys. Any industry.	
	Moving dollies 	Can be used for any product, but is especially helpful in moving furniture and appliances.	
	Stair climbing dolly 	Any industry. Can be used to transport heavy items where stairs are involved.	
	Pipe dolly 	Any industry. Can be used to move pipe, wood, compressed gas cylinders. Larger tires make this ideal for outdoor use.	
	Lever dollies 	Any industry. Smaller wheels make this ideal for indoor, smooth floor use.	






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Dollies	Keg lifter 	Beverage distribution. Can also be used to move carboys or other barrels.	
	Chair dolly 	Classrooms, banquet halls, hotels. Used to move chairs that can be stacked together.	
	Tugs and power tugs  Powered trolleys 	Any industry. Can pull many different types of carts or materials. There are also models made specifically to pull automobiles.	
Forklift		Any industry. Can move a variety of materials. Load trucks, hoist materials, stocking, warehousing, etc.	





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Cranes	Vehicle Mounted Jib Crane 	Used when transporting heavy items is needed.	
	Wall-mounted jib crane 	Used where hoisting of heavy objects occurs, but where portability is not needed.	
	Pillar base jib crane 	Used where hoisting heavy items occurs, where portability is not needed; is mounted in the center of an area, away from a wall.	
	Floor crane 	Provides hoisting of heavy materials, allows portability.	





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Cranes	Gantry crane 	Used for hoisting larger items. Allows limited portability.	
	Bridge crane 	Can be permanently mounted on rails (overhead) or can be mounted on a frame with wheels which provides portability to some degree. Both lift large objects.	
Conveyors	Wheel conveyor 	Any industry where goods need to be moved over short distances. Portability makes it especially handy for workplaces where things change.	
	Belt conveyor 	Any industry where goods need to be moved.	
	Roller stands 	Carpentry, metal fabrication or any task where material is pushed through a process and out the other side.	






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Conveyors	Incline conveyor 	For moving items from one level to an upper level.	
Order Pickers	Order picker 	Warehouses.	Some of these raise the employee up to the product level rather than bringing an entire pallet down and then having to put most of it back up.
Lifts	Drywall lift 	Construction. Can be used to lift drywall, cement board, particle board, or any board-like material.	<ul style="list-style-type: none"> • Helps hold the material in place until it is properly attached. • Can be used to position material low or high on walls, as well as on ceilings.
	Solar panel lift 	Construction. Can be used to lift solar panels to the roof or any point on a construction project. Can also be used to lift any other flat objects or supplies.	






Lifting aid	Type	Possible uses	Additional information
Lifts	Panel and door holder 	Construction. Can be used to hold up walls or doors so they can be permanently affixed properly.	<ul style="list-style-type: none"> • Can be used to level and hold construction materials in place.
	Wall jack 	Construction.	<ul style="list-style-type: none"> • The safest way to stand walls.
Pallet Leveler	Pallet leveler / positioner 	Progressively lowers as pallet is loaded and raises as pallet is unloaded.	<ul style="list-style-type: none"> • Can support hundreds to several thousand pounds.
Lifters	Scissor lift table 	Lift tables help eliminate bending, lifting, excess fatigue and the danger of back injuries. Can be used in any industry where materials must be lifted. Beverage production / and distribution, welding and machine shops.	<ul style="list-style-type: none"> • Selection should be based on the weight of materials, mobility, flooring, etc.
	Spring-loaded lift table 	Spring-loaded lift tables automatically raise and lower as items are taken off or put on, keeping the materials at the optimum height. This makes them ideal for manufacturing.	






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Lifters	Bin lifter 	Useful in the hospitality and health care industries, supermarkets, kitchens, factories and construction sites.	<ul style="list-style-type: none"> • Selection should be based on the weight of materials, mobility, flooring, etc.
	Vacuum Lifter 	Vacuum lifters can be used in the automotive repair industry to lift glass & body panels. Glass shops, manufacturing facilities, wood working and more. They can lift cartons, sacks, bags, drums, rolls, stone, marble, etc. Minimizes or eliminates heavy, awkward and dangerous lifts.	<ul style="list-style-type: none"> • Suction cups come in various sizes to accommodate your product. Can lift several hundred pounds.
Drum casters	Drum cradle / truck 	Allows employees to easily tip back and transport drums on four wheels. Minimizes the likelihood of injury. Reduces the frequency of product damage / loss. Use in any industry where drums must be moved.	<ul style="list-style-type: none"> • Different wheels for various floors.
	Drum caddies 	Easily move different sizes of drums.	<ul style="list-style-type: none"> • Many different types and styles are available. Capacities vary.
	Pail tipper 	Simply place your pail into the holder, secure the pail edge with the adjustable chime hook, and tip on its hinge to empty the contents. The wide base ensures the stand remains upright during tipping of the pail.	<ul style="list-style-type: none"> • Many varieties.



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Furniture Movers	Manual furniture movers 	Manual furniture mover makes moving heavy furniture a simple, safe one-man job. Each piece of the 2-piece dolly set can lift 660 pounds of weight 11.8-inches off the ground. Can be safely operated by one person.	
	Shoulder straps 	Move heavy, bulky objects with less strain.	<ul style="list-style-type: none"> • 800 pound capacity, but still requires manual lifting of the item.
	Furniture moving disks 	Easily slide furniture on hard or carpeted floors.	<ul style="list-style-type: none"> • Many sizes, types and brands are available. They often come in multipacks that include a variety of sizes and shapes.
	Air-assisted appliance moving 	Provide a safe, efficient, effective way to move appliances in virtually any setting. Air bearing / air caster systems allow you to easily move large appliances, refrigerators, washing machines, dryers, etc., without damaging floors or pulling back muscles.	<ul style="list-style-type: none"> • Made in America.

Lifting aid	Type	Possible uses	Additional information
Timber jack	Timber jack 	Raises and holds logs so you can cut them. Prevents saw from hitting the ground and helps prevent kickback.	
Hoists and Winches	Powered hoist 	Many uses in many industries.	<ul style="list-style-type: none"> • Various types, styles and capacities.
	Manual hoist 	Many applications, from vehicles to dumbwaiters, to lifting items from the floor.	<ul style="list-style-type: none"> • Various types, styles and capacities. Able to lift thousands of pounds. Relatively inexpensive.
	Winch 		<ul style="list-style-type: none"> • Relatively inexpensive. Many brands and capacities available.

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Lift Gates	Lift gate for pickup 			
	Lift gate for van 		<ul style="list-style-type: none"> • Many brands, types and styles are available to meet your needs. Capacities of up to about 3,000 pounds. 	
	Lift gate for larger truck and box van 			
Patient transfer	Bed mover  Assisted seat cushions 			

Lifting aid	Type	Possible uses	Additional information
Patient transfer	Trapeze bar 		
	Sling lifts 		
	Sit / Stand lifts 		
	Ceiling lifts 		
	Slider boards 		

Lifting aid	Type	Possible uses	Additional information
Patient transfer	Slider mats / sheets 		
	Turning plates 		
	Pull supports 		
	Ladder grabs 		
	Support / Gait belts 		

Lifting aid	Type	Possible uses	Additional information
Patient transfer	Bath lifts 		
	Solo lifts 	Patient transfer activities.	<ul style="list-style-type: none"> • Can be used by one person to move patients of various sizes and with various mobility needs. • Is stable. • Uses a vest to hold the patient, which feels more secure. • Can take weight of patient. • Powered or manual.