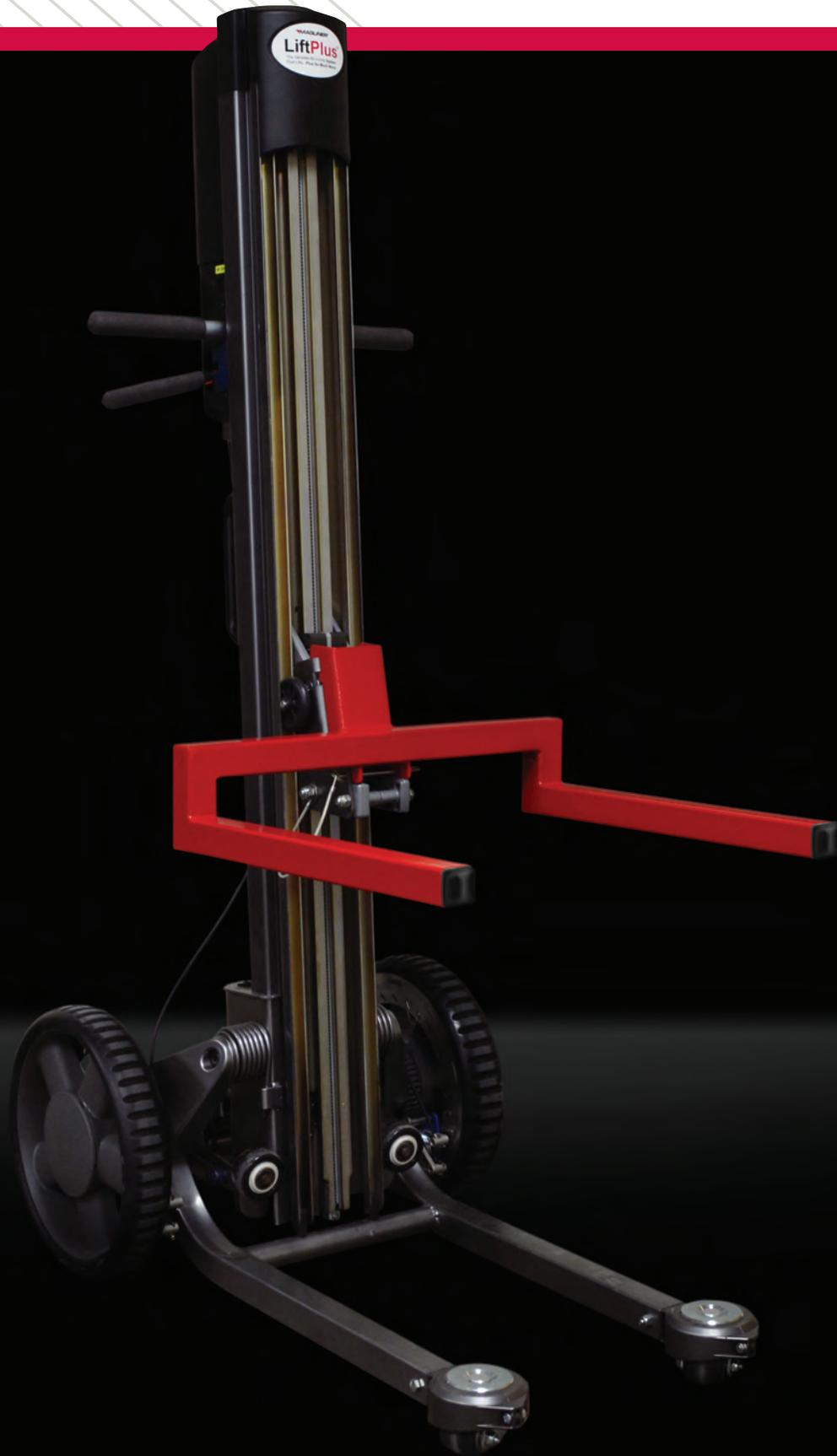


PRODUCT GUIDE



MAGLINER[®]

1-800-MAGLINE (624-5463)
www.magliner.com

A HISTORY - AND A FUTURE - OF INNOVATION!

As a leader in the material handling industry, Magline is committed to creating innovative solutions that help you transport materials more safely and efficiently.



1947



For 70 years, Magline has built a legacy of innovation, quality and value.

You've come to trust us as a manufacturer of durable, long lasting material handling equipment. Our dedicated US Team is proud that our products uphold the "Made by Magline" quality promise every day, world-wide. Our focus today remains the same: create innovative products and services that are driven by our customer's needs. After all, we have one simple goal...build products that you trust will make your work easier for many years to come.

2017





For safe, efficient product use, Magliner recommends inspecting equipment regularly and replacing damaged components immediately.

Magline, Inc. reserves the right to substitute products and make design changes as necessary to meet customer needs.

Magline One Year Limited Warranty

Magliner products have a one (1) year warranty (unless otherwise specified) from the date of purchase against defects in workmanship or material. Any part or component, except items covered by warranties of other manufacturers, returned to the factory or service center freight prepaid by the owner, found upon examination by Magline, Inc. to be defective or the result of improper workmanship by the factory will be repaired or replaced without charge and returned to the owner freight prepaid by Magline, Inc.

Alterations of Magliner products void any warranty or liability on the part of Magline, Inc. Magline does not guarantee product capacity if alterations are made.

Two-Wheel Hand Trucks	2-7
Frames	3
Handles	4
Noses	4
Wheels	5
Accessories	6
Design Your Own Hand Truck	7

Convertible Hand Trucks	8-15
Gemini®	9
Gemini Options	10-11
Gemini Sr. Bulk Container Edition	12-13
Three-Position Truck	14
Six-Wheel Folding Platform Truck	15

Special Application Trucks	16-35
SS™ Truck – Features	17
SS Truck – Benefits	18
SS Truck – Frames	19
SS Truck – Handles	20
SS Truck – Noses and Rotacasters	21
SS Truck – Wheels	22
SS Truck – Accessories	23
Glyde® Hand Truck – Features	24
Glyde Hand Truck – Frames	25
Glyde Hand Truck – Handles	25
Glyde Hand Truck – Noses	26
Glyde Hand Truck – Wheels	26
Glyde Hand Truck – Accessories	27
Brake Trucks	28
Brake Truck – Options	29-30
Two-Wheel Folding Truck	31
Aristocart Luggage Truck	31
Bottled Water Tray Trucks	32
Trayless Bottled Water Truck	33
Two- & Four-Wheel Snack Trucks	34
Two- & Four-Wheel Snack Truck Options	35

Powered Equipment	36-41
LiftPlus® Features	37
LiftPlus Options	38
LiftPlus Accessories	39
Powered Stair Climbing Hand Truck	40
Powered Stair Climbing Hand Truck Options	41

Bulk Delivery Trucks	42-47
Commercial BDT	43
Industrial BDT	44
Industrial BDT Accessories & Options	45
Platform Trucks	46
Platform Truck Casters	47

CooLift® Delivery System	48-51
CooLift® and Pallets	49
CooLift Accessories	50-51

Dollies	52-55
Pallet Dollies	53
Pallet Dolly Accessories	53-54
Caster Dollies	55

Ramps	56-62
Plastic Curb Ramp	57
Aluminum Curb Ramp	57
Van Walk Ramps	58
Slider® & Posi-Step® Ramps	59-62

TWO-WHEEL HAND TRUCKS



Lightweight, high strength aircraft grade aluminum.

Personalization available to deter theft and promote company.

Engineered for optimum strength to weight ratio.

Magliner wheels include a proprietary sealed bearing with lifetime lubrication.

Aluminum or magnesium die-cast alloys are high strength and corrosion resistant.

DESIGN YOUR OWN MAGLINER

C Frame + 11 Handle + AA Nose + 815 Wheel + C5 Stair Climber = **C11-AA-815-C5**

HAND TRUCK FRAMES

- Bolted cross braces are up to 10 times more rigid and over twice as strong as riveted braces due to custom engineered internal rib structure
- Trilobular, thread locking screws exceed IFI locking standards encompassing extreme resistance to vibrational loosening
- Resilient aluminum design has a unique combination of high strength and low weight
- Bolted modular frame construction offers increased repairability compared to riveted frame construction

ALL ALUMINUM



P/N	M/N	HT.(IN.)	WT.(LBS.)
300001	1	39	6.0

Straight back with 1-1/4" cross braces.



P/N	M/N	HT.(IN.)	WT.(LBS.)
303125	L	33	6.0
302653	C	39	6.5
300042	8	52	8.5

Straight back with 2-1/2" cross braces.

ALUMINUM W/MOLDED CROSS BRACES



P/N	M/N	HT.(IN.)	WT.(LBS.)
303127	M	33	4.5
300010	4	39	5.0
303116	P	52	6.5

Straight back with 1-1/4" cross braces.

U.S. Patent #6,893,029

P/N	M/N	HT.(IN.)	WT.(LBS.)
303123	N	33	4.5
300021	5	39	5.0
303113	Q	52	7.0

Curved back with 1-1/4" cross braces.

VERTICAL STRAP OPTIONS



Bolt-on vertical strap

ALUMINUM CROSS BRACES

P/N	HT.(IN.)	WT.(LBS.)
86353	33	0.5
86350*	39	1.0
86351	39	1.0
86355	52	1.5

*NOTE: compatible with 300001 frame only.

MOLDED CROSS BRACES

P/N	HT.(IN.)	WT.(LBS.)
86354	33	0.5
86352	39	1.0
86356	52	1.0

All Magliner hand trucks have a 500 pound capacity unless otherwise stated.

HAND TRUCK HANDLES & NOSES

HORIZONTAL LOOP

P/N M/N WT.(LBS.)	P/N M/N WT.(LBS.)	P/N M/N WT.(LBS.)	P/N M/N WT.(LBS.)
301000 11 1.0	301008 19 1.5	301005 w 1.0	301001 24 1.0
Standard loop.	Standard loop with vinyl sleeve.	Angled standard loop (3" higher).	Standard loop with straight top.

SINGLE GRIP

P/N M/N H" WT.(LBS.)	P/N M/N H" WT.(LBS.)
301126 13B 55 3.0	301004 17 52 2.0
301127 13C 60 3.3	Welded pistol grip.
Welded pistol grip.	

DOUBLE GRIP

P/N M/N WT.(LBS.)	P/N M/N H" WT.(LBS.)
86031 16 2.0	301137 30 52 2.5
Bolted double grip with universal brace.	Welded double grip.

VERTICAL LOOP

P/N M/N H" WT.(LBS.)	P/N M/N H" WT.(LBS.)
300981 15A 52 2.35	300994 60 52 2.0
300990 15A 52 2.35 for #300021 frame	Welded vertical loop.
300978 15C 60 3.5	
300977 15C 60 3.5 for #300021 frame	
Welded vertical loop.	

DOUBLE LOOP

P/N M/N H" WT.(LBS.)	P/N M/N H" WT.(LBS.)
301115 25B 55 3.0	302297 35B 55 3.0
Welded double loop.	302298 35D 62 3.5
	Welded double loop.

DIE-CAST



ALUMINUM					
P/N	M/N	W"	D"	WT.(LBS.)	
300200	AA	14	7-1/2	4.0	
300201	UA	18	7-1/2	5.0	
MAGNESIUM					
P/N	M/N	W"	D"	WT.(LBS.)	
300204	AM	14	7-1/2	2.5	
300197	HM	14	12	3.0	
300205	UM	18	7-1/2	3.0	

Designed using either aluminum or magnesium alloys chosen for high strength and corrosion resistance. Aluminum is more rigid and best suited for moderate to mild climates. Magnesium is lighter than aluminum, more flexible and is the best option in cold climates or freezer deliveries.

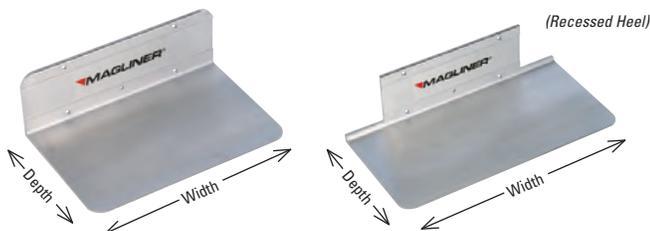
STEEL



P/N	M/N	W"	FLUSH MOUNT	RECESSED MOUNT	WT.(LBS.)
			D"	D"	
300544	E3	14	9	7-1/2	9.5
300554	E4	14	9	N/A	10.5
300545	G3	18	9	7-1/2	11.5
300548	G4	18	9	N/A	13.5

High strength, low alloy powder coated steel with machined edge for easily sliding under loads.

EXTRUDED ALUMINUM



P/N	M/N	W"	FLUSH MOUNT	RECESSED MOUNT*	WT.(LBS.)
			D"	D"	
300244	E1	14	9	7-1/8	4.5
300254	E2	14	9	N/A	5.0
300245	G1	18	9	7-1/8	5.5
300248	G2	18	9	N/A	6.0
300203	K1	16	12	N/A	7.0
300215	K2	20	12	N/A	8.5

6000 series alloy designed with a tapered profile and leading edge for ease of use and maximum strength to weight ratio.

*Recessed mount not available on narrow-aisle models.

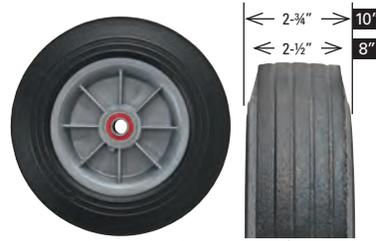
HAND TRUCK WHEELS

SOLID RUBBER



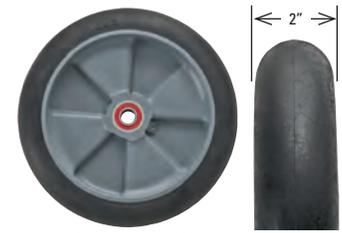
P/N	M/N	D"	WT.(LBS.)
10815	815	8	2.5

Mold-on rubber on die-cast hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
11825	825	8	3.5
111025	1025	10	5.5

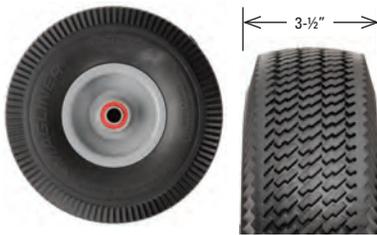
Puncture resistant, solid rubber tire on one-piece polyolefin hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
10830	830	8	2.0
101030	1030	10	3.0

Puncture resistant, non-marking balloon cushion rubber on one-piece polyolefin hub with semi-precision bearings.

MICROCELLULAR



P/N	M/N	D"	WT.(LBS.)
131010	1010	10	4.0

Puncture resistant, non-marking tire on one-piece steel hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111070	1070	10	2.5

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111075	1075	10	3.0

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



Flow through design interlocks rubber, preventing run-off and scalping. (111070, 111075 and 111080 wheels)

P/N	M/N	D"	WT.(LBS.)
111080	1080	10	4

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.

PNEUMATIC



P/N	M/N	D"	WT.(LBS.)
121060	1060	10	4.5

4-ply tube-type tire with three-piece off-set hub and semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
101020	1020	10	7.0

Foam filled with three-piece off-set hub and semi-precision bearings.

HAND TRUCK ACCESSORIES



P/N	WT.(LBS.)
86006	2.5

Heavy-duty cast stair climbers with replaceable low-friction polymer glide bars.



P/N	WT.(LBS.)
86092	2.5

Heavy-duty cast stair climbers with replaceable low-friction polymer glide bars. Narrow aisle models only.



P/N	H"	WT.(LBS.)
40050	55	1.5
40010	60	1.5
40011	68	2.5

Hi-U frame extensions add height and stability for taller loads (hardware required).



P/N	H"	WT.(LBS.)
40050F	55	2.0
40010F	60	2.0
40011F	68	2.5

Hi-U frame extensions with foam sleeve (hardware required).



P/N	WT.(LBS.)
302497	0.5

Padded cover for Hi-U frame extensions.



P/N	H"	W"	WT.(LBS.)
303134	16	7	3.0
303135	20	9	4.5

Extruded aluminum wings add an additional 6" of load support. 33"/39" frames use kit 303134 (2 upper - 9.5"L x 3"W and 2 lower - 13"L x 3"W) and 52" frames use kit 303135 (2 upper/4 lower wings).



P/N	H"	W"	WT.(LBS.)
301114K	8-1/2	2-1/2	1.5

Wheel guards prevent loads from rubbing against hand truck wheels.



P/N	WT.(LBS.)
301121K	0.5

Holds keg in place securely. For use with 300021 frame only.



P/N	L"	WT.(LBS.)
32511	4	1.5
32513	5	1.5

Sliding keg hook swings out of the way when not in use. 4" hook for straight side kegs and 5" hook for barrel-style kegs (rod and hardware required).



P/N	WT.(LBS.)
302544	2.0

Folding nose kit (302541 without lock rod) allows aluminum extruded noses to fold flush with frame when not in use. 500 pound capacity. Not available on narrow aisle models.

ACCESSORY BAGS



P/N	L"	W"	WT.(LBS.)
302680	13	8	0.5

- Main pocket 13" long x 8" wide x 2" deep with 1 Velcro strap.
- Outside pocket 5-1/4" long x 5-1/2" wide.



P/N	L"	W"	WT.(LBS.)
302681	16-1/2	12	1.0

- 2 top pockets, sealed with Velcro 10" long x 6" wide.
- 1 tool pocket 12" wide x 3-1/2" deep.



P/N	L"	W"	WT.(LBS.)
302682	12-1/2	12	1.0

- 1 pocket 11" deep x 9" wide.



P/N	L"	W"	WT.(LBS.)
302683	29	12	1.0

- 2 top pockets, sealed with Velcro 10-1/2" long x 6" wide.
- 1 tool pocket 12" wide x 3-1/2" deep.
- 1 pocket 11-1/2" wide x 12" deep.

FOLDING NOSE (300 POUND CAPACITY)



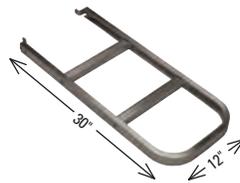
P/N	M/N	WT.(LBS.)
301019	F1	4.0

Low-profile formed aluminum extension.



P/N	M/N	WT.(LBS.)
301025	F2	2.5

Extruded aluminum channel extension.



P/N	M/N	WT.(LBS.)
301026	F3	4.0

Extruded aluminum channel extension.



P/N	WT.(LBS.)
301052	4.5

Extruded aluminum channel extension with carpet.

HAND TRUCK MINI PALLET



P/N	DESC.	W"	D"	WT.(LBS.)
303200	18" wide opening with deck	21	14	7.50
303201	20" wide opening with deck	23	15	8.25

P/N	DESC.	W"	D"	WT.(LBS.)
303210	18" wide opening	21	14	5.00
303211	20" wide opening	23	15	5.50

Eliminate product damage, reduce damage to floors and increase productivity by less handling of products.

DESIGN YOUR OWN HAND TRUCK

As the industry leader, Magline has created this section to help you design the hand truck that best suits your needs. These recommendations are based on ergonomic evaluation, customer feedback, and engineering specifications.

FRAMES	
All frames utilize heavy-duty side rail extrusions with bolted cross braces. Available in 33", 39" and 52" heights.	
Straight back with aluminum cross braces	Our most popular frame. Excellent general purpose frame for a wide variety of package sizes and used in most industries.
Curved back with molded cross braces	The curved polymer cross braces are specifically designed to cradle and provide stable load management for larger cylindrical loads. High impact resistance makes them excellent for managing heavy loads like kegs.
Straight back with molded cross braces	Similar to our straight back frame but with polymer cross braces. The polymer cross braces are high strength and exceedingly impact resistant. They help protect against metal to load contact and reduce the potential for load damage.
HANDLES	
Handles are often selected based on user preference. The following are general benefits of the different handle types Magline offers. Overall, the more simple the handle, the less weight it adds to the hand truck.	
Horizontal Loop	Most popular handles – allows user to grip on multiple locations depending on situation. Add additional comfort with vinyl sleeve or additional load support with "U" brace.
Vertical Loop	Provide the optimum break-back comfort and allow users multiple gripping choices.
Double Loop	Allow vertical gripping for easy break-back or horizontal gripping for controlled rolling; excellent for stair climbing or descending.
Single Grip	Provide optimum balance point between user and hand truck; use high grip for control on stairs or low grip for easy turning.
Double Grip	Excellent steering capability and firm grip for solid load control.
NOSES	
Die-Cast	Our most popular and highest value nose plate is extremely lightweight and durable, weighing 1/3 less than comparable products made from steel. They are temperature resistant so they work well in cold weather and freezers. Available in a variety of sizes to fit almost any load requirement.
Extruded Aluminum and Steel	Excellent for scooping stacks and stair deliveries. Available in a variety of sizes making them an excellent choice for unusual package sizes.

WHEELS	
In general, 8" wheels in a similar tire and wheel compound are lighter than 10" wheels; 10" wheels typically provide better maneuverability over more diverse terrain environments.	
Mold-on Rubber	One of our lightest wheels, this bonded tire is durable and rolls well over most paved surfaces.
Pneumatic	Pneumatic tires provide excellent shock absorption and load protection. Best uses include uneven terrains or surfaces such as gravel. Shock absorption means reduced impact on loads for less damage. Recommended when loads are consistently near maximum capacity. (Magline recommends checking air pressure regularly and maintaining proper pressure.)
Balloon Cushion	A lightweight, excellent rolling wheel that provides shock absorption characteristics only surpassed by a pneumatic. Shock absorption means reduced impact on loads for less damage.
Microcellular	Microcellular wheels work well on challenging surfaces including rough and uneven terrain. Microcellular wheels are long lasting – never needs air, never goes flat. They provide some of the shock absorption capabilities of a pneumatic.
HAND TRUCK ACCESSORIES	
Frame Vertical Strap	Bolt-on vertical strap makes repair and in-field installation easy. Kits are available for all frames.
Stair Climbers	Help climb and descend stairs with less effort. Polymer glide strips improve the ability to negotiate curbs, steps and stairs while reducing the potential for load damage or loss associated with stairs and curbs and they protect stairs from damage.
Folding Nose	Extends the length of the hand truck nose to carry additional bulky packages. Their use reduces the overall capacity of the hand truck to 300 pounds.
Hi-U Frame Extension	Available in several heights. These extensions provide additional stability for unusually high loads; add the foam option or padded cover to cushion arms for better comfort and fewer injuries.
Keg Hook	Provides additional stability for keg delivery especially on stairs.
Wheel Guards	Adding wheel guards provides a barrier between the wheels and the load, reducing damage – especially useful with overlapping loads like flour bags.
Accessory Bag	Provides a secure place to carry hand-held computers, pencils, food service splits and other supplies.
Mag-Loc® E-track Anchors	The anchors provide a safe means of securing loads when combined with the optional Mag-Loc straps and accessories.

CONVERTIBLE HAND TRUCKS

Heavier extruded cross-section adds exceptional strength and impact resistance.

Stampings reduce maintenance and lower total cost of ownership.

Multiple tread types and optional brakes make loading and delivery convenient and safe.

Locking mechanism incorporates strength, with ease of use.

Magliner wheels are engineered to provide superior performance.

Broad range of nose plates to accommodate all applications.



The Original Convertible Hand Trucks



Gemini® XL

Gemini® Sr.

Gemini® Jr.

SPECIFICATIONS			
	GEMINI JR. GMK16UA4	GEMINI SR. GMK81UA4	GEMINI XL XLSP
Overall width	21"	21"	22-3/4"
Frame width	12"	12"	14"
Deck width	12"	12"	17"
Overall length, 4 wheel	47-1/2"	55-3/4"	57-1/4"
Height as hand truck	51"	61"	62-3/4"
Handle height as platform truck	40"	45-1/8"	45-3/4"
Platform bed length	38"	51"	53-3/4"
Capacity as hand truck	500 lbs.	500 lbs.	500 lbs.
Capacity as platform truck	1,000 lbs.	1,000 lbs.	1,250 lbs.
Platform height from floor	10-1/2"	10-1/2"	11-3/16"
Standard wheel (pneumatic)	10"	10"	10"
Casters (standard swivel)	5" x 1-1/4"	5" x 1-1/4"	6" x 2"
Nose	18" x 7-1/2"	18" x 7-1/2"	18" x 9"
Shipping weight	44 lbs.	45 lbs.	54 lbs.

U.S. Patent #D593,273 6,893,029

- 2-in-1 truck converts from 2 to 4 wheels in seconds
- High capacities reduce number of trips per day, increasing productivity
- Bolted cross braces are up to 10 times more rigid and over twice as strong as riveted braces due to custom engineered internal rib structure
- Trilobular, thread locking screws exceed IFI locking standards encompassing extreme resistance to vibrational loosening
- Strong, lightweight construction reduces user fatigue
- Optional accessories available to meet all delivery needs
- Modular design means no welds to break, all parts are replaceable for longer product life

As easy as 1... 2... 3



Press release latch



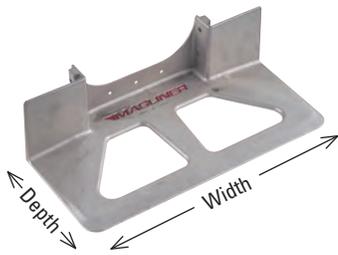
Slide frame down handle



Hand truck becomes platform truck

OPTIONS

DIE-CAST NOSES

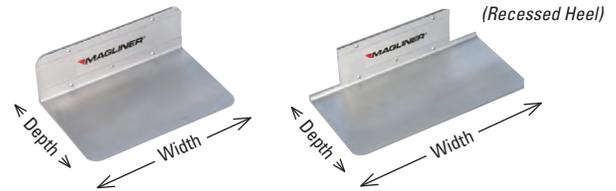


ALUMINUM				
P/N	M/N	W"	D"	WT.(LBS.)
300200	AA	14	7-½	4.0
300201	UA	18	7-½	5.0

MAGNESIUM				
P/N	M/N	W"	D"	WT.(LBS.)
300204	AM	14	7-½	2.5
300197	HM	14	12	3.0
300205	UM	18	7-½	3.0

Designed using either aluminum or magnesium alloys chosen for high strength and corrosion resistance. Aluminum is more rigid and best suited for moderate to mild climates. Magnesium is lighter than aluminum, more flexible and is the best option in cold climates or freezer deliveries.

EXTRUDED ALUMINUM NOSES



P/N	M/N	W"	FLUSH MOUNT	RECESSED MOUNT*	WT.(LBS.)
			D"	D"	
300244	E1	14	9	7-½	4.5
300254	E2	14	9	N/A	5.0
300245	G1	18	9	7-½	5.5
300248	G2	18	9	N/A	6.0
300203	K1	16	12	N/A	7.0
300215	K2	20	12	N/A	8.5

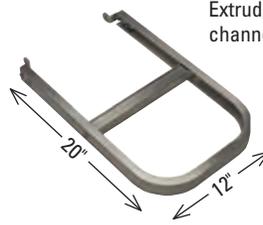
6000 series alloy designed with a tapered profile and leading edge for ease of use and maximum strength to weight ratio.

FOLDING NOSES (300 Pound Capacity)



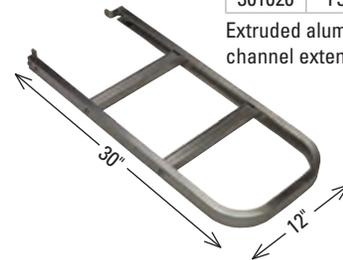
P/N	M/N	WT.(LBS.)
301019	F1	4.0

Low-profile formed aluminum extension.



P/N	M/N	WT.(LBS.)
301025	F2	2.5

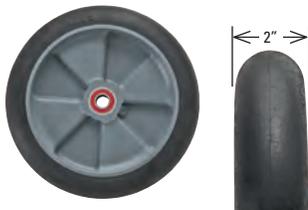
Extruded aluminum channel extension.



P/N	M/N	WT.(LBS.)
301026	F3	4.0

Extruded aluminum channel extension.

WHEELS



P/N	M/N	D"	WT.(LBS.)
101030	1030	10	3.0

Puncture resistant, non-marking balloon cushion rubber on one-piece polyolefin hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
131010	1010	10	4.0

Puncture resistant, non-marking microcellular foam tire on one-piece steel hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
121060	1060	10	4.5

4-Ply pneumatic tube-type tire with three-piece off-set hub and semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111070	1070	10	2.5

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111075	1075	10	3.0

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111080	1080	10	4

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



Flow through design interlocks rubber, preventing run-off and scalping. (111070, 111075 and 111080 wheels)

GEMINI® JR. AND SR. CASTERS

GEMINI CASTERS



GEMINI XL CASTER



P/N	D"	W"	WT.(LBS.)
131020	5	1-¼	2.0

Gray polyurethane.

P/N	D"	W"	WT.(LBS.)
131020B	5	1-¼	2.25

Gray polyurethane with brake.

P/N	D"	W"	WT.(LBS.)
131030	5	1-¼	2.0

Thermoplastic rubber.

P/N	D"	W"	WT.(LBS.)
131030B	5	1-¼	2.25

Thermoplastic rubber with brake.

P/N	D"	W"	WT.(LBS.)
130025	6	2	3.5

Thermoplastic rubber caster with brake.

SNAP ON DECKS



- Snaps in place quickly and removes easily
- Great for carrying small packages
- Formed from strong embossed aluminum
- Stays securely in place

P/N	WT.(LBS.)
301644 Gemini Jr.	5.5
301645 Gemini Sr.	6.5

ACCESSORIES



P/N	WT.(LBS.)
86006	2.5

Heavy-duty cast stair climbers with replaceable low-friction polymer glide bars (for Sr. only).



P/N	WT.(LBS.)
302725	4.5

Load containment arm (for Gemini XL only).

GEMINI® JR. BULK CONTAINER

P/N	DESCRIPTION	WT.(LBS.)
302985	Jr. bulk container	14
302986	Jr. bulk container with drain and plug	14

Not available for Gemini XL or Gemini Sr. trucks (XL, GMA8/GMK8 or LNA/LNK models). Not compatible with Gemini Jr. with vertical strap.



Optional drain plug allows liquid to be drained when Gemini is in 4-wheel position.

- Reusable and stackable
- Seamless, formed high density polyethylene is durable and won't dent, corrode or absorb moisture
- Spring-loaded latch system easily secures the bin in place in both 2- and 4-wheel positions, and is quickly removed when not required
- Designed to sit level on flat surfaces when not in use
- Optional drain plug allows liquid to be drained when Gemini is in the 4-wheel position



1,000 lb. capacity when used with a Gemini Jr. truck.

GEMINI® SR. BULK CONTAINER EDITION



- Standard model as shown includes: straight back frame, curved back handle, 10" pneumatic wheels, 5" casters and 18" wide x 7-1/2" deep aluminum nose plate
- 2-in-1 truck converts from 2 to 4 wheels in seconds
- High capacities reduce number of trips per day, increasing productivity
- Strong, lightweight construction reduces user fatigue
- Optional accessories available to meet all delivery needs
- Modular design means no welds to break, all parts are replaceable for longer product life

SPECIFICATIONS		
GEMINI SR. LNK411UA4		
	HAND TRUCK	PLATFORM TRUCK
Overall width	21"	21"
Frame width	12"	12"
Overall height	64-1/2"	41"
Overall length	—	58-3/4"
Platform bed length	—	51"
Platform height from floor	—	10-1/2"
Capacity	500 lbs.	1,000 lbs.
Shipping weight	45 lbs.	45 lbs.



SPECIFICATIONS	
BULK CONTAINER 301777**	
Length	54"
Height	24"
Width	24"
Weight	35 lbs.
Capacity	1,000 lbs. 12 bushels 112 gallons

**Mounting hardware included, bin cannot be used with standard Gemini convertible trucks (GMA or GMK models).

- Reusable and stackable
- Easily haul heavy packages and bulky items
- Seamless, molded polyethylene won't dent, corrode or absorb moisture
- Four-wall containment supports mixed loads for safer, efficient delivery
- Easily locks on truck, and is quickly removed when not required

GEMINI® SR. BULK CONTAINER EDITION

OPTIONS & ACCESSORIES

FRAME



P/N	WT.(LBS.)
301784 Curved Back	5.0
301785 Straight Back	5.0

Curved back frame with 1-1/4" molded cross braces.

CASTERS - 5" D X 1-1/4" W



P/N	WT.(LBS.)
131020-Polyurethane	2.0
131030-Thermoplastic	2.0



P/N	WT.(LBS.)
131020B-Polyurethane with brake	2.25
131030B-Thermoplastic rubber with brake	2.25

DIE-CAST NOSES

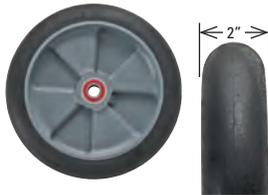


Designed using either aluminum or magnesium alloys chosen for high strength and corrosion resistance. Aluminum is more rigid and best suited for moderate to mild climates. Magnesium is lighter than aluminum, more flexible and is the best option in cold climates or freezer deliveries.

ALUMINUM				
P/N	M/N	W"	D"	WT.(LBS.)
300200	AA	14	7-1/2	4.0
300201	UA	18	7-1/2	5.0

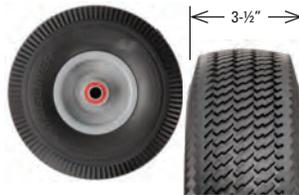
MAGNESIUM				
P/N	M/N	W"	D"	WT.(LBS.)
300204	AM	14	7-1/2	2.5
300197	HM	14	12	3.0
300205	UM	18	7-1/2	3.0

WHEELS



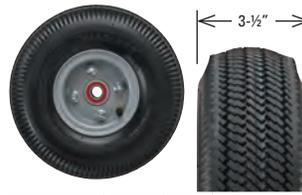
P/N	M/N	D"	WT.(LBS.)
101030	1030	10	3.0

Puncture resistant, non-marking balloon cushion rubber on one-piece polyolefin hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
101010	1010	10	4.0

Puncture resistant, non-marking microcellular foam tire on one-piece hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
121060	1060	10	4.5

Pneumatic tube-type tire with three-piece off-set hub and semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111080	1080	10	4.0

Puncture resistant, non-marking microcellular foam tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.

ACCESSORIES (THE FOLLOWING ACCESSORIES ARE NOT COMPATIBLE WITH STANDARD GEMINI TRUCKS)



P/N	FOR USE WITH NOSE PLATE	WT.(LBS.)
301780	300200 300204	10.5
301781	300201 300205	10.5
301750	300197	10.5

60" overall height from floor when installed, 47-5/8" high from Gemini deck. Securely fastens to the nose plate and handle for stable transport of up to 100 lbs. of hanging items. Easily folds for storage when not in use.



P/N	WT.(LBS.)
81164K	.5

Retractable spring activated frame locking pin securely locks the unit in the four-wheel position.



P/N	W"	D"	WT.(LBS.)
301766	5	5.5	1.5

1/2" diameter aluminum hanger hook holds up to 50 lbs (factory install only). 301766 includes the curved back handle assembled with hanger hook.



P/N	WT.(LBS.)
86006	2.5

Heavy-duty cast stair climbers with replaceable low-friction polymer glide bars.



P/N	L"	WT.(LBS.)
301752	5	1.5

Durable hook slides vertically to secure barrels, drums, barrel style kegs or containers in the two-wheel position. Hook swings out of the way when not in use. For use with 301784 curved frame only (includes rod and hardware.)

THREE-POSITION TRUCK

Three Application Positions to Speed In-Service Use While Improving Load Management of Difficult Shaped Packages.



P/N
TPAU4

Inclined Position

Maintain an inclined position for door entry and control packages of various sizes that do not stack well.

Two-Wheel Position
Standard two-wheel hand truck for general use. Built-in 27" containment arm recesses into the frame when not in use.



Traditional Four-Wheel Platform Truck

750 pound capacity accommodates larger loads to reduce number of trips.



SPECIFICATIONS	
TWO-WHEEL POSITION	
Overall height	51"
Overall width	21"
Capacity	500 lbs.
Tires	10" pneumatic
U nose plate	18" wide x 7-1/2" long
Folding recessed nose	9" wide x 27" long (300 pound capacity)
FOUR-WHEEL & INCLINE POSITION	
Overall height	40"
Cargo area	12" wide x 50" long
Capacity	750 lbs.
Casters	5" diameter x 1-1/4" wide
Weight	43 lbs.

NOSES



DIE-CAST ALUMINUM				
P/N	M/N	W"	D"	WT.(LBS.)
300200	AA	14	7-1/2	4.0
300201	UA	18	7-1/2	5.0

DIE-CAST MAGNESIUM				
P/N	M/N	W"	D"	WT.(LBS.)
300204	AM	14	7-1/2	2.5
300197	HM	14	12	3.0
300205	UM	18	7-1/2	3.0



EXTRUDED ALUMINUM RECESSED MOUNT				
P/N	M/N	W"	D"	WT.(LBS.)
300244	E1	14	7-1/8	4.5
300245	G3	18	7-1/8	5.5

6000 series alloy designed with a tapered profile and leading edge for ease of use and maximum strength to weight ratio.

CASTERS



P/N	D"	W"	WT.(LBS.)
131021B	5	1-1/4	2.25

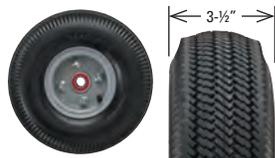
Polyurethane with side locking brake (truck is compatible with only one caster with brake).

WHEELS



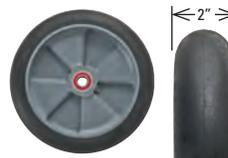
P/N	M/N	D"	WT.(LBS.)
111025	1025	10	5.5

Puncture resistant, solid rubber tire on one-piece polyolefin hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
121060	1060	10	4.5

4-Ply pneumatic tube-type tire with three-piece off-set hub and semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
101030	1030	10	3.0

Puncture resistant, non-marking balloon cushion rubber on one-piece polyolefin hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
131010	1010	10	4.0

Puncture resistant, non-marking microcellular foam tire on one-piece steel hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
101020	1020	10	7.0

Foam filled pneumatic with three-piece off-set hub and semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111070	1070	10	2.5

Puncture resistant, non-marking, microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111075	1075	10	3.0

Puncture resistant, non-marking, microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111080	1080	10	4.0

Puncture resistant, non-marking, microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



Flow-through design interlocks rubber, preventing run-off and scalping.

SIX-WHEEL FOLDING PLATFORM TRUCK



P/N
MT-TA

Main unit comes with 39" handle and 8" balloon cushion wheels.

- Folds flat quickly and easily for convenient storage in car trunk
- Turns on a dime! Designed to maneuver easily through store aisles
- Standard caster brake helps prevent truck from moving on inclines
- Non-slip grating keeps load in place during transport
- Upgraded handle system for faster, easier use
- Toggle latch to lock main unit and extension for increased load stability
- Base unit stands upright for more convenient loading and unloading



P/N
MT1TA

Main unit with extension, 39" handle and 8" balloon cushion wheels.

SPECIFICATIONS		
	MAIN UNIT	EXTENSION
Length	31"	30-7/8"
Deck width	23-1/4"	23-1/4"
Overall width	28-1/4"	27"
Handle height	39"	n/a
Weight	33 lbs.	17 lbs.
Capacity	750 lbs.	1,500 lbs.*

U.S. Patent #D593,273

SPECIAL APPLICATION TRUCKS



Multiple angle options increase safety and provide ergonomic stability.

Rotacaster® multi-directional wheels allow side-to-side movement.

FEATURES



Fully supported rotation
allows easy maneuverability
in confined spaces.



Integrated kick stand holds
the SS in an upright position
when loading, or when
a load is not present.

Easy navigation
frees up hands to deal with
doorways and elevators.

SS™ Hand Truck vs. Traditional Hand Truck

	Break-back	Load Support	Curbs & Obstructions
SS Hand Truck →			
	<p>Easier break-back effort And no need to support load when stationary.</p>	<p>Reduced effort The SS carries the load, not the operator.</p>	<p>Elevate rather than lift Up curbs or over obstructions without reversing.</p>
Hand Truck →			
	<p>Need to break-back loads at multiple stop points.</p>	<p>Requires constant operator input to maintain load balance exerting strain and effort.</p>	<p>Operator exerts maximum effort to reverse and pull load up and over curb.</p>

U.S. Patent # 8,556,279

BENEFITS

Self-Stabilizing™ (SS™) Hand Truck

Improves both ergonomic safety and productivity and delivers immediate ROI.



Watch the
SS™ Hand Truck
in action.



SS™ HAND TRUCK FRAMES

ALL ALUMINUM



P/N	M/N	HT.(IN.)	WT.(LBS.)
300001	1	39	6.0

Straight back with 1-1/4" cross braces.



P/N	M/N	HT.(IN.)	WT.(LBS.)
303125	L	33	6.0
302653	C	39	6.5
300042	8	52	8.5

Straight back with 2-1/8" cross braces.

- Bolted cross braces are up to 10 times more rigid and over twice as strong as riveted braces due to custom engineered internal rib structure
- Trilobular, thread locking screws exceed IFI locking standards encompassing extreme resistance to vibrational loosening
- Resilient aluminum design has a unique combination of high strength and low weight
- Bolted modular frame construction offers increased repairability compared to riveted frame construction

ALUMINUM W/MOLDED CROSS BRACES



P/N	M/N	HT.(IN.)	WT.(LBS.)
303127	M	33	4.5
300010	4	39	5.0
303116	P	52	6.5

Straight back with 1-1/4" cross braces.



P/N	M/N	HT.(IN.)	WT.(LBS.)
303123	N	33	4.5
300021	5	39	5.0
303113	Q	52	7.0

Curved back with 1-1/4" cross braces.

U.S. Patent #6,893,029

VERTICAL STRAP OPTIONS



Bolt-on vertical strap

ALUMINUM CROSS BRACES

P/N	HT.(IN.)	WT.(LBS.)
86353	33	0.5
86350*	39	1.0
86351	39	1.0
86355	52	1.5

*NOTE: compatible with 300001 frame only.

MOLDED CROSS BRACES

P/N	HT.(IN.)	WT.(LBS.)
86354	33	0.5
86352	39	1.0
86356	52	1.0

All Magliner hand trucks have a 500 pound capacity unless otherwise stated.

SS™ HAND TRUCK HANDLES

HORIZONTAL LOOP



P/N	M/N	WT.(LBS.)
301000	11	1.0

Standard loop.



P/N	M/N	WT.(LBS.)
30100	12	1.5

Standard loop with universal brace.



P/N	M/N	WT.(LBS.)
301008	19	1.5

Standard loop with vinyl sleeve.



P/N	M/N	WT.(LBS.)
30102	22	2.0

Standard loop with vinyl sleeve and universal brace.



P/N	M/N	WT.(LBS.)
301005	18	1.0

Angled standard loop (3" higher).



P/N	M/N	WT.(LBS.)
301001	24	1.0

Standard loop with straight top.

VERTICAL LOOP



P/N	M/N	H"	WT.(LBS.)
300981	15A	52	2.35
300990	15A	52	2.35 for #300021 frame
300978	15C	60	3.5
300977	15C	60	3.5 for #300021 frame

Welded vertical loop.



P/N	M/N	H"	WT.(LBS.)
300994	60	52	2.0
300995	60	52	2.0 for #300021 frame

Welded vertical loop.

SINGLE GRIP



P/N	M/N	H"	WT.(LBS.)
301126	13B	55	3.0
301127	13C	60	3.3

Welded pistol grip.



P/N	M/N	H"	WT.(LBS.)
301004	17	52	2.0

Welded pistol grip.

DOUBLE GRIP



P/N	M/N	WT.(LBS.)
86031	16	2.0

Bolted double grip with universal brace.



P/N	M/N	H"	WT.(LBS.)
301137	30	52	2.5

Welded double grip.

DOUBLE LOOP



P/N	M/N	H"	WT.(LBS.)
301115	25B	55	3.0
301119	25C	60	3.3

Welded double loop.



P/N	M/N	H"	WT.(LBS.)
302297	35B	55	3.0

Welded double loop.

SS™ HAND TRUCK NOSES & ROTACASTERS

DIE-CAST



ALUMINUM				
P/N	M/N	W"	D"	WT.(LBS.)
300200	AA	14	7-½	4.0
300201	UA	18	7-½	5.0
MAGNESIUM				
P/N	M/N	W"	D"	WT.(LBS.)
300204	AM	14	7-½	2.5
300197	HM	14	12	3.0
300205	UM	18	7-½	3.0

Designed using either aluminum or magnesium alloys chosen for high strength and corrosion resistance. Aluminum is more rigid and best suited for moderate to mild climates. Magnesium is lighter than aluminum, more flexible and is the best option in cold climates or freezer deliveries.

EXTRUDED ALUMINUM



P/N	M/N	W"	D"	WT.(LBS.)
300254	E2	14	9	5.0
300248	G2	18	9	6.0
300203	K1	16	12	7.0
300215	K2	20	12	8.5

6000 series alloy designed with a tapered profile and leading edge for ease of use and maximum strength to weight ratio.

STEEL



P/N	M/N	W"	D"	WT.(LBS.)
300554	E4	14	9	10.5
300548	G4	18	9	13.5

High strength, low alloy powder coated steel with machined edge for easily sliding under loads.

ROTACASTER®

Non-marking multi-directional polyurethane rollers with sealed bearing and two-piece bushing, sonically welded resulting in a monolithic structure.



P/N	D"	WT.(LBS.)
130502	5	.75

Double row configuration is best used in controlled commercial environments: warehouse, office, in-store, etc.



P/N	D"	WT.(LBS.)
130503	5	1

Triple row configuration is durable and robust enough for industrial environments: route delivery, uneven terrain, outdoor use, etc.

**Rotacaster is a registered trademark of Rotacaster Wheel Ltd. Corporation
U.S. Patent #7,566,102 B2*

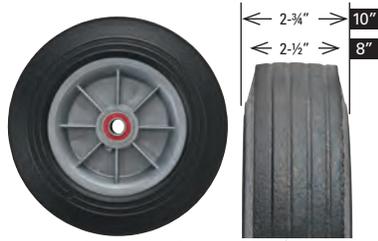
SS™ HAND TRUCK WHEELS

SOLID RUBBER



P/N	M/N	D"	WT.(LBS.)
10815	815	8	2.5

Mold-on rubber on die-cast hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
11825	825	8	3.5
111025	1025	10	5.5

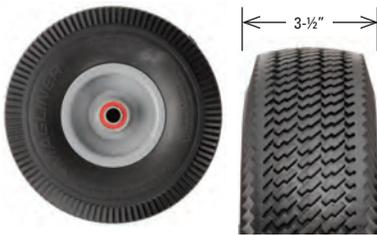
Puncture resistant, solid rubber tire on one-piece polyolefin hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
10830	830	8	2.0
101030	1030	10	3.0

Puncture resistant, non-marking balloon cushion rubber on one-piece polyolefin hub with semi-precision bearings.

MICROCELLULAR



P/N	M/N	D"	WT.(LBS.)
131010	1010	10	4.0

Puncture resistant, non-marking tire on one-piece steel hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111070	1070	10	2.5

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111075	1075	10	3.0

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111080	1080	10	4

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.

Flow through design interlocks rubber, preventing run-off and scalping. (111070, 111075 and 111080 wheels)

PNEUMATIC



P/N	M/N	D"	WT.(LBS.)
121060	1060	10	4.5

4-ply tube-type tire with three-piece off-set hub and semi-precision bearings.

SS™ HAND TRUCK OPTIONS & ACCESSORIES

FRAME EXTENSIONS



P/N	H"	WT.(LBS.)
40050	55	1.5
40010	60	1.5
40011	68	2.5

Hi-U frame extensions add height and stability for taller loads (hardware required).



P/N	H"	WT.(LBS.)
40050F	55	2.0
40010F	60	2.0
40011F	68	2.5

Hi-U frame extensions with foam sleeve (hardware required).



P/N	WT.(LBS.)
302497	0.5

Padded cover for Hi-U frame extensions.

KEG HOOKS



P/N	L"	WT.(LBS.)
32511	4	1.5
32513	5	1.5

Sliding keg hook swings out of the way when not in use. 4" hook for straight side kegs and 5" hook for barrel-style kegs. For use with 300051 frame only (rod and hardware required).



P/N	WT.(LBS.)
301121K	0.5

Holds keg in place securely. For use with 300021 frame only.

ACCESSORY BAGS



P/N	L"	W"	WT.(LBS.)
302681	16-½	12	1.0

- 2 top pockets, sealed with Velcro 10" long x 6" wide
- 1 tool pocket 12" wide x 3-½" deep



P/N	L"	W"	WT.(LBS.)
302680	13	8	0.5

- Main pocket 13" long x 8" wide x 2" deep with 1 Velcro strap
- Outside pocket 5-¼" long x 5-½" wide



P/N	L"	W"	WT.(LBS.)
302682	12-½	12	1.0

- 1 pocket 11" deep x 9" wide



P/N	L"	W"	WT.(LBS.)
302683	29	12	1.0

- 2 top pockets, sealed with Velcro 10-½" long x 6" wide
- 1 tool pocket 12" wide x 3-½" deep
- 1 pocket 11-½" wide x 12" deep

STAIR CLIMBER



P/N	WT.(LBS.)
86101	5.5

Heavy-duty cast stair climbers with replaceable low-friction polymer glide bars.

HAND TRUCK CONVERSION KITS

The conversion from a standard truck to a Self-Stabilizing truck is simple and cost effective. Kits work on standard two-wheel: hand trucks, folding hand trucks, snack trucks, and parcel truck.

	MODELS WITHOUT STAIR CLIMBERS				MODELS WITH STAIR CLIMBERS*	
	10815 WHEELS	WT.(LBS.)	ALL OTHER WHEELS	WT.(LBS.)	P/N	WT.(LBS.)
Standard axle double roller	302914	10.5	302912	11	302973	15.75
Stress proof axle double roller	302915	10.5	302913	11	302974	15.75
Standard axle triple roller	302918	11.5	302916	11.5	302977	16
Stress proof axle triple roller	302919	11.5	302917	11.5	302978	16

*Kits compatible with standard two-wheel hand trucks only. Not compatible with 8" wheels.

GLYDE® HAND TRUCK

Designed with delivery professionals, for delivery professionals!

- It's fast
- It's robust
- It works on **ALL** stairs



Treads engage a minimum of two steps at all times ensuring positive traction and a smooth descent.

The Magliner hand truck with Glyde Technology* is a lightweight system providing automatic pre-set braking for safer load control while descending stairs.

- Easily moves loads up to 350 lbs. down stairs
- Folding treads enable use on stairs and level surfaces
- Built-in braking system reduces musculoskeletal strain

FEATURES

Automatic latch/release mechanism is easily operated with one hand

Gas springs lower Glyde crawlers into place

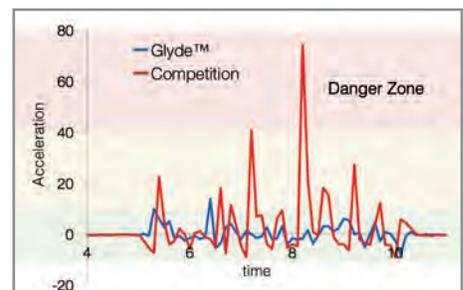


MEDICAL VALIDATION

"The back strain charts clearly demonstrate that the primary force has been markedly decreased from the back muscles. In addition, the jerky movements, which can lead to acute injury, have been removed."
 — Jacqueline Napoletano, M.D.

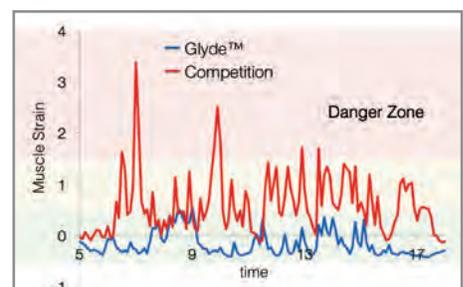
Reduced Acceleration

The acceleration varied dramatically between Glyde and the traditional hand truck. Each of the red peaks corresponds to the traditional truck connecting with each step, while Glyde went down smoothly with minimal jolts. The average peak acceleration of the Glyde was 9x less than that of what is currently used.



Reduced Back Strain

As the traditional hand truck connected with each step, the user experienced a huge jump in back-muscle activation. Glyde again traveled down steps smoothly with much lower muscle activation. Overall, use of the Glyde Hand Truck required 3X less average muscle strain and 8x less average peak muscle strain than its counterpart.



* The Glyde technology was developed in partnership with ELLO. Glyde® is a registered trademark owned by EII Operations, Inc.



GLYDE® HAND TRUCK

FRAMES

ALL ALUMINUM



P/N	M/N	HT. (IN.)	WT. (LBS.)
300001	1	39	6.0

Straight back with 1-1/4" cross braces.

ALUMINUM WITH MOLDED CROSS BRACES



P/N	M/N	HT. (IN.)	WT. (LBS.)
300010	4	39	5.0
303116	P	52	6.5

Straight back with 1-1/4" cross braces.



P/N	M/N	HT. (IN.)	WT. (LBS.)
300021	5	39	5.0
303113	Q	52	7.0

Curved back with 1-1/4" cross braces.

VERT. STRAP OPTION



Bolt-on vertical strap

ALUMINUM CROSS BRACES

P/N	HT. (IN.)	WT. (LBS.)
86350*	39	1.0

*NOTE: compatible with 300001 frame only.

MOLDED CROSS BRACES

P/N	HT. (IN.)	WT. (LBS.)
86352	39	1.0
86356	52	1.0

U.S. Patent #6,893,029

HANDLES

HORIZONTAL LOOP (REQUIRES HI-U EXTENSION)



P/N	M/N	WT. (LBS.)
301000	11	1.0

Standard loop.



P/N	M/N	WT. (LBS.)
301008	19	1.5

Standard loop with vinyl sleeve.



P/N	M/N	WT. (LBS.)
301005	18	1.0

Angled standard loop (3" higher).



P/N	M/N	WT. (LBS.)
301001	24	1.0

Standard loop with straight top.

SINGLE GRIP



P/N	H"	M/N	WT. (LBS.)
301127	60	13C	3.3

Welded pistol grip.

DOUBLE GRIP (REQUIRES HI-U EXTENSION)



P/N	M/N	WT. (LBS.)
86031	16	2.0

Bolted double grip with universal brace.

VERTICAL LOOP



P/N	M/N	H"	WT. (LBS.)
300978	15C	60	3.5
300977	15C	60	3.5

Welded vertical loop.



P/N	M/N	H"	WT. (LBS.)
300994	60	52	2.0

Welded vertical loop. Handle requires Hi-U extension.

DOUBLE LOOP



P/N	M/N	H"	WT. (LBS.)
302298	35D	62	3.5

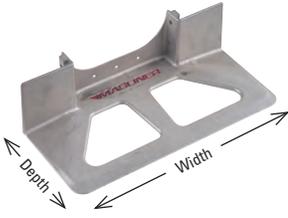
Welded double loop.

All Magliner hand trucks have a 500 pound capacity unless otherwise stated.

GLYDE® HAND TRUCK

NOSES

DIE-CAST



ALUMINUM				
P/N	M/N	W"	D"	WT.(LBS.)
300200	AA	14	7-½	4.0
300201	UA	18	7-½	5.0
MAGNESIUM				
P/N	M/N	W"	D"	WT.(LBS.)
300204	AM	14	7-½	2.5
300197	HM	14	12	3.0
300205	UM	18	7-½	3.0

Designed using either aluminum or magnesium alloys chosen for high strength and corrosion resistance. Aluminum is more rigid and best suited for moderate to mild climates. Magnesium is lighter than aluminum, more flexible, and is the best option in cold climates or freezer deliveries.

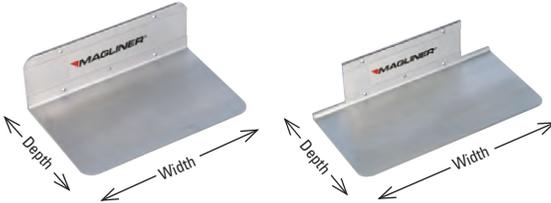
STEEL



P/N	M/N	W"	FLUSH MOUNT		RECESSED MOUNT	
			D"	D"	D"	WT.(LBS.)
300544	E3	14	9	7-½	9.5	
300554	E4	14	9	N/A	10.5	
300545	G3	18	9	7-½	11.5	
300548	G4	18	9	N/A	13.5	

High strength, low alloy, powder-coated steel with machined edge to ease slide under loads.

EXTRUDED ALUMINUM

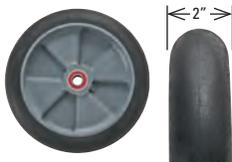


P/N	M/N	W"	FLUSH MOUNT		RECESSED MOUNT	
			D"	D"	D"	WT.(LBS.)
300244	E1	14	9	7-⅛	4.5	
300254	E2	14	9	N/A	5.0	
300245	G1	18	9	7-⅛	5.5	
300248	G2	18	9	N/A	6.0	
300203	K1	16	12	N/A	7.0	
300215	K2	20	12	N/A	8.5	

6000 series alloy designed with a tapered profile and leading edge for ease of use and maximum strength to weight ratio.

WHEELS

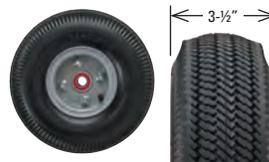
SOLID RUBBER



P/N	M/N	D"	WT.(LBS.)
10830	830	8	2.0

Puncture resistant, non-marking balloon cushion rubber on one-piece polyolefin hub with semi-precision bearings.

PNEUMATIC



P/N	M/N	D"	WT.(LBS.)
121060	1060	10	4.5

4-ply tube-type tire with three-piece offset hub and semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
101020	1020	10	7.0

Foam filled with three-piece offset hub and semi-precision bearings.

MICROCELLULAR



P/N	M/N	D"	WT.(LBS.)
131010	1010	10	4.0

Puncture resistant, non-marking tire on one-piece steel hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111070	1070	10	2.5

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111075	1075	10	3.0

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111080	1080	10	4

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



Flow-through design interlocks rubber, preventing run-off and scalping.

GLYDE® HAND TRUCK ACCESSORIES



P/N	H"	WT.(LBS.)
40010	60	1.5
40011	68	2.5

Hi-U frame extensions add height and stability for taller loads (hardware required).



P/N	H"	WT.(LBS.)
40010F	60	2.0
40011F	68	2.5

Hi-U frame extensions with foam sleeve (hardware required).



P/N	WT.(LBS.)
302497	0.5

Padded cover for Hi-U frame extensions.



P/N	H"	W"	WT.(LBS.)
303134	16	7	3.0
303135	20	9	4.5

Extruded aluminum wings add an additional 6" of load support. 33"/39" frames use kit 303134 (2 upper – 9.5" L x 3"W and 2 lower – 13" L x 3"W) and 52" frames use kit 303135 (2 upper/4 lower wings).



P/N	L"	WT.(LBS.)
32511	4	1.5
32513	5	1.5

Sliding keg hook swings out of the way when not in use. 4" hook for straight side kegs and 5" hook for barrel-style kegs (rod and hardware required).



P/N	H"	W"	WT.(LBS.)
301114K	8-½	2-½	1.5

Wheel guards prevent loads from rubbing against hand truck wheels.

FOLDING NOSES (300 LB. CAPACITY)



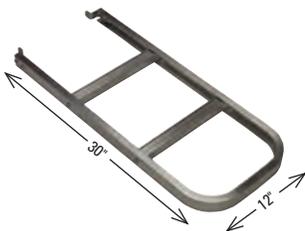
P/N	M/N	WT.(LBS.)
301019	F1	4.0

Low-profile formed aluminum extension.



P/N	M/N	WT.(LBS.)
301025	F2	2.5

Extruded aluminum channel extension.



P/N	M/N	WT.(LBS.)
301026	F3	4.0

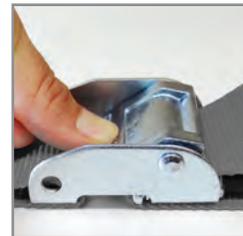
Extruded aluminum channel extension.

MAG-LOC®



P/N	L"	WT.(LBS.)
302920	5.75	.15

Mag-Loc anchors safely secure loads when combined with optional safety straps.



P/N	W"	L'
302923	2	8
302922	2	12
302924	2	16

Cam buckle has 3,000 lb. break strength and 1,000 lb. working load with 6,000 lb. rated weather-resistant polyester webbing.



P/N	W"	L'
302926	2	8
302927	2	12
302928	2	16

Ratchet buckle has 4,400 lb. break strength and 1,467 lb. working load with 6,000 lb. rated weather-resistant polyester webbing.

PADDLE BRAKE TRUCK

- Provides optimal load control on inclines in wet or dry environments
- Steel aircraft cable self adjusts, and self aligns for even braking
- Manages speed from a gradual slowing to a complete stop
- Standard Magliner options available to customize for unique application requirement



P/N	WT.(LBS.)
NPAC3CG2E5	37.0



Brake kit assembly may be added to modify your existing Magliner two-wheel hand truck.

P/N	WT.(LBS.)
NPAC22G2C5H	37.0

Shown with flush-mount nose plates and 10" microcellular foam tires.

PADDLE BRAKE TRUCK OPTIONS

SINGLE GRIP HANDLES



P/N	M/N	H"	WT.(LBS.)
301003	13B	55	3.0
300987	13C	60	3.5



P/N	M/N	WT.(LBS.)
301169	17	2.5

VERTICAL LOOP HANDLES



P/N	M/N	H"	WT.(LBS.)
300988	15A	52	3



P/N	M/N	H"	WT.(LBS.)
300979	15C	60	4.0
300974	15E	68	5.0

DOUBLE GRIP HANDLE



P/N	M/N	WT.(LBS.)
86031	16	2.0

Bolted double grip with universal brace.

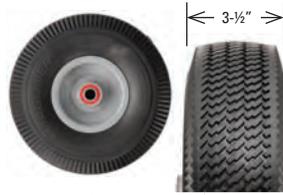
HORIZONTAL LOOP HANDLE



P/N	M/N	WT.(LBS.)
30102	22	2.0

Standard loop with vinyl sleeve and universal brace.

MICROCELLULAR WHEELS



P/N	M/N	D"	WT.(LBS.)
131010	1010	10	4.0

Puncture resistant, non-marking microcellular foam tire on one-piece steel hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111080	1080	10	4

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



Flow through design interlocks rubber, preventing run-off and scalping.



P/N	M/N	D"	WT.(LBS.)
111070	1070	10	2.5

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111075	1075	10	3.0

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.

PNEUMATIC WHEELS



P/N	M/N	D"	WT.(LBS.)
101020	1020	10	7.0

Foam filled pneumatic with three-piece off-set hub and semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
121060	1060	10	4.5

4-Ply pneumatic tube-type tire with three-piece off-set hub and semi-precision bearings.

FOLDING NOSES (300 POUND CAPACITY)

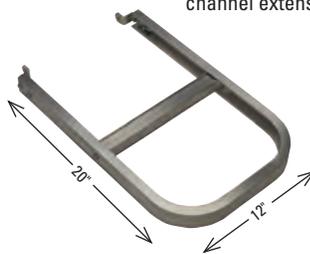
P/N	M/N	WT.(LBS.)
301019	F1	4.0

Low-profile formed aluminum extension.



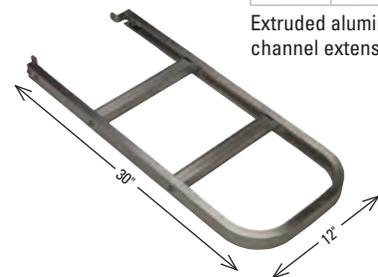
P/N	M/N	WT.(LBS.)
301025	F2	2.5

Extruded aluminum channel extension.



P/N	M/N	WT.(LBS.)
301026	F3	4.0

Extruded aluminum channel extension.



PADDLE BRAKE TRUCK OPTIONS

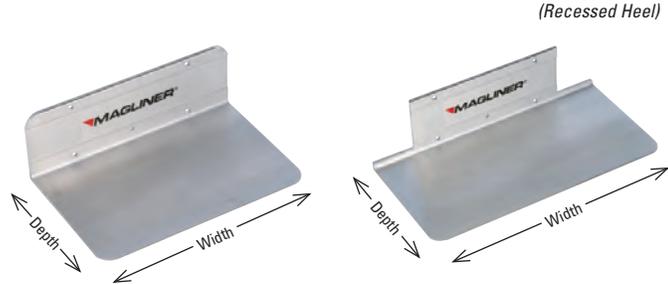
DIE-CAST NOSES



ALUMINUM					
P/N	M/N	W"	D"	WT.(LBS.)	
300200	AA	14	7-½	4.0	
300201	UA	18	7-½	5.0	
MAGNESIUM					
P/N	M/N	W"	D"	WT.(LBS.)	
300204	AM	14	7-½	2.5	
300197	HM	14	12	3.0	
300205	UM	18	7-½	3.0	

Designed using either aluminum or magnesium alloys chosen for high strength and corrosion resistance. Aluminum is more rigid and best suited for moderate to mild climates. Magnesium is lighter than aluminum, more flexible and is the best option in cold climates or freezer deliveries.

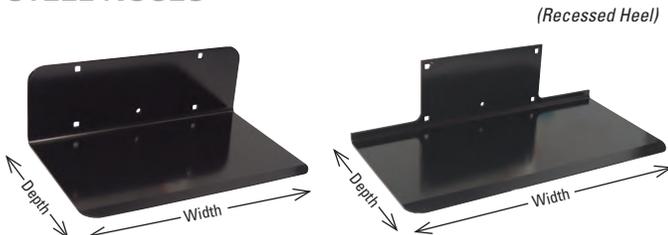
EXTRUDED ALUMINUM NOSES



P/N	M/N	W"	MOUNT		WT.(LBS.)
			FLUSH MOUNT D"	RECESSED MOUNT* D"	
300244	E1	14	9	7-½	4.5
300254	E2	14	9	N/A	5.0
300245	G1	18	9	7-½	5.5
300248	G2	18	9	N/A	6.0
300203	K1	16	12	N/A	7.0
300215	K2	20	12	N/A	8.5

6000 series alloy designed with a tapered profile and leading edge for ease of use and maximum strength to weight ratio.

STEEL NOSES



P/N	M/N	W"	MOUNT		WT.(LBS.)
			FLUSH MOUNT D"	RECESSED MOUNT D"	
300544	E3	14	9	7-½	9.5
300554	E4	14	9	N/A	10.5
300545	G3	18	9	7-½	11.5
300548	G4	18	9	N/A	13.5

High strength, low alloy powder coated steel with machined edge for easily sliding under loads.

ACCESSORIES



P/N	H"	WT.(LBS.)
40050	55	1.5
40010	60	1.5
40011	68	2.5

Hi-U frame extensions add height and stability for taller loads (hardware required).



P/N	H"	WT.(LBS.)
40050F	55	2.0
40010F	60	2.0
40011F	68	2.5

Hi-U frame extensions with foam sleeve (hardware required).



P/N	WT.(LBS.)
302497	0.5

Padded cover for Hi-U frame extensions.



P/N	WT.(LBS.)
86006	2.5

Heavy-duty cast stair climbers with replaceable low-friction polymer glide bars.



P/N	DESCRIPTION	WT.(LBS.)
304169	Brake Truck Kit	1.0 lbs.

Extractor handle easily pulls a hand truck out from under loads. Retrofits easily to most Magliner Brake trucks.

BRAKE TRUCK CONVERSION KITS

P/N	M/N		WT.(LBS.)
304160	11, 12, 19, 22	for 301000, 30100, 301008, and 30102 handles	8.5
304161	16	for 86031 handle	8.5
*304162	13B, 13C	for 301003 and 300987 handles	6.5
*304163	15A, 15C, 15E, 17	for 300988, 300979, 300974 and 301169 handles	6.5

Brake kits convert a standard Magliner hand truck into a brake truck.

*These kits do not include the equivalent brake handle. Must purchase separately.

TWO-WHEEL FOLDING TRUCK



P/N
FTA19E1AL
Straight back.

P/N
FCA19E1AR
Curved back.

- Folds quickly and easily for convenient storage – takes up 72% less cubic space than a standard hand truck
- Large 500 pound load capacity, same as standard Magliner hand trucks
- Heavy-duty construction for superior strength and durability
- Custom extruded latch design may be engaged with one hand

SPECIFICATIONS	
H x W x D (folded)	28-½" x 18-½" x 10"
H x W x D (upright)	49" x 18-½" x 16"
Weight	22 lbs.
Capacity	500 lbs.
Capacity in 12 packs	18
Capacity in 2 liters	3-6
Capacity in 20 oz.	2
Capacity in kegs	2

U.S. Patent #6,601,859

ARISTOCART LUGGAGE TRUCK



P/N
PTVK5243
Shown with 86135 black thermoplastic rubber casters.

- Strong, lightweight aluminum construction
- Easy rolling, large capacity holds everything from luggage to sports equipment
- Additional caster options available (see page 47)
- Hanger bar holds up to 400 lbs. distributed load
- Carpeted deck protects cargo and maintains a professional appearance
- Non-marking, full-width end bumpers

SPECIFICATIONS	
	PTVK5243
Height	72"
Width	18"
Length	38"
Deck height	8"
Casters	5"
Weight	52 lbs.
Capacity	500 lbs.

OPTIONS



P/N	D"	WT.(LBS.)
86135	5	18.0

Black thermoplastic rubber on a polyolefin core (kit includes 2 swivel and 2 rigid casters).

BOTTLED WATER TRAY TRUCKS



P/N
B4A128HM4

4-Bottle tray truck.



P/N
HBA128HM4

5-Bottle tray truck.

- 500-pound capacity
- Converts to hold a combination of boxes and bottles
- Aluminum construction – never rusts
- Trays fold flat against frame when not in use so the truck can be used as a standard hand truck

SPECIFICATIONS		
	4-BOTTLE TRAY TRUCK 128-HM-1060 BW	5-BOTTLE TRAY TRUCK 128-HM-1060 BW
Overall width	21"	21"
Overall height	49"	49"
Tires	10" pneumatic	10" pneumatic
300197 nose plate*	14" wide x 12" deep die-cast	14" wide x 12" deep die-cast
Capacity	500 lbs. 4 five-gallon water bottles	500 lbs. 5 five-gallon water bottles
Weight	28 lbs.	30.4 lbs.

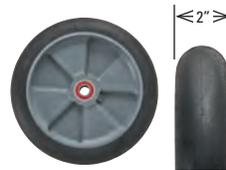
*12" deep nose plate required.



Load Stability

Rubber stops help hold bottles in place and are adjustable to accommodate a variety of bottle sizes.

WHEELS



P/N	M/N	D"	WT.(LBS.)
10830	830	8	2.0
101030	1030	10	3.0

Puncture resistant, non-marking balloon cushion rubber on one-piece polyolefin hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111070	1070	10	2.5

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.

HANDLES



P/N	M/N	WT.(LBS.)
301000	11	1.0

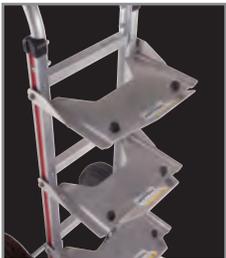
Standard loop.



P/N	M/N	WT.(LBS.)
301188	28	1.0

Standard loop with straight top and foam sleeve.

ACCESSORIES



P/N	WT.(LBS.)
301438	6.0 4-tray kit
301444	8.0 5-tray kit

Tray kit assembly.



P/N	WT.(LBS.)
86006	2.5

Heavy-duty cast stair climbers with replaceable low-friction polymer glide bars.



P/N	M/N	D"	WT.(LBS.)
111075	1075	10	3.0

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111080	1080	10	4

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
121060	1060	10	4.5

4-Ply pneumatic tube-type tire with three-piece off-set hub and semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
131010	1010	10	4.0

Puncture resistant, non-marking microcellular foam tire on one-piece steel hub with semi-precision bearings.

TRAYLESS BOTTLED WATER TRUCK

- Unique frame geometry cradles bottles for safe handling
- Strong, lightweight aluminum construction
- Coated back brace stabilizes the truck when loading in the horizontal position



P/N
BWTA--4
Model shown with 10" pneumatic wheels

SPECIFICATIONS	
	BWTA--4
Overall Width	21.5"
Overall Height	48.5"
Overall Depth	21.5"
Tires	10" pneumatic
Capacity	300 lbs.
Weight	25.5 lbs.

STAIR CLIMBING ACCESSORIES



P/N	WT.(LBS.)
301481	2.5

Heavy-duty cast stair climbers with replaceable low-friction polymer glide bars.

HAND TRUCK WHEELS



P/N	M/N	D"	WT.(LBS.)
10830	830	8	2.0
101030	1030	10	3.0

Puncture resistant, non-marking balloon cushion rubber on one-piece polyolefin hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
11825	825	8	3.5
111025	1025	10	5.5

Puncture resistant, solid rubber tire on one-piece polyolefin hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111070	1070	10	2.5

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111075	1075	10	3.0

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111080	1080	10	4

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.

Flow-through design interlocks rubber, preventing run-off and scalping.



P/N	M/N	D"	WT.(LBS.)
131010	1010	10	4.0

Puncture resistant, non-marking microcellular foam tire on one-piece steel hub with semi-precision bearings.

TWO-WHEEL & FOUR-WHEEL SNACK TRUCKS

Modular All-Aluminum Hand Truck Is Designed To Move Light, Bulky Loads With Fewer Trips!

TWO-WHEEL SNACK TRUCK



P/N	WT.(LBS.)
HSA811AA1-5	28.0

With 44" nose extension.

TWO-WHEEL SPECIFICATIONS

Overall width (as shown)	17"
Overall height	61-½"
Weight	28 lbs.
Capacity (with nose extended)	80 lbs.
Capacity (with nose folded)	500 lbs.

FOUR-WHEEL SNACK TRUCK



P/N	WT.(LBS.)
STA8AA1	34.0

With 815 wheels & folding nose.

FOUR-WHEEL SPECIFICATIONS

Overall width (as shown)	17"
Frame width	12"
Overall width	17-¼"
Overall height	73"
Weight	34 lbs.
Four-wheel bed length	66-½"
Wheels (standard)	8" mold-on rubber
Swivel casters with brakes	5"
Folding nose length	36"
Folding nose capacity (in two-wheel position)	80 lbs.
Four-wheel capacity	200 lbs.

TWO-WHEEL ACCESSORIES



P/N	WT.(LBS.)
86006	2.5

Heavy-duty cast stair climbers with replaceable low-friction polymer glide bars.



P/N	WT.(LBS.)
303085S1	3.0

Aluminum full length stair climbers.



P/N	H"	WT.(LBS.)
40050	68	1.5
40010	73	1.5
40011	81	2.5

Hi-U frame extensions add height and stability for taller loads (hardware required).



P/N	L"	WT.(LBS.)
302154	36	5.0
302147	44	6.0

Optional nose extension supports up to 80 pounds.

TWO-WHEEL SNACK TRUCK OPTIONS

HANDLES

(TWO-WHEEL ONLY)

HORIZONTAL LOOP



P/N	M/N	WT.(LBS.)
301000	11	1.0

Standard loop.



P/N	M/N	WT.(LBS.)
30100	12	1.5

Standard loop with universal brace.

VERTICAL LOOP



P/N	M/N	H"	WT.(LBS.)
300981	15A	61-½	2.35
300978	15C	69-½	3.5

Welded vertical loop.

SINGLE GRIP



P/N	M/N	H"	WT.(LBS.)
301004	17	61-½	2.0

Welded pistol grip.

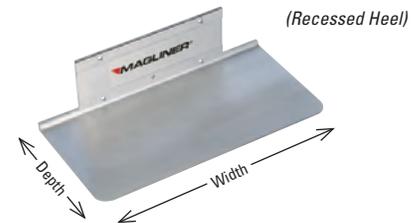
DIE-CAST NOSES



ALUMINUM				
P/N	M/N	W"	D"	WT.(LBS.)
300200	AA	14	7-½	4.0
300201	UA	18	7-½	5.0
MAGNESIUM				
P/N	M/N	W"	D"	WT.(LBS.)
300204	AM	14	7-½	2.5
300197	HM	14	12	3.0
300205	UM	18	7-½	3.0

Designed using either aluminum or magnesium alloys chosen for high strength and corrosion resistance. Aluminum is more rigid and best suited for moderate to mild climates. Magnesium is lighter than aluminum, more flexible and is the best option in cold climates or freezer deliveries.

EXTRUDED ALUMINUM NOSES



P/N	M/N	W"	RECESSED MOUNT D"	WT.(LBS.)
300244	E1	14	7-½	4.5
300245	G1	18	7-½	5.5

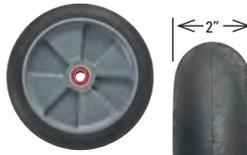
6000 series alloy designed with a tapered profile and leading edge for ease of use and maximum strength to weight ratio.

WHEELS



P/N	M/N	D"	WT.(LBS.)
10815	815	8	2.5

Mold-on rubber on die-cast hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
10830	830	8	2.0
101030	1030	10	3.0

Puncture resistant, non-marking balloon cushion rubber on one-piece polyolefin hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111070	1070	10	2.5

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111075	1075	10	3.0

Puncture resistant, non-marking microcellular tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.

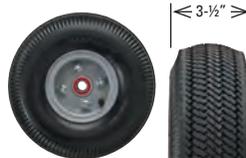


P/N	M/N	D"	WT.(LBS.)
111080	1080	10	4

Puncture resistant, non-marking microcellular foam tire on one-piece high-density, interlocking polyethylene hub with semi-precision bearings.



Flow-through design interlocks rubber, preventing run-off and scapling.



P/N	M/N	D"	WT.(LBS.)
121060	1060	10	4.5

4-Ply pneumatic tube-type tire with three-piece off-set hub and semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
131010	1010	10	4.0

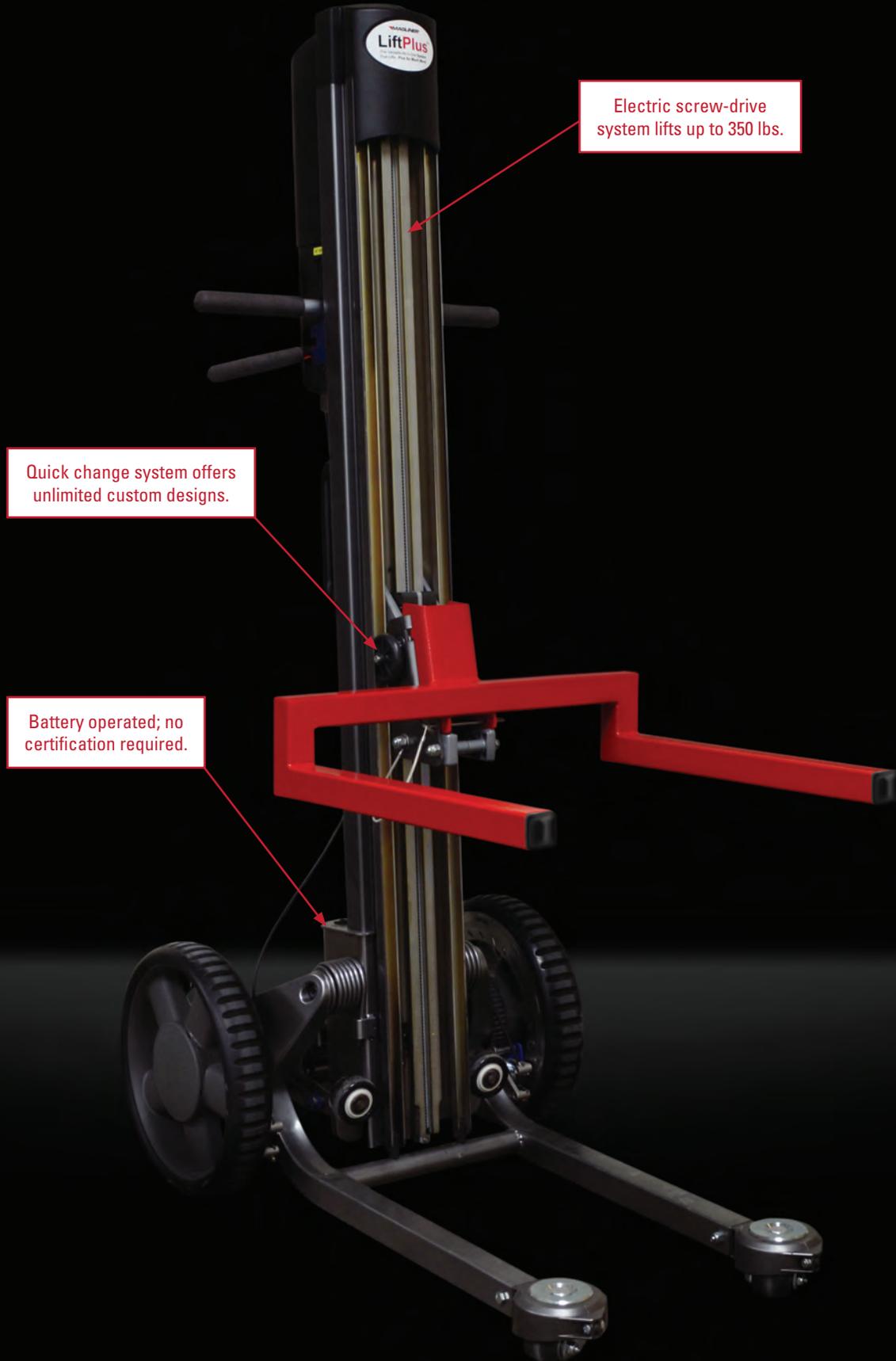
Puncture resistant, non-marking microcellular foam tire on one-piece steel hub with semi-precision bearings.



P/N	M/N	D"	WT.(LBS.)
111825	825	8	3.5
111025	1025	10	5.5

Puncture resistant, solid rubber tire on one-piece polyolefin hub with semi-precision bearings.

POWERED EQUIPMENT



Electric screw-drive system lifts up to 350 lbs.

Quick change system offers unlimited custom designs.

Battery operated; no certification required.

LiftPlus®

Increase Productivity and Reduce Job-Related Injuries with This All-in-One Stacker, Transporter, and Positioner.

- Minimizes bending and stretching
- Narrow footprint fits through most doorways and tight spaces; no fork truck required
- Provides variable height work surface
- Supports diverse loading requirements
- Electric screw drive lift system provides smooth, quiet operation
- Quick change adapter allows easy changes between attachments
- Easy to operate; no certification required; see instructional video on magliner.com
- 350 lb. capacity (120 lb. on high-speed models)
- Lifts 2"/second (4"/second on high-speed models)

SPECIFICATIONS			
	48 MODELS	60 MODELS	72 MODELS
Attachment height (fully lifted)	48"	60"	72"
Attachment height (fully lowered)	3.5"	3.5"	3.5"
Overall height	60"	72"	84"
Overall depth	37"	37"	37"
Weight (base unit)	101 lbs.	108 lbs.	114 lbs.
High speed option	Yes	Yes	No
Battery capacity (median load)	125-150 lift cycles when fully charged		
Overall width (varies)	22" for 14" chassis and 33" for 25" chassis		

U.S. Patent #7,712,582



ONE SYSTEM. MANY TOOLS.

Quickly handle a variety of tasks with the LiftPlus. Choose from over seven attachments!

WORK BENCH



P/N	W"	L"	WT.(LBS.)
536017	18	18	23.5

Platform length expands up to 28". Work clamps, vice, handle, and load-securing back bar included.

BENT FORK



P/N	W"	L"	WT.(LBS.)
536044	21	18	12.5

3.5" height from floor. Available with 14" chassis only.

STRAIGHT FORKS



P/N	W"	L"	WT.(LBS.)
536053	18.5	18.5	11
536048	20	32	16
536060	21	18	11.5

5" height from floor.

V-TRAY



P/N	W"	L"	WT.(LBS.)
536054	19	24.5	10.0

Accommodates cylindrical products 4" to 24" (requires 536053 fork attachment).

ARBOR



P/N	D"	L"	WT.(LBS.)
536039	1.5	24	7.5

Accommodates rolled material.

BOOM AND CHAIN



P/N	D"	L"	WT.(LBS.)
536088	1.875	24	5.5

Adjustable boom plus chain/hook assembly (requires 536039 arbor attachment).

PAIL LIFTER



P/N	D"	L"	WT.(LBS.)
536093	14	16	11

Accommodates three 5-gallon pails. Hook height adjustable 3" to 34" high from top of forks.

STEEL PLATFORMS



P/N	W"	L"	WT.(LBS.)
536025	24	24	15.5

Requires 536044 or 536060 fork attachment.



P/N	W"	L"	WT.(LBS.)
536033	34	34	30

Requires 536048 fork attachment.



P/N	W"	L"	WT.(LBS.)
536103	21.5	19	30

Requires 536060 fork attachment. 18" W x 17.75" L usable surface in center. Available with 25" chassis only.

Have a special application?

Call us today to discuss a custom attachment.

OPTIONS & ACCESSORIES

ERGO HANDLE



P/N	WT.(LBS.)
532128	5.25

Three-position handle provides additional grip points for increased comfort and maneuverability.

TOTE BAG



P/N
534500

Use the tote bag to store the remote and work bench accessories securely on the unit.

BATTERY CHARGER



P/N
63027

External battery charger allows you to charge an extra battery while the lift truck is in use to reduce downtime.

REMOTE



P/N
534200

Tethered remote allows user to actuate lifting and lowering up to 6' away.

ONE SYSTEM. MANY TOOLS.



POWERED STAIR CLIMBER HAND TRUCK

Faster, Safer Deliveries on Stairs



P/N
CLK170EGS4



P/N
CLK140EGS4

- Lightweight aluminum construction and ergonomic design promote proper posture and reduce awkward movements by operator
- Takes only 1.5 hours to charge a totally discharged battery to 90%
- Sliding clutch and electronic overload protection
- Reduces force needed to move loads up and down stairs
- Curved-back frame for kegs and cylinders
- Power assist in climbing and descending modes
- Multiple ascent speeds



Folds easily for convenient storage when not in use.

P/N
CLK110FNG4

SPECIFICATIONS

	CLK170EGS4	CLK140EGS4	CLK110FNG4
Capacity	375 lbs.	300 lbs.	240 lbs.
Maximum speed (steps per minute)	29	35	48
Weight (without battery)	35 lbs.	35 lbs.	35 lbs.
Maximum step height	8"	8"	8"
Overall height	62"	62"	38-1/2" folded 60" unfolded
Width	19"	19"	19"
Depth	18" to 24" depending on nose	18" to 24" depending on nose	11-1/2" folded
Battery capacity approximate steps (with maximum load)	220 steps	220 steps	220 steps
Battery capacity approximate steps (with half-load)	300 steps	300 steps	300 steps

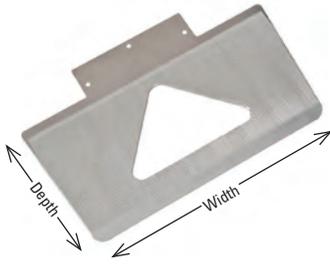
U.S. Patent # 6,386,552 6,616,174

POWERED STAIR CLIMBER ACCESSORIES

ACCESSORIES

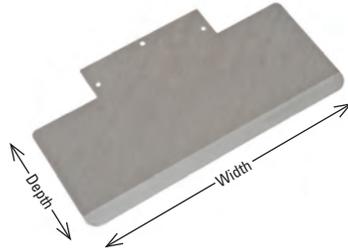
TO FIT EVERY NEED

NOSES



P/N	W"	D"	WT.(LBS.)
930030	18.8	9.4	4.0
930018	14	7	2.25
930003	16.5	13.4	4.0

Grooved nose plate with beveled edge slides easily under loads.



P/N	W"	D"	WT.(LBS.)
930085	17.7	7.5	4.0
930084	18.8	9.4	5.0

Solid nose plate with beveled edge slides easily under loads.

WHEELS



P/N	D"	WT.(LBS.)
030245	10	2.75

10" 4-ply tubed pneumatic wheel with precision bearings.



P/N	D"	WT.(LBS.)
930148	10	2.75

10" non-marking microcellular, puncture-proof wheel with precision bearings.

ACCESSORIES



P/N	WT.(LBS.)
930145 Full Kit	0.5
930140 Clip Only	0.5

Battery securing clip holds the battery firmly in place in high impact situations.



P/N	WT.(LBS.)
930114	2.0

In-transit DC battery charger conveniently charges using the vehicle's lighter.



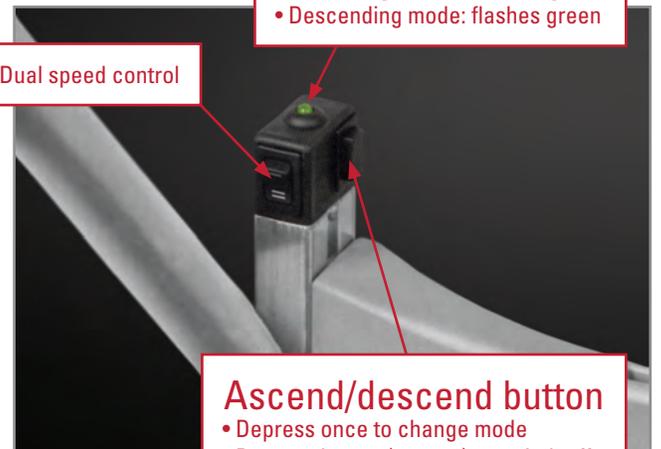
P/N	L"	WT.(LBS.)
930006	56	0.5
930007	100	0.5

Containment strap holds product securely in place during transport.



P/N	WT.(LBS.)
930108	1.0

Keg hook holds keg in place securely during delivery.



Indicator lamp

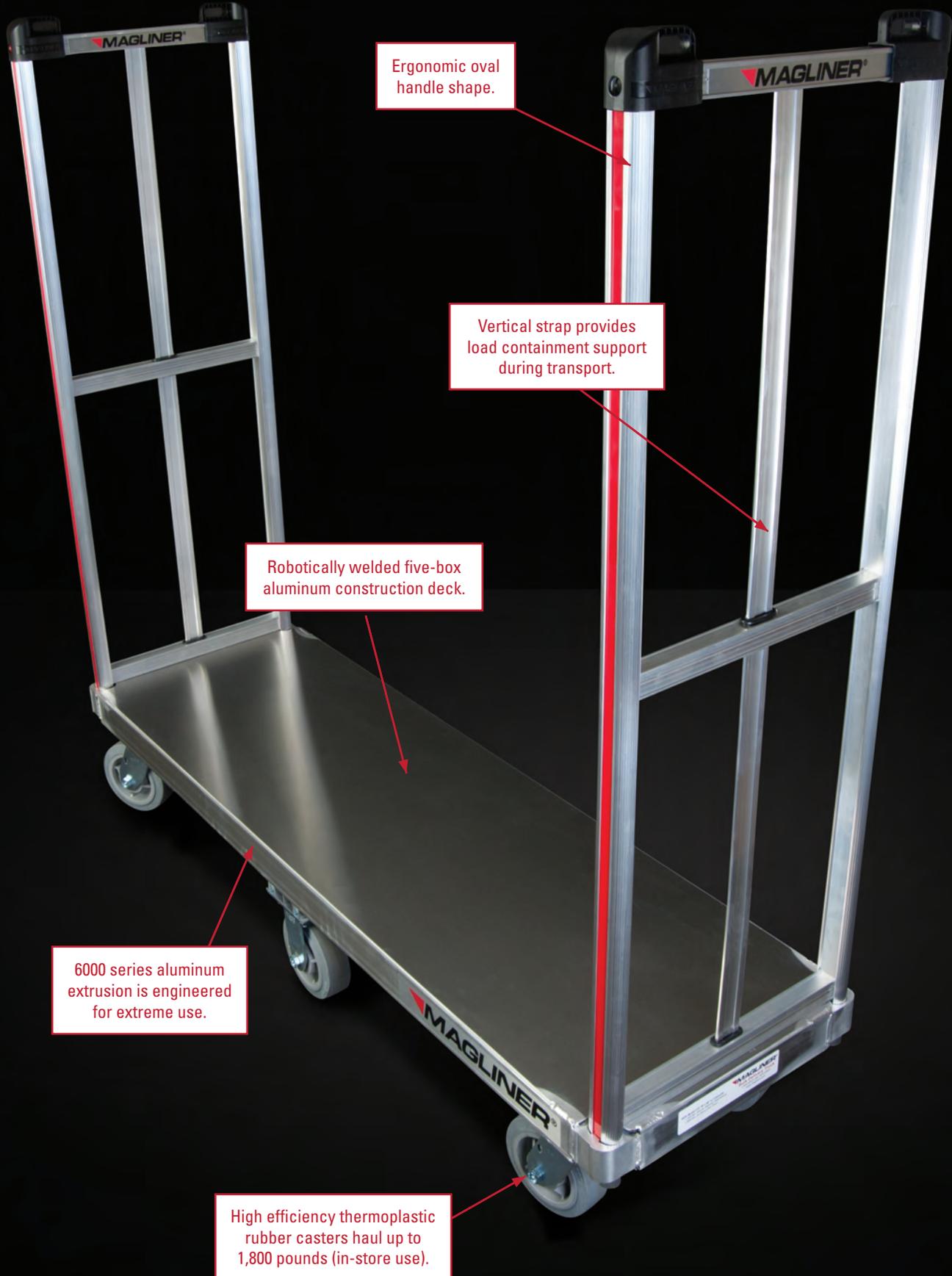
- Ascending mode: constant green
- Descending mode: flashes green

Dual speed control

Ascend/descend button

- Depress once to change mode
- Depress longer (>3 sec.) to switch off

BULK DELIVERY TRUCKS



Ergonomic oval handle shape.

Vertical strap provides load containment support during transport.

Robotically welded five-box aluminum construction deck.

6000 series aluminum extrusion is engineered for extreme use.

High efficiency thermoplastic rubber casters haul up to 1,800 pounds (in-store use).

DECK FEATURES



- Torsion box deck construction resists bending and twisting
- Bottom cross brace rests on deck to provide load containment
- Turns 360 degrees to maneuver around tight spaces
- Made of aluminum so it never rusts
- Has non-marking casters to protect floor surfaces
- Rolls smoothly over bumps, cracks and thresholds
- Stock and deliver more product in less time – holds four times more than a traditional two wheel cart
- Stow in van – no waiting for in-store equipment

P/N	WT.(LBS.)
BDLA112	60.5

HANDLE BENEFITS



- Modular construction offers service parts vs. total handle replacement
- Hardware secured with automotive grade thread locking bolts for superior performance
- Ergonomic oval handle shaped for comfort
- Industrial grade engineered for controlled handling
- Grooved surface for positive grip

P/N	WT.(LBS.)
306167	7.5

SPECIFICATIONS

Capacity	1,200 lbs.
Overall bed size	16" wide x 60" long
Usable bed	16" wide x 55-1/2" long
Platform height	10" from ground
Overall height	59"
Two center casters	6" x 2" (non-marking)
Four end casters	5" x 1-1/4" swivel (non-marking)
Handle	48-1/2" x 15" (from deck)
Weight	45 lbs. base model without handles

BULK DELIVERY TRUCK

INDUSTRIAL USE



DECK FEATURES

- Engineered for durability, longevity and extreme use
- Bottom cross brace rests on deck to provide load containment
- Handle extends through deck for improved retention in the deck
- Center tilt allows easy navigation over thresholds and bumps
- 360-degree maneuverability in aisles and most coolers
- High efficiency tire treads for easy rolling and reduction of push-and-pull effort by drivers during delivery

P/N
BDHA162
Shown with 6" casters.

HANDLE BENEFITS



- Modular construction offers service parts vs. total handle replacement
- Hardware secured with automotive grade thread locking bolts for superior performance
- Ergonomic oval handle shaped for comfort
- Industrial grade engineered for controlled handling
- Grooved surface for positive grip

SPECIFICATIONS

Deck	18" wide x 60" long
Weight	80 lbs.
Capacity	1,500 lbs. route delivery 1,800 lbs. in-store use
Handles	48" high
Casters	6" or 8" x 2"

P/N
306150



Robotically welded five-box aluminum construction optimized for over-the-road payload.

BULK DELIVERY TRUCK INDUSTRIAL USE

ACCESSORIES



P/N	WT.(LBS.)
306020	4.0

Containment curtain securely holds the highest payload per cart.



P/N	WT.(LBS.)
306082	5.0

The quick pick adaptor option allows users to utilize walkie-riders to speed order picking. Two BDTs fit securely on a walkie-riдер allowing warehouse order picking from both sides. BDT must have 6" TPR casters. Incompatible with foot brake option.



Convenient
Carrying Handle

P/N	W"	L"	WT.(LBS.)
RDCR	29	44	43.0

The 3,000 pound capacity curb ramp has a 9" height range. The twin-tooth deck design offers a 26" usable width that provides traction in either direction.



P/N	WT.(LBS.)
KMRD	5.0

The removable, aluminum Keg Mover holds multiple kegs in place for safe, stable transport. Holds 6 full (half barrel) kegs or 11 empty kegs.

OPTIONS



P/N	WT.(LBS.)
349530 6" Casters	8.0
349500 8" Casters	8.0

The foot brake helps hold the unit in place on inclines or when loading products.

U.S. Patent #7,216,877



P/N	D"	W"	WT.(LBS.)
130066 Swivel	6	2	5.0
130067 Rigid	6	2	4.0
130079 Swivel	8	2	6.0
130029 Rigid	8	2	5.0

Heavy duty thermoplastic rubber casters.

PLATFORM TRUCKS



P/N
PTK2436S1-Q

(Shown with 86151 casters and smooth deck.)



P/N
PTK2436T1-Q

(Shown with 86151 casters and tread deck.)



P/N
PTK3060C4FQ

(Shown with 86151 casters, carpeted deck, full perimeter bumper and handles with cross braces.)

- Heavy-duty light aluminum
- Designed for tough job service, load handling, versatility and long life
- One handle standard with a height of 26-1/2" from the base of the platform (second handle optional)
- Durable extruded corner sockets integrated with frame so handle fits tightly and securely
- 1,600 to 3,000 pound capacity
- Reinforced box-frame construction for strength and durability
- Caster brake option can be safely activated for maximum load control

BASE WEIGHT STANDARD SPECIFICATIONS

BED SIZE	SMOOTH/CARPET	TREAD
24 x 36	36	41
24 x 42	39	44
24 x 48	42	48
24 x 60	47	54
30 x 48	46	53
30 x 60	52	60
30 x 72	59	68
36 x 48	53	60
36 x 60	61	69
36 x 72	69	78

(base weight = deck and one handle, no casters)

ACCESSORIES



P/N	W"	WT.(LBS)
330163	24	4.5
330164	30	5.0
330165	36	5.5

Handle with two cross braces help hold load in place.



P/N	D"	WT.(LBS)
86067	5	0.6
86069	8	0.8

Foot-operated, friction-type brake engages tire surface. Attaches to swivel caster.



P/N	D"	W"	WT.(LBS)
Varies	1	1-1/8	Varies

Full perimeter gray non-marking rubber bumpers reduce damage to walls and doors.

PLATFORM TRUCK CASTERS



P/N	D"	W"	WT.(LBS)
86135	5	2	18.0
86151	8	2	24.0

Black thermoplastic rubber on a polyolefin core. Easy to push and roll with flat, hard tread. Limited noise absorption. Performs well on all surface conditions.



P/N	D"	W"	WT.(LBS)
86137	5	2	17.0
86139	8	2	23.0

Gray thermoplastic rubber on a polyolefin core. Round tread, non-marking, good shock and noise absorption. Easy starting and rolling.



P/N	D"	W"	WT.(LBS)
86138	5	2	18.0
86152	8	2	25.0

Maroon polyurethane on a polyolefin core. Resistant to water, chemicals and solvents. Hard tread for easy rolling. Limited noise absorption. Performs well on all surface conditions.

CASTER KIT**	WHEEL CONSTRUCTION								SWIVEL CASTER			RIGID CASTER	
	A = 1 BRAKE B = 2 BRAKES	SIZE DIA. X WIDTH	CAP. SET OF 4 (LBS.)	TREAD HARDNESS	TREAD COLOR	HUB COLOR	BEARING TYPE	TEMP. RANGE	LOAD HT.	PART NO. (B = BRAKE)	SWIVEL RADIUS	APPROX. WGT.*(LBS.)	PART NO.
86135 86135A 86135B	5" x 2"	1,600	65 ±5 durometer A-scale	black	light gray	Roller	-45° to +180°F	6½"	13057	4¼	4.35	13058	3.55
13057B									4.95				
86151 86151A 86151B	8" x 2"	2,800	65 ±5 durometer A-scale	black	light gray	Roller	-45° to +180°F	9½"	130076	6	5.8	130075	4.95
130076B									6.6				
86137 86137A 86137B	5" x 2"	1,600	65 ±5 durometer A-scale	light gray	light gray	Roller	-45° to +180°F	6½"	13053	4¼	4.2	13054	3.45
13053B									4.8				
86139 86139A 86139B	8" x 2"	2,800	65 ±5 durometer A-scale	light gray	light gray	Roller	-45° to +180°F	9½"	13063	6	5.55	13064	4.7
13063B									6.35				
86138 86138A 86138B	5" x 2"	3,000	55 ±5 durometer A-scale	maroon	light gray	Roller	-45° to +180°F	6½"	13059	4¼	4.4	13060	3.6
13059B									5				
86152 86152A 86152B	8" x 2"	3,000	55 ±5 durometer D-scale	maroon	light gray	Roller	-45° to +180°F	9½"	130077	6	6.05	130078	5.2

* Caster only

** All Caster Kits include 2 rigid and 2 swivel casters and attaching hardware.



Propulsion option provides forward and reverse assistance.

Safety strap secures loads during delivery.

Power lifting system provides stable raising and lowering of products.

Non-marking 6" thermoplastic rubber caster.



- More cases per transport increase productivity
- Hydraulic dual wheel disc brake system
- Center tilt design navigates easily over thresholds and bumps
- 360° maneuverability in store aisles and most coolers
- 24-volt battery system may be charged from a standard wall unit or on board a delivery vehicle
- Non-marking, 6"x2" thermoplastic rubber casters
- Three point deck support increases pallet stability

U.S. Patent #8,282,111 8,894,076

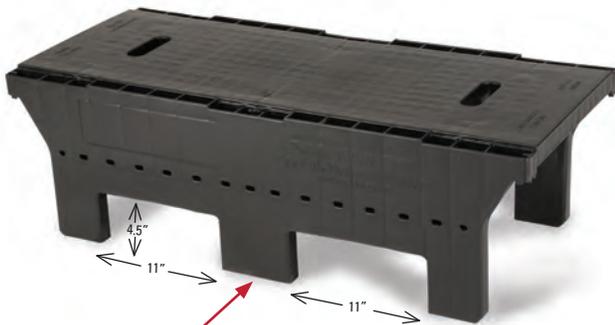
SPECIFICATIONS <i>Lift Only Models</i>				
P/N	SIZE (L X W X H)	WEIGHT (LBS.)	CAPACITY (LBS.)	CASE LOAD
CTA43	56" x 19" x 62"	230	1,200	40
CTA48	56" x 19" x 62"	230	1,350	45
CTA53	56" x 19" x 62"	222	1,500	50

Propulsion models only:

- Propulsion option provides forward and reverse speed at 2.5 mph
- Interlock button on throttle minimizes accidental activation of propulsion system

SPECIFICATIONS <i>Models With Propulsion</i>				
P/N	SIZE (L X W X H)	WEIGHT (LBS.)	CAPACITY (LBS.)	CASE LOAD
CPA43	63" x 19" x 62"	346	1,200	40
CPA48	63" x 19" x 62"	346	1,350	45
CPA53	63" x 19" x 62"	338	1,500	50

PALLETS



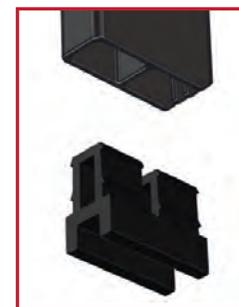
Fits all standard fork truck and electric pallet truck tine widths.

- Empty pallets interlock, optimizing warehouse and delivery vehicle storage space inside delivery vehicle
- Pallets self-align and interlock with the CoolLift deck when raised for safe, secure product movement during delivery
- Pallets integrate with warehouse automation systems, and warehouse personnel can pick and load/unload multiple pallets simultaneously using the optional pallet adaptor available for forklifts and walkie riders

SPECIFICATIONS				
P/N	SIZE (L X W X H)	WEIGHT (LBS.)	CAPACITY (LBS.)	CASE LOAD
309344	43" x 18.5" x 13.5"	25	1,200	40
309345	48" x 18.5" x 13.5"	29	1,350	45
309346	53" x 18.5" x 13.5"	32	1,500	50

PALLET EXTENSIONS

- Components made of impact-resistant high-density polyethylene (HDPE) for years of use
- Extensions firmly press-fit into pallet legs



P/N	DESCRIPTION	WT.(LBS.)
309722	for 43" pallets (309185 & 309344)	1.5
309723	for 48" pallets (309186 & 309345)	2.0
309724	for 53" pallets (309187 & 309346)	2.5

ACCESSORIES

ERGO CO₂ CONTAINMENT RACK



Specifically designed to interface with any size CooLift pallet. No hardware required; rack legs slide into pallet slots.

CO ₂ RACK SPECIFICATIONS		
P/N	SIZE (L X W X H)	WT
309316*	45-3/4" x 18-1/2" x 41-3/4"	47.5 lbs.

*Pallet not included. Ships complete with 8" E-Track strap.

PALLET MOVER



SPECIFICATIONS	
PALLET MOVER CPMUNV	
Capacity	750 lbs.
Deck height (fully lowered)	11"
Deck height (fully raised)	13.25"
Overall length, handle extended	82"
Overall length, handle upright	53-1/2"
Overall height, handle extended	35"
Overall height, handle upright	53"
Weight	55 lbs.

U.S. Patent Pending.

- Designed for indoor use
- Compatible with all CooLift pallet lengths
- Multiple handle positions allow pulling or pushing of loads
- Highly maneuverable wheel and caster configuration navigates aisles, coolers, and tight spaces with ease
- Completely modular system for easy maintenance and reduced down time

HANDLE OPTION



P/N	WT.(LBS.)
309330	5.0

Lift assist handle provides additional leverage for maneuvering uneven tailgates and terrain.

ACCESSORY BAG



P/N	SIZE (L X W)	WT.(LBS.)
309256	10" x 18"	.25 lbs.

Perfect for hand-held computers and printers.

CURB RAMP



P/N
RDCR

- Gain entry to building when an access ramp is unavailable.
- Sturdy, lightweight aluminum construction is easily handled by one person.
- Twin-tooth deck design provides traction in either direction for safer delivery.

SPECIFICATIONS	
Capacity	3,000 lbs.
Usable width	26"
Overall width	29"
Overall length	44"
Height range	9"
Weight	43 lbs.

PALLET ADAPTER FOR USE WITH FORK TRUCK AND WALKIE-RIDER



- Rugged, heavy-duty steel construction
- Adjustable fork tine pockets accommodate both pallet jacks and fork trucks
- Minimum of 1" gap between fork pockets when loaded stops stretch wrap from rubbing
- Pallets rest against fork truck tines (or pallet jack battery box) so a separate "back stop" is not needed



- 1-1/2" offset design allows each pallet to be set down individually

PART NUMBER	WEIGHT	CAPACITY (LBS.)
309190 adapter for 43" and 48" pallets	335 Lbs.	2,400
309190L 43" and 48" pallet adapter with legs	371 Lbs.	2,400
309214 adapter for 53" pallets	350 Lbs.	3,000
309214L 53" pallet adapter with legs	438 Lbs.	3,000



- Permanently attached 1/4" safety chain fastens easily to fork truck
- 1/2" gap allows proper alignment of pallets built with product overhang



- Retracting leg option available for easy storage of the pallet adapter when using a walkie rider

U.S. Patent # 9,458,000

COLLAPSIBLE PALLET PICKING ADAPTER FOR WALKIE-RIDERS ONLY

Increase warehouse efficiency and save valuable floor space by using the same pallet moving equipment for both Coolift and conventional pallets.



- Rugged, heavy-duty steel construction
- Decks fold up when not in use for handling standard stringer pallets
- Made for use with any size Coolift pallet
- Permanent installation eliminates need for warehouse space to store the adapter
- Averages 75% less time to change between Coolift pallet and conventional pallet modes (compared to removable pallet adapter models)

Bulk head design does not obstruct driver visibility or allow product to fall through

Dampering feature controls deck lowering



Non-binding link system provides smooth movement between deck positions - only 15 lbs. of force needed to lift each deck

Platform is offset vertically by 1-1/2" to allow each pallet to be set down individually

**Note: Load the Coolift pallet beginning at the bulkhead and cube outward to avoid tipping.*

U.S. Patent # 9,457,999

SPECIFICATIONS	
Overall Depth (collapsed)	2-1/2"
Height	60"
Width	37-1/8"
Weight	220 lbs.
Capacity	3,000 lbs.



Heavy-duty aluminum channel frame construction.

3-1/2" non-marking phenolic rollers with sealed, low maintenance bearings.

Compatible with all pallet systems.

PALLET DOLLIES

Don't Wait For a Forklift!

- Easy access to any pallet load, increases safety and productivity
- Lightweight, heavy-duty aluminum channel frame construction
- Rounded corners for safety
- Steel hexagonal axles interlock with frame to prevent rotation
- Compatible with all pallet systems: wood - metal - plastic - slip sheet
- Available in non-tilt and tilt design to enable turning



SPECIFICATIONS		
Available widths	36", 42" or 48"	
Available lengths	36", 42" or 48"	
Height from floor	4-½"	
Weight (range)	30 – 47 lbs.	
Capacity for PDN (non-tilt models)		
	Phenolic	TPU
6 roller, 2 center rollers	4,000 lbs.	3,000 lbs.
8 roller, 4 center rollers	6,000 lbs.	4,000 lbs.
10 roller, 6 center rollers	8,000 lbs.	5,000 lbs.
Capacity for PDT (tilt models)		
	Phenolic	TPU
6 roller, 2 center rollers	3,600 lbs.	2,000 lbs.
8 roller, 4 center rollers	5,400 lbs.	3,000 lbs.
10 roller, 6 center rollers	7,200 lbs.	4,000 lbs.

STANDARD OPTIONS

HORIZONTAL CENTER BRACE



Adds additional load support (center brace not compatible with Towing Hitch option).

ROLLERS



P/N	D"	W"	WT.(LBS.)
140104	3.5	3	1.45

Thermoplastic polyurethane non-marking roller with semi-precision bearings (required for towing option).



P/N	D"	W"	WT.(LBS.)
140101	3.5	3	1.35

Phenolic non-marking roller with semi-precision bearings (standard).

PALLET DOLLY ACCESSORIES

TOWING HITCH

Allows multiple pallet dollies to be towed at a time. 5 mph maximum towing speed.

- Improve material flow and cycle efficiency
- Reduce inventory and material handling
- TPU rollers required

Welded roller cover is required for use with any pallet style with legs (including: sheet molded plastic and corrugated formed pallets)



TOWING HITCH OPTIONS

HANDLE



HANDLE		
P/N	DESCRIPTION	WT.(LBS.)
35023	Includes a handle, hitch bracket and hardware	14.5

TOWING QUANTITY (UP TO)	WT. CAP.
Five (6 roller) dollies	10,000 lbs.
Four (8 roller) dollies	12,000 lbs.
Three (10 roller) dollies	12,000 lbs.

TOWING KITS		
P/N	DESCRIPTION	WT.(LBS.)
35020	36" long dollies	14.0
35021	42" long dollies	14.5
35022	48" long dollies	15.0

Towing kits include hitch system, center cross brace and hardware.

CASTER DOLLIES

- High strength, all welded extruded aluminum construction
- Light, tough, highly maneuverable with swivel casters
- 5" Phenolic type wheels, roller bearing mounted



	CDC2136	CDC2442
Sizes	21" x 36"	24" x 42"
Weight	35 lbs.	39 lbs.
Overall height	10"	10"
Capacity	2,000 lbs.	2,000 lbs.

P/N	WT.(LBS.)
CDC2442	39.0

- Full 360-degree maneuverability for tight, sharp turns
- Riveted aluminum construction
- 3" Polyolefin wheels on swivel casters



P/N	WT.(LBS.)
CDH2130	14.0

	CDH1824	CDH2130
Sizes	18" x 24"	21" x 30"
Weight	12 lbs.	14 lbs.
Overall height	5-1/4"	5-1/4"
Capacity	900 lbs.	900 lbs.

RAMPS

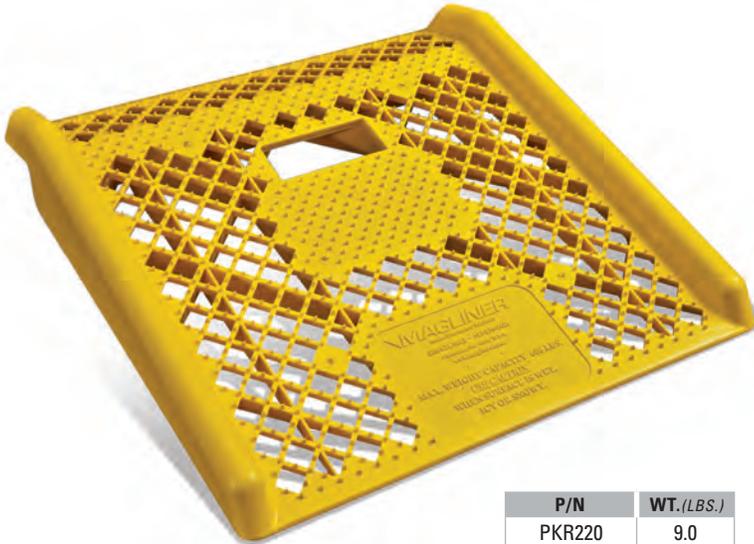
Twin-tooth extruded deck provides a high-traction walk surface.

3-¼" safety curb prevents run-off.

Welded steel safety chains are standard on all apron models.

Beveled ends for smooth transition from truck to ground.

MOLDED ENGINEERED PLASTIC CURB RAMP



P/N	WT.(LBS.)
PKR220	9.0

- Light and portable, easy to handle
- Aggressive non-skid surface for secure footing
- Open surface to allow debris to pass through
- Strong and durable



SPECIFICATIONS	
Overall width	27"
Overall length	27"
Service range	Up to 8"
Capacity	600 lbs.
Weight	9 lbs.

ALUMINUM CURB RAMP



P/N	WT.(LBS.)
ALCR	16.0

- Lightweight
- Corrosion-resistant aluminum
- Replaceable safety walk strips for secure footing
- 2" x 5" Hand cut-out for easy handling
- 1-¼" High safety side rails

SPECIFICATIONS	
Overall width	27"
Overall length	27"
Service range	2-½" - 8"
Capacity	750 lbs.
Weight	16 lbs.

VAN WALK RAMPS

Magline Has Been Making Quality Aluminum Ramps For Over 50 Years.

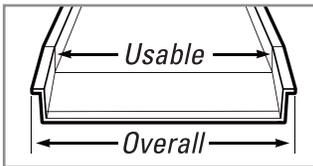


Apron Model

- Twin-tooth deck for better traction when traveling in either direction
- Strong, lightweight interlocking aluminum construction makes ramps easily portable and convenient
- All apron models complete with 8" apron; 3-1/4" position stop; safety chains
- All hook models complete with two heavy duty safety hooks
- 4-1/4" Side rail height
- 3-1/4" Curb height

APRON MODEL SPECIFICATIONS

NOMINAL LENGTHS	MAX HEIGHT RANGE	ACTUAL LENGTH	RATED CAPACITY (LBS)	2,900 SERIES				3,900 SERIES			
				P/N	OVERALL WIDTH	USABLE WIDTH	WEIGHT (LBS)	P/N	OVERALL WIDTH	USABLE WIDTH	WEIGHT (LBS)
3'	9"	36"	3,000	VR29032	28-3/4"	26-1/4"	36	VR39032	39-1/4"	37"	43
4'	12"	45"	3,000	VR29042	28-3/4"	26-1/4"	41	VR39042	39-1/4"	37"	53
5'	18"	63"	3,000	VR29052	28-3/4"	26-1/4"	54	VR39052	39-1/4"	37"	67
6'	21"	72"	2,800	VR29062	28-3/4"	26-1/4"	57	VR39062	39-1/4"	37"	76
7'	27"	90"	2,800	VR29072	28-3/4"	26-1/4"	72	VR39072	39-1/4"	37"	90
8'	31"	99"	2,500	VR29082	28-3/4"	26-1/4"	78	VR39082	39-1/4"	37"	98
9'	34"	108"	2,500	VR29092	28-3/4"	26-1/4"	86	VR39092	39-1/4"	37"	108
10'	37"	117"	2,200	VR29102	28-3/4"	26-1/4"	93	VR39102	39-1/4"	37"	114
12'	46"	144"	1,900	VR29122	28-3/4"	26-1/4"	110	VR39122	39-1/4"	37"	139
14'	52"	162"	1,600	VR29142	28-3/4"	26-1/4"	123	VR39142	39-1/4"	37"	151
16'	61"	189"	1,000	VR29162	28-3/4"	26-1/4"	147	VR39162	39-1/4"	37"	176



Hook Model

HOOK MODEL SPECIFICATIONS

NOMINAL LENGTHS	MAX HEIGHT RANGE	ACTUAL LENGTH	RATED CAPACITY (LBS)	2,900 SERIES				3,900 SERIES			
				P/N	OVERALL WIDTH	USABLE WIDTH	WEIGHT (LBS)	P/N	OVERALL WIDTH	USABLE WIDTH	WEIGHT (LBS)
3'	13"	39"	3,000	VR29031	28-3/4"	26-1/4"	33	VR39031	39-1/4"	37"	41
4'	16"	48"	3,000	VR29041	28-3/4"	26-1/4"	40	VR39041	39-1/4"	37"	49
5'	22"	66"	3,000	VR29051	28-3/4"	26-1/4"	50	VR39051	39-1/4"	37"	65
6'	25"	75"	2,800	VR29061	28-3/4"	26-1/4"	56	VR39061	39-1/4"	37"	70
7'	32"	93"	2,800	VR29071	28-3/4"	26-1/4"	72	VR39071	39-1/4"	37"	90
8'	35"	102"	2,500	VR29081	28-3/4"	26-1/4"	75	VR39081	39-1/4"	37"	93
9'	38"	111"	2,500	VR29091	28-3/4"	26-1/4"	83	VR39091	39-1/4"	37"	106
10'	41"	120"	2,200	VR29101	28-3/4"	26-1/4"	89	VR39101	39-1/4"	37"	109
12'	50"	147"	1,900	VR29121	28-3/4"	26-1/4"	107	VR39121	39-1/4"	37"	133
14'	56"	165"	1,600	VR29141	28-3/4"	26-1/4"	119	VR39141	39-1/4"	37"	148
16'	66"	192"	1,000	VR29161	28-3/4"	26-1/4"	140	VR39161	39-1/4"	37"	172

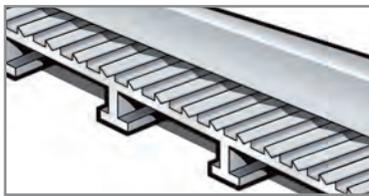
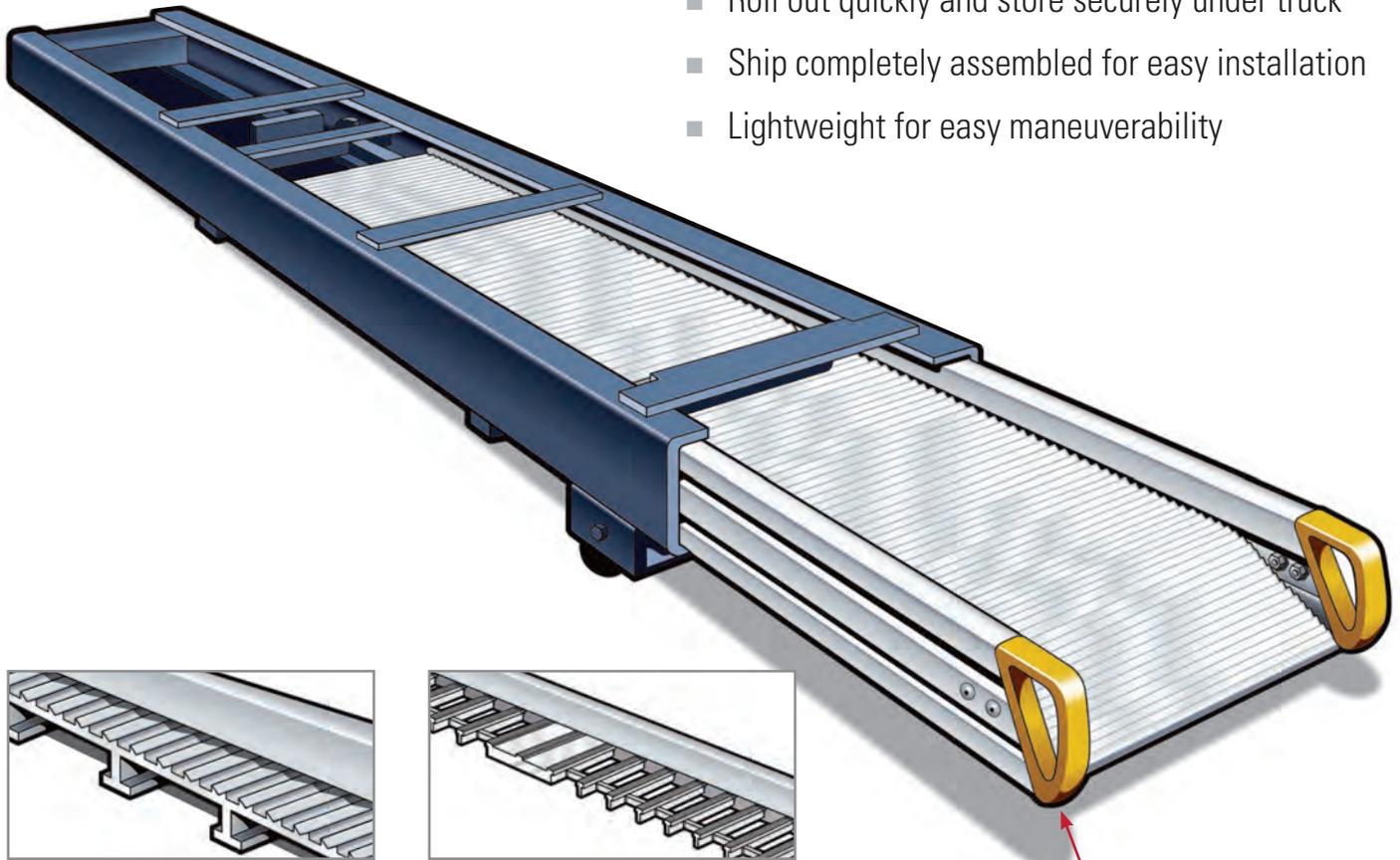
*For hook models, notches in the truck's rear apron will need to be spaced center-to-center as follows: 2900 series - 24-1/2", 3900 series - 35-1/4"

Note: Walk ramps not made for powered equipment or pallet jack use. Recommended for use with hand trucks only.

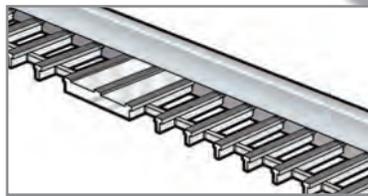
SLIDER® & POSI-STEP® RAMPS

Retractable Underbody Truck Ramps – Built For Tough, Long Lasting Service

- Roll out quickly and store securely under truck
- Ship completely assembled for easy installation
- Lightweight for easy maneuverability



Slider® Traction Surface
Safe, secure traction in either direction of travel. Twin-Tooth aluminum deck spans the entire surface area, including the sloped entry apron.

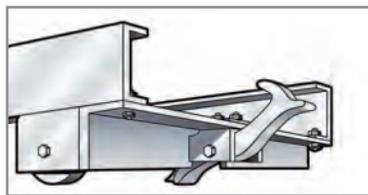


Posi-Step® Traction Surface
Water, dirt and small debris do not accumulate on open I-Beam surface. Strong, high traction walk surface.

REPLACEABLE HANDLES
Comfortable, safe grip for handling and positioning ramp.



Anti-Rattle Springs
Prevent ramp from bouncing or rattling when the truck is underway.



Safety Lock
Holds ramp securely in place when stored under truck body. Easy to operate, simply press down on locking arm to release ramp. Lock automatically snaps back to 'secured' position when ramp is retracted for storage.



Anti-Theft Angle Stop
Prevents ramp from being extended too far; reduces the risk of theft when vehicle is unattended.

Note: Ramps not made for powered equipment or pallet jack use. Recommended for hand truck use only.

SLIDER® & POSI-STEP® RAMPS

SPECIFICATIONS

	SLIDER OR POSI		SLIDER RAMP ONLY
	2,400 SERIES	2,600 SERIES	3,200 SERIES
Track height	5- ³ / ₈ "	5- ³ / ₈ "	5- ³ / ₈ "
Track width	25"	27- ¹ / ₄ "	32- ⁷ / ₈ "
Ramp rail height	3- ⁷ / ₈ "	3- ⁷ / ₈ "	3- ⁷ / ₈ "
Ramp curb height	1- ⁹ / ₁₆ "	1- ⁹ / ₁₆ "	1- ⁹ / ₁₆ "
Ramp width outside	24- ¹ / ₈ "	26- ³ / ₈ "	32"
Ramp usable width	22- ¹ / ₈ "	24- ³ / ₈ "	30"

GENERAL INFORMATION											
MODELS	RAMP LENGTH	TRACK LENGTH	LOAD CAPACITY (LBS)	BODY LENGTH	TRUCK BED HEIGHT - DEGREE OF SLOPE						
					30"	34"	38"	42"	46"	50"	54"
10 Ft.	120"	141"	1500	12' Min.	14- ¹ / ₂ °	16- ¹ / ₂ °	18- ¹ / ₂ °	20- ¹ / ₂ °	—	—	—
12 Ft.	138"	159"	1500	14' Min.	12°	13- ¹ / ₂ °	15- ¹ / ₂ °	17°	18- ¹ / ₂ °	20- ¹ / ₂ °	—
14 Ft.	165"	186"	1300	16' Min.	10- ¹ / ₂ °	11- ¹ / ₂ °	13°	14- ¹ / ₂ °	16°	17- ¹ / ₂ °	18- ¹ / ₂ °
16 Ft.	192"	213"	900	18' Min.	9°	10°	11- ¹ / ₂ °	12- ¹ / ₂ °	14°	15°	16- ¹ / ₂ °

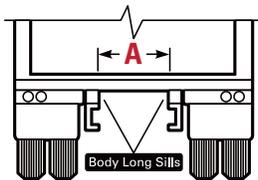
Slider and Posi-Step Ramps Are Shipped Completely Assembled For Easy Installation.
All Ramp Parts Are Replaceable.

SPECIFICATIONS								
	10' MODELS		12' MODELS		14' MODELS		16' MODELS	
	SLIDER	POSI	SLIDER	POSI	SLIDER	POSI	SLIDER	POSI
Length of track	141"	141"	159"	159"	186"	186"	213"	213"
Length of ramp	120"	120"	138"	138"	165"	165"	192"	192"
Ramp capacity (lbs.)	1,500	1,000	1,500	1,000	1,300	1,000	900	1,000
Minimum body length	144"	144"	168"	168"	192"	192"	216"	216"

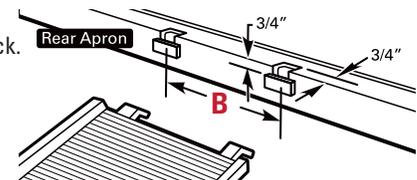
Important: Dimensions shown are nominal. Actual dimensions may vary by as much as $\pm 1/2$ " (Ramp and track may be more).

REQUIREMENTS

- A.** The clearance between the body long sills and hanger bolts must be a minimum of:
- 2400 series - 25-¹/₄"
 - 2600 series - 27-¹/₂"
 - 3200 series - 33-¹/₈"



- B.** Slider and Posi-Step ramps require notches in the rear apron of the truck. Notches will need to be spaced, center to center, as follows:
- 2400 series - 20-³/₄"
 - 2600 series - 23"
 - 3200 series - 28-⁵/₈"

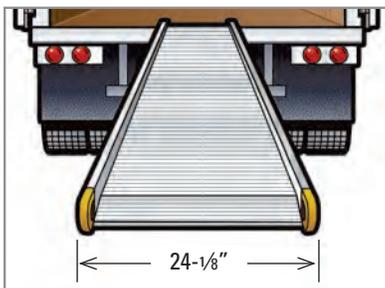


OPTIONS

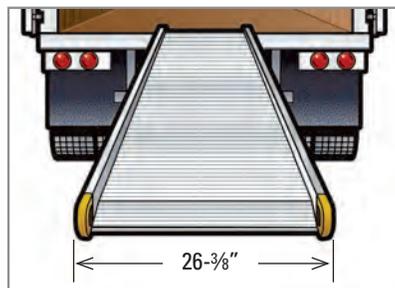


Optional Lift Assist

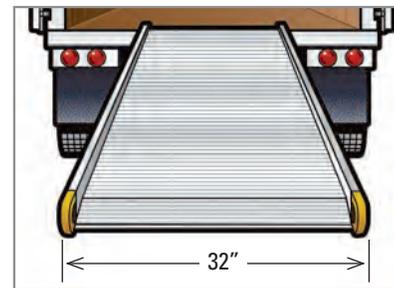
Reduces strain on operators by decreasing weight lifted when positioning ramp for use. Powered by two gas cylinders, the ramp adjusts easily for different chassis heights. The Lift Assist may be factory installed or field retrofit.



Downsized Truck Chassis
2400 Series



Standard Truck Chassis
2600 Series

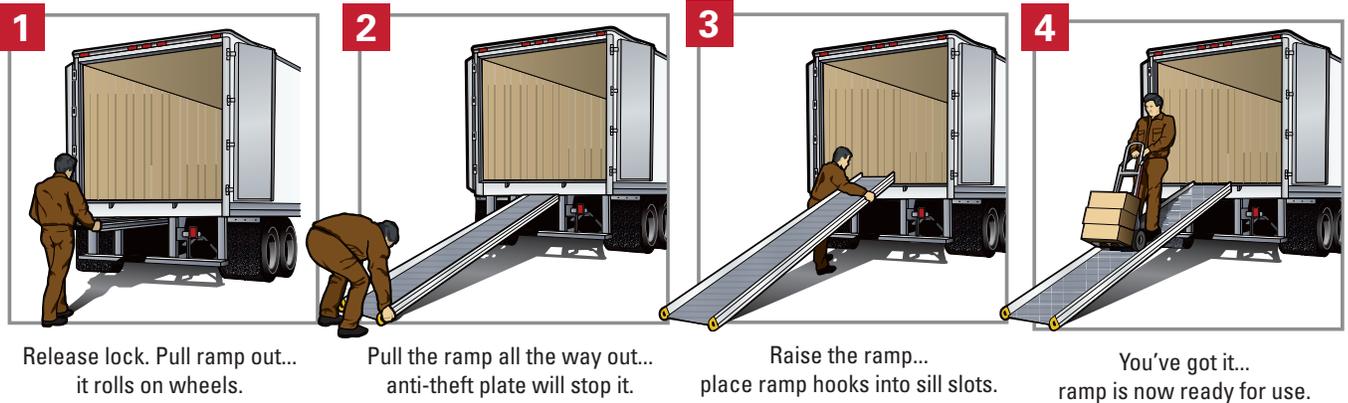


Trailer & Wide Truck Chassis
3200 Series

Note: Ramps not made for powered equipment or pallet jack use. Recommended for hand truck use only.

SLIDER® & POSI-STEP® RAMPS

EASY TO OPERATE



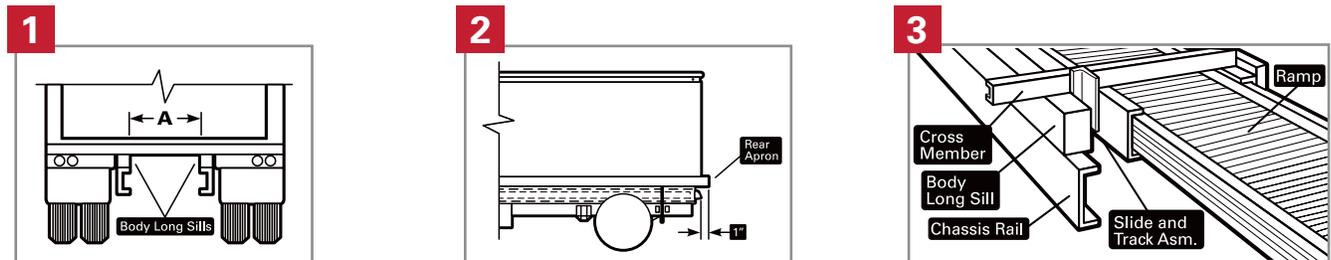
1 Release lock. Pull ramp out... it rolls on wheels.

2 Pull the ramp all the way out... anti-theft plate will stop it.

3 Raise the ramp... place ramp hooks into sill slots.

4 You've got it... ramp is now ready for use.

FAST, EASY INSTALLATION - 5 SIMPLE STEPS

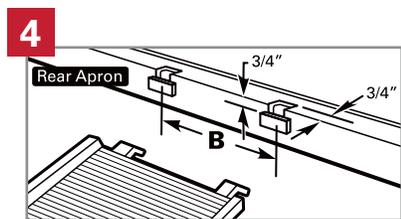


- 1
 - A. Check dimensions of area where Slider Ramp is to be installed.
 - B. The clearance between the body long sills and hanger bolts must be a minimum of 25- $\frac{1}{4}$ " (2,400 series); 27- $\frac{1}{2}$ " (2,600 series ramps); and 33- $\frac{1}{8}$ " (3,200 series).
 - C. Minimum depth required between truck chassis and bottom of body cross members is 5- $\frac{1}{2}$ " (all series).

- 2
 - A. Position Slider Ramp in truck opening between body long sills.
 - B. Move the assembly until the ramp handles are a recommended distance of 1" inboard of rear apron. This prevents accidental damage to the Slider Ramp handles when backing up to a loading dock, etc.

3 Secure the Slider Ramp slide and track assembly to the body cross members by welding short steel hanger angles starting at forward end and at intervals of approximately four (4) feet.

IMPORTANT: Shield ramp from weld spatter.



- 4
 - A. Cut two notches or cutouts 1- $\frac{1}{4}$ " wide as indicated in rear apron for ramp hooks.
 - B. Notches should be spaced, center to center, as follows:
2,400 series ramps, 20- $\frac{3}{4}$ ";
2,600 series, 23";
3,200 series, 28- $\frac{5}{8}$ ".

- 5 **Final Check**
 1. Fully extend ramp, check anti-theft stop function.
 2. Check the fit of ramp hooks into cutouts on rear apron (see step 4 for dimensions).
 3. Return ramp to latch position. If latch adjustment is required, loosen latch assembly on track members and reposition using slotted holes, re-tighten securely.
 4. Attach the "Operating Instructions" label to a clean and prominent location on the back of the truck.

Note: Ramps not made for powered equipment or pallet jack use. Recommended for hand truck use only.

RAMP LENGTH GUIDE

DOCK OR TRUCK BED HEIGHT <i>in Inches</i>	RAMP LENGTH SHOWN IN FEET AND INCHES							
	6' (72")	7' (84")	8' (96")	9' (108")	10' (120")	12' (144")	14' (168")	16' (192")
20" (1.6')	16.5°	14.0°	12.0°	10.5°	9.5°	7.5°	6.5°	5.5°
22" (1.8')	17.5°	15.0°	13.5°	11.5°	10.5°	9.0°	7.5°	6.5°
24" (2')	19.5°	16.5°	14.5°	13.0°	11.5°	9.5°	8.0°	7.5°
26" (2.2')	21.5°	18.0°	15.5°	14.0°	12.5°	10.5°	9.0°	8.0°
28" (2.3')	22.5°	19.5°	17.0°	15.0°	13.5°	11.0°	9.5°	8.5°
30" (2.5')			18.0°	16.0°	14.5°	12.0°	10.5°	9.0°
32" (2.7')			19.5°	17.0°	15.5°	13.0°	11.0°	9.5°
34" (2.8')				18.5°	16.5°	13.5°	11.5°	10.0°
36" (3')				19.5°	17.5°	14.5°	12.5°	11.0°
38" (3.2')					18.5°	15.5°	13.0°	11.5°
40" (3.3')					19.5°	16.0°	14.0°	12.0°
42" (3.5')						17.0°	14.5°	12.5°
44" (3.7')						18.0°	15.0°	13.5°
46" (3.8')						18.5°	16.0°	14.0°
48" (4')						19.5°	16.5°	14.5°
50" (4.2')							17.5°	15.0°
52" (4.3')							18.0°	15.5°
54" (4.5')							18.5°	16.5°
56" (4.7')							19.5°	17.0°
58" (4.8')							20.0°	17.5°
60" (5')								18.5°

HOW WE INNOVATE

ENGINEERING:

- 3-D Solid modeling with advanced structural analysis (FEA) capability
- DFMA (design for manufacturing and assembly)
- FMEA (failure mode effect analysis)
- DVP (design validation plans) implemented with internal and external testing resources ranging from material analysis laboratories, automotive industry test for hire facilities, and universities

INNOVATION:

- 90+ patents and pending patent applications
- Innovated the original ergonomic light-weight hand truck and convertible hand truck

NEW PRODUCT DEVELOPMENT:

- Utilize internal staged gate approach
- Extensive market research (domestically and internationally)

OPERATIONS:

- Solid supply chain partnerships to ensure consistent, economical products
- Lean management principles

QUALITY:

- PPAP (production part approval process)
- Process work instructions
- Quality assurance measurement laboratory

THE PROCESS

The Innovation Process

Screens ideas from multiple sources, quantitatively rates the ideas to a set of consistent criteria, and categorizes them for possible placement on a product roadmap.

Investigation Stage

An iterative approach evaluating the potential market and multiple concepts developed during this stage.

Development Stage

During this stage, New Product Development and Manufacturing Engineers perform detailed engineering design in collaboration with Manufacturing. Sales and Marketing prepare detailed sales launch plans.

Execution Stage

Manufacturing Engineers and Manufacturing take detailed design and prepare for production in this stage. Sales and Marketing finalize the sales launch plans.

Launch Stage

Sales and Marketing plan is executed during this stage. The plan is adjusted as necessary to meet the established goals and metrics.

Measure Stage

During this stage, Sales and Marketing monitors and measures product performance in market place and adjusts product roadmap accordingly.

1947



2017



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