



RAMPMASTER

A DIVISION OF THOR-WELD INDUSTRIES INC.



P R O D U C T  C A T A L O G

WELCOME TO RAMPMASTER

Thor-Weld Industries was incorporated in 1972. In the early years our core business was steel and aluminum fabrication. After fifteen years of business an industrial caster company was purchased. The company then separated into two divisions, Rampmaster and Thorcasters.

The caster division did a combination of both manufacturing from raw material and importing caster parts. The second division, Rampmaster, concentrated on the manufacturing of ramps both steel and aluminum.

MISSION STATEMENT

Our entire Rampmaster team is dedicated to understanding our industry. We work together to offer high quality products. We work together to offer exceptional service. We work together to keep our prices competitive. If our dealers are successful, we have succeeded.

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Mobile Yard Ramp

The superstructure of all Rampmaster's Mobile Yardramps is of high tensile aluminum, extruded aluminum section with channel cross bearers, aluminum treadplate lead on and lead off sections. Serrated open grating on main deck in you choice of **aluminum** or **steel**.



SWIVEL HEAD TOWING CLAMP for moving the ramp utilizing end of fork of a fork lift truck and tightening clamp screw.



HYDRAULIC HAND PUMP is located on the side of ramp. It raises the top of ramp from 38" to 61"



UNDERSTRUCTURE consists of a rigid double channel box section aluminum frame carrying six wheels and is hydraulically lifted.



IN THIS PICTURE a 30ft Mobile Yardramp is attached to a 10ft x 10ft steel platform making unloading of the railcar easier. The platform is also manufactured by Rampmaster and is a quoted item.

MOBILE YARD RAMPS

Rampmaster's light weight Aluminum Mobile Yardramp permits the loading and unloading of trailers and railcars, with a propane operated fork lift, in areas where normal docking facilities are not available. The yardramp can be easily moved on either pneumatic or solid cushion tires. Yardramp capacities range from 11,000 to 24,000 lbs; the standard operating width is 63" or 74". A railcar platform is recommended for use with railcars.

FEATURES

HYDRAULIC HAND PUMP

Used to raise the front end of the ramp from 38" to 61". The pump is on the side behind a hinged door, with a pocket for storing the handle, and an easily accessible release valve

SWIVEL HEAD TOWING CLAMP

For moving the ramp by inserting a fork lift blade.

ROUNDED CURBS

To save wear on fork lift tires.

SERRATED OPEN GRATING

For positive traction in all weather.

ALUMINUM TREADPLATE LEAD ON SECTION

The lead on section is 3 feet long and either 63 or 74 inches wide depending on model constructed of 1/2 inch 6061 T-6 aluminum.

TWO 8' SAFETY CHAINS

One on either side of the top end, to secure the ramp to the vehicle or dock while in use.

PNEUMATIC OR SOLID CUSHION TIRES

Each yardramp either has 6 pneumatic tires or 4 solid cushion tires.

SPECIFICATIONS

ALUMINUM SUPERSTRUCTURE & GRATING					
MODEL	LOAD CAP. LBS	WIDTH INSIDE	INCHES OUTSIDE	LENGTH FEET	WEIGHT
AMY-A-11-63-36L	11,000	63	73	36	2,840
AMY-A-11-74-36L	11,000	74	84	36	3,072
AMY-A-16-63-30	16,000	63	73	30	2,590
AMY-A-16-63-36L	16,000	63	73	36	2,960
AMY-A-16-74-36L	16,000	74	84	36	3,192
AMY-A-20-63-30	20,000	63	73	30	2,730
AMY-A-20-63-36L	20,000	63	73	36	3,195
AMY-A-20-74-36L	20,000	74	84	36	3,427
AMY-A-24-63-36L	24,000	63	73	36	3,390
AMY-A-24-74-36L	24,000	74	84	36	3,622

ALUMINUM SUPERSTRUCTURE & STEEL GRATING					
MODEL	LOAD CAP. LBS	WIDTH INSIDE	INCHES OUTSIDE	LENGTH FEET	WEIGHT
AMY-S-11-63-36L	11,000	63	73	36	3,690
AMY-S-11-74-36L	11,000	74	84	36	4,104
AMY-S-16-63-30	16,000	63	73	30	3,290
AMY-S-16-63-36L	16,000	63	73	36	3,810
AMY-S-16-74-36L	16,000	74	84	36	4,224
AMY-S-20-63-30	20,000	63	73	30	3,430
AMY-S-20-63-36L	20,000	63	73	36	4,075
AMY-S-20-74-36L	20,000	74	84	36	4,489
AMY-S-24-63-36L	24,000	63	73	36	4,260
AMY-S-24-74-36L	24,000	74	84	36	4,674

STATIONARY STEEL YARD RAMPS

Rampmaster's Stationary Steel Yard Ramp will eliminate those difficult and time consuming shipping and receiving problems. Ideal for those companies that do not have docking facilities or just need additional space. Easy to install, they can be moved to another location when necessary.

Ramps are available in various lengths, widths, and capacities. The lead-on section of the ramp is steel treadplate, the main deck is all-weather open serrated steel grating. All ramps are custom made to your specifications with all surfaces painted to reduce rust and to give your ramp a pleasant appearance.



THE STATIONARY STEEL YARDRAMP comes with a six foot level off section allowing a forklift to level out before entering the truck and picking up the pallet.

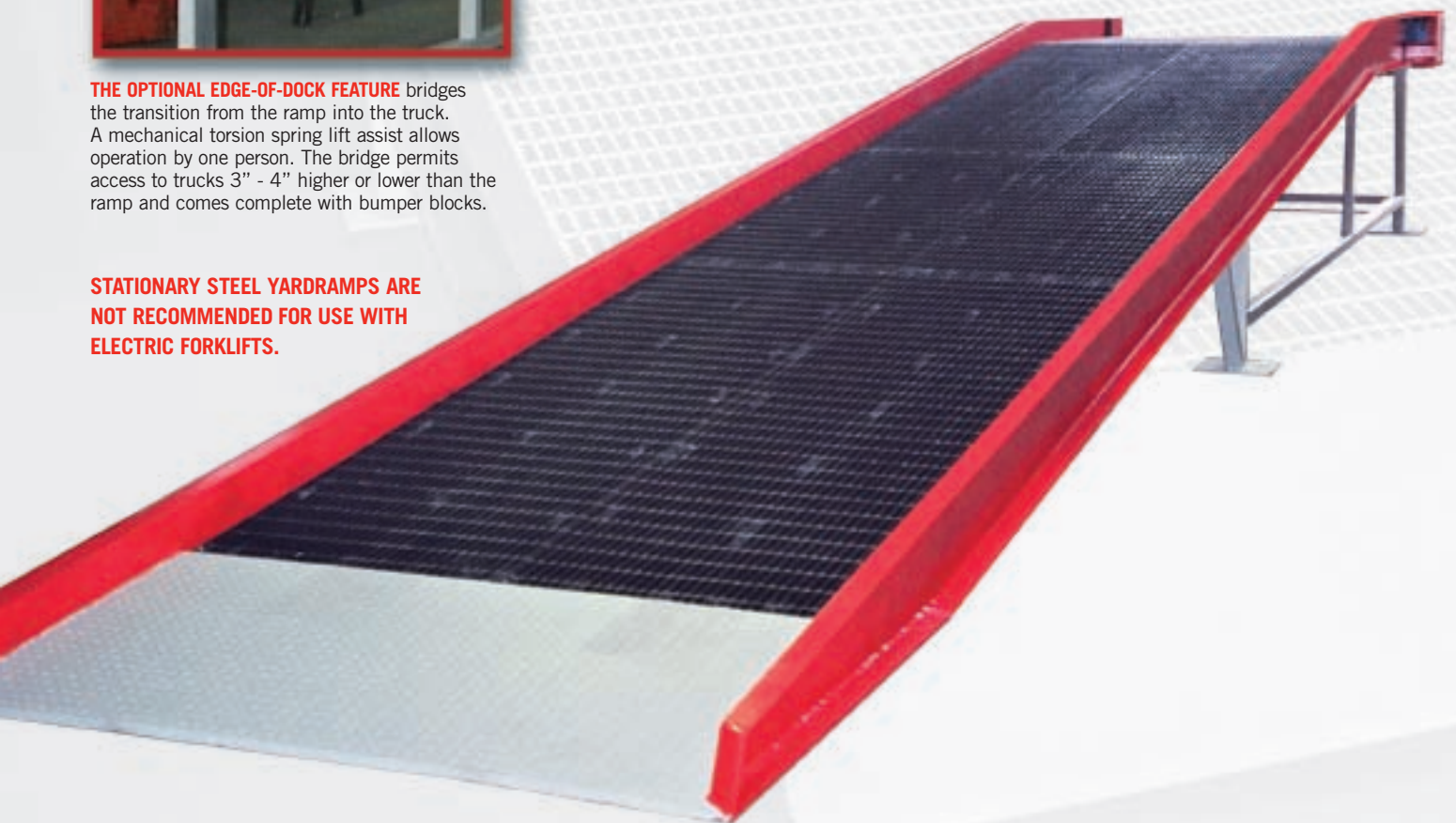


PICTURED ABOVE is the edge of dock in the down position and the six foot the level off section enabling a forklift to enter a truck with the forks parallel to the floor.



THE OPTIONAL EDGE-OF-DOCK FEATURE bridges the transition from the ramp into the truck. A mechanical torsion spring lift assist allows operation by one person. The bridge permits access to trucks 3" - 4" higher or lower than the ramp and comes complete with bumper blocks.

STATIONARY STEEL YARDRAMPS ARE NOT RECOMMENDED FOR USE WITH ELECTRIC FORKLIFTS.



STATIONARY STEEL RAMP

Rampmaster's stationary steel ramp allows the customer to convert one or more receiving doors to a "drive in style" door. The customer now has an option of bringing forklifts down to ground level or bringing vehicles into the warehouse. This style ramp also avoids the construction costs of digging, the placement of concrete foundations, and is worry free regarding drainage around the building.

Rampmaster's standard ramp is 30 feet long, this works with a normal dock height of 48 inches. The purpose of the ramp being 30 feet is so that it will have about a 12.9 % grade or be about 7.4 degrees this angle will make it easy for a forklift with a load to make the grade. The width of a ramp may vary but usually depends on application.

All ramps have a two inch thick steel serrated deck. The ramp comes fully painted. The lead on section and the apron at the top of the ramp are made from steel treadplate. All ramps are made to order and can include delivery and installation within the greater Toronto area.



PICTURED ABOVE model SSR12-96-30 – 12000 lb capacity, 96 inches wide and 30 feet long.



A PAIR OF Rampmaster ramps with a normal door in between.



PICTURE SHOWING apron at top of ramp with 8.5 degree bend.

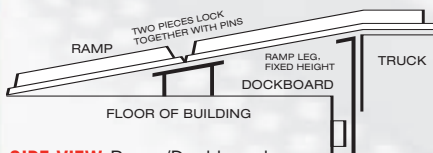
**STATIONARY STEEL RAMP
RAMPMASTER ARE NOT
RECOMMENDED FOR USE
WITH ELECTRIC FORKLIFTS.**

DOCKBOARDS

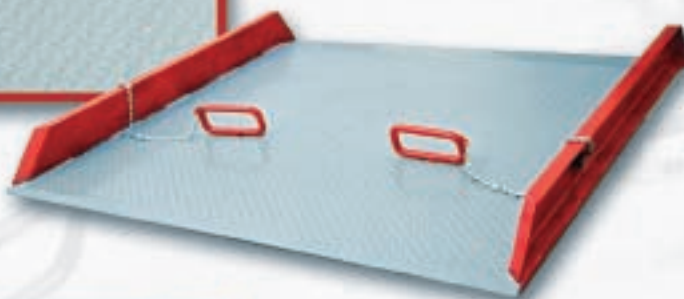
Our complete range of tough, lightweight aluminum & steel truck and rail dockboards are fully engineered to meet all of your needs. Capacities on standard sizes up to 24,000 lbs., most aluminum models are available within a few days. Custom sizes, width in excess of 72", and capacities over 24,000 lbs. are available upon request.



FORKLIFT HANDLES
Optional – Originated by Rampmaster, removable handles. Recommended for boards over 150 lbs.



SIDE VIEW Ramp/Dockboard combination. For use where height differences exceed 11".



RAIL DOCKBOARD fixed span provides quick and safe access between dock and railcar as well as between railcars

ADJUSTABLE SPAN LOCKS Optional – This feature permits use of the same dockboard on truck dock and rail dock. Easy adjustment for various spans.

SAMPLE RAMP SIZES				
Model	W x L	Height Differential	Axle Load Capacity (lbs)	Weight (lbs)
R8-6036	60 x 36	6	8000	136
R8-6048	60 x 48	8	8000	190
R14-6060	60 x 60	10	14,000	269
R14-7272	72 x 72	12	14,000	367

For height differences exceeding 11", use a ramp in combination with a Dockboard - Aluminum or steel.

ULTRA-LIGHT DOCKBOARD						
Model	Width	Length	Overall Width	Height Differential	Load Capacity (lbs)	Weight (lbs)
ULDB 4836	48	36	51"	5	2000	61
ULDB 4848	48	48	51"	7	2000	80
ULDB 4860	48	60	51"	9	2000	98
ULDB 4872	48	72	51"	11	2000	118
ULDB 4884	48	84	51"	13	2000	137

For non-powered equipment - 2000 lbs Max. Load

SPECIFICATIONS

ALUMINUM DOCKBOARD SPECS					
Model	Width Inside Curb	Width	Length	Height Differential	Weight (lbs)
<i>Axle Capacity 8,000 LBS:</i>					
8-5448	50	54	48	7	686
8-6036	57	60	36	5	115
8-6048	56	60	48	7	160
8-6060	56	60	60	9	201
8-6072	56	60	72	11	251
8-6084	56	60	84	13	299
8-6648	62	66	48	7	173
8-7230	69	72	30	4	110
8-7248	68	72	48	7	181
8-7260	68	72	60	9	227
<i>Axle Capacity 14,000 LBS:</i>					
14-5448	50	54	48	7	176
14-6036	56	60	36	5	143
14-6048	56	60	48	7	190
14-6060	56	60	60	9	249
14-6072	56	60	72	11	313
14-6084	56	60	84	13	373
14-6648	62	66	48	7	204
14-7236	69	72	36	5	158
14-7248	68	72	48	7	217
14-7260	68	72	60	9	283
14-7272*	68	72	72	11	
14-7284*	68	72	84	13	

*Steel Only

STEEL DOCKBOARD SPECS					
Model	Width Inside Curb	Width	Length	Height Differential	Weight (lbs)
<i>Axle Capacity 8,000-14,000 LBS:</i>					
14-6036S	56	60	36	5	298
14-6048S	56	60	48	7	396
14-6060S	56	60	60	9	520
14-6072S	56	60	72	11	606
14-6084S	56	60	84	13	699
14-7236S	68	72	36	5	350
14-7248S	68	72	48	7	465
14-7260S	68	72	60	9	591
14-7272S	68	72	72	11	736
14-7284S	68	72	84	13	862
14-8436S	80	84	36	5	402
14-8448S	80	84	48	7	544
14-8460S	80	84	60	9	691
14-8472S	80	84	72	11	848
<i>Axle Capacity 15,000-18,000 LBS:</i>					
18-6036S	56	60	36	5	358
18-6048S	56	60	48	7	495
18-6060S	56	60	60	9	615
18-6072S	56	60	72	11	794
18-7236S	68	72	36	5	439
18-7248S	68	72	48	7	595
18-7260S	68	72	60	9	760
18-7272S	68	72	72	11	904
<i>Axle Capacity 20,000-24,000 LBS:</i>					
24-7236S	68	72	36	5	540
24-7248S	68	72	48	7	714
24-7260S	68	72	60	9	915
24-7272S	68	72	72	11	1095
24-8436S	80	84	36	5	614
24-8448S	80	84	48	7	840
24-8460S	80	84	60	9	1041
24-8472S	80	84	72	11	1268
24-9636S	92	96	36	5	760
24-9648S	92	96	48	7	1014
24-9660S	92	96	60	9	1242

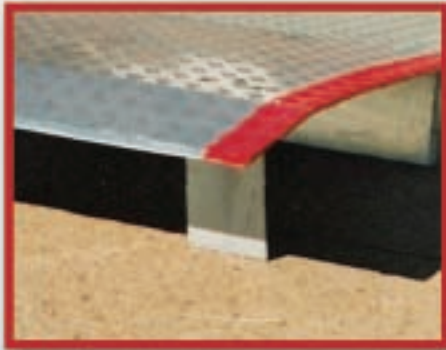
Ramp-Dockboard combinations also available for extreme height differentials.

DOCKPLATES

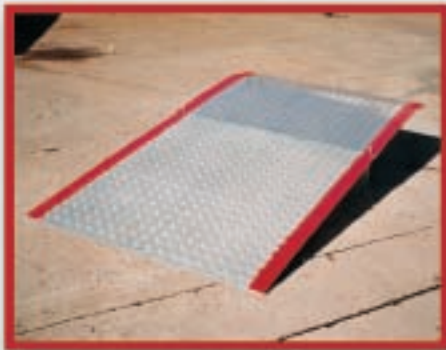
3 Steps to engineer your dockplate

1. Compute height differentials
2. Select dockplate width
3. Determine maximum axle load

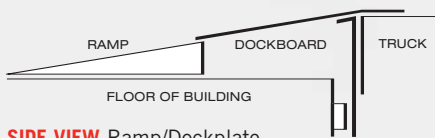
Fully engineered for today's busy shipping dock where safe, dependable and fast loading is required. This complete line of high tensile aluminum & steel plates are available in standard capacities from 450 to 19,000 lbs. All plates are crowned, beveled and fabricated with safety tread and locking legs for maximum safety to personnel and equipment during loading operation. Higher capacities are available in steel.



AT MAXIMUM HEIGHT of dockplate, legs will always be two inches below dock height.



TYPICAL DOCKPLATE - MODEL 3648 (1700 LB CAPACITY) NOTE: With dockboards and dockplates, width is followed by length (above example: 36" wide by 48" long).



SIDE VIEW Ramp/Dockplate combination. For use where height differences exceed 11".

SPECIFICATIONS

ALUMINUM DOCKPLATE SPECS					
Model	Axle Load Capacity LBS	Width	Length	Height Differential	Total Weight
L3648	750	36	48	7	53
3648	1,700	36	48	7	71
H3648	3,000	36	48	7	97
L4248	875	42	48	7	60
4248	2,000	42	48	7	82
H4248	3,500	42	48	7	110
L4824	2,000	48	24	3	36
4824	4,500	48	24	3	48
L4830	1,600	48	30	4	44
4830	3,600	48	30	4	60
L4836	1,350	48	36	5	52
4836	3,000	48	36	5	70
H4836	5,400	48	36	5	94
L4842	1,150	48	42	6	60
4842	2,600	48	42	6	82
H4842	4,600	48	42	6	110
L4848	1,000	48	48	7	67
4848	2,250	48	48	7	92
H4848	4,000	48	48	7	124
L4860	650	48	60	9	83
4860	1,500	48	60	9	114
H4860	2,700	48	60	9	155
L4872	450	48	72	11	100
4872	1,100	48	72	11	136
H4872	2,000	48	72	11	184
L6024	2,400	60	24	3	43
6024	5,600	60	24	3	59
H6024	10,000	60	24	3	79
6036	3,750	60	36	5	86
H6036	6,700	60	36	5	114
L6048	1,200	60	48	7	83
6048	2,800	60	48	7	113
H6048	5,000	60	48	7	151
6060	2,250	60	60	9	140
7224	6,700	72	24	3	76
H7224	12,000	72	24	3	94
H7236	8,000	72	36	5	135
L7248	1,400	72	48	7	97
H7248	6,000	72	48	7	178

STEEL DOCKPLATE SPECS					
Model	Axle Load Capacity LBS	Width	Length	Height Differential	Total Weight
H6036S	10,500	60	36	5	349
XH6048S	9,750	60	48	7	559
H7224S	18,750	72	24	3	279
H7236S	12,500	72	36	5	411
XH7236S	19,500	72	36	5	501
H7248S	9,400	72	48	7	545
XH7248S	14,000	72	48	7	665
H8436S	11,000	84	36	5	478

SAMPLE RAMP SIZES				
Model	W x L	Height Differential	Axle Load Capacity (lbs)	Weight (lbs)
R4836	48 x 36	6"	2000	57
RH4836	48 x 36	6"	8000	83
R4848	48 x 48	8"	2000	76
RH4848	48 x 48	8"	8000	108
R4860	48 x 60	10"	2000	96
RH4860	48 x 60	10"	8000	134
R6048	60 x 48	8"	2000	112

WHEELRISER

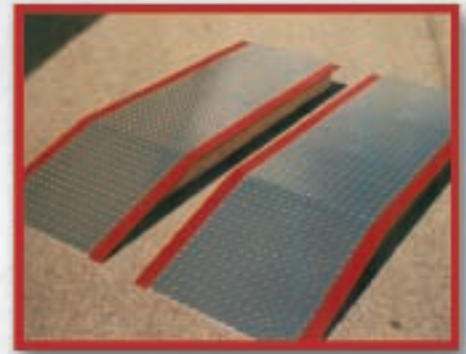
Rampmaster's all aluminum, light weight wheel risers are available in standard heights of 6", 8", 10", and 12", with widths of 18", 24", or 30". There is also a selection of deck lengths. Capacity is 24,000 lbs. per pair. Allowing trailers to be positioned properly above a dock, wheelrisers are essential for more efficient loading. With multiple width, length and custom sizes available, they can accommodate single, dual, or tandem axle trailers. Wheelrisers can be portable or permanently positioned.

SPECIFICATIONS

WHEEL RISER					
Model	Weight	Height	O/A	Length Angled	Deck
<i>18" Wide</i>					
WR-1845-6	51	6	45	21	24
WR-1852-8	61	8	52	28	24
WR-1859-10	75	10	59	35	24
WR-1866-12	90	12	66	42	24
<i>24" Wide</i>					
WR-2445-6	62	6	45	21	24
WR-2452-8	75	8	52	28	24
WR-2459-10	89	10	59	35	24
WR-2466-12	105	12	66	42	24
WR-2469-6	86	6	69	21	48
WR-2476-8	103	8	76	28	48
WR-2483-10	118	10	83	35	48
WR-2490-12	137	12	90	42	48
WR-2481-6	99	6	81	21	60
WR-2488-8	116	8	88	28	60
WR-2495-10	133	10	95	35	60
WR-24102-12	151	12	102	42	60
WR-2493-6	116	6	93	21	72
WR-24100-8	134	8	100	28	72
WR-24107-10	153	10	107	35	72
WR-24114-12	172	12	114	42	72
<i>30" Wide</i>					
WR-3081-6	121	6	81	21	60
WR-3088-8	140	8	88	28	60
WR-3095-10	160	10	95	35	60
WR-30102-12	180	12	102	42	60
WR-3093-6	142	6	93	21	72
WR-30100-8	161	8	100	28	72
WR-30107-10	182	10	107	35	72
WR-30114-12	205	12	114	42	72
WR-30105-6	156	6	105	21	84
WR-30112-8	178	8	112	28	84
WR-30119-10	201	10	119	35	84
WR-30126-12	224	12	126	42	84

LIGHT CAR & TRUCK/VEHICLE RAMPS

Rampmaster's portable ramps are made of high tensile lightweight aluminum treadplate surface for improved traction. Includes a 6" apron for attachment to any building or truck. Vehicle ramps are available in various lengths and capacities. Cars with lower under-clearance will require longer ramps. Please call for more information before ordering.



STANDARD 24,000lb capacity for all aluminum risers.

STEEL TREADPLATE WHEELRISERS CAN ALSO BE BUILT IN THE SAME SIZES AS ALUMINUM HIGHER CAPACITIES CAN ALSO BE ACHIEVED, PLEASE CALL TO OBTAIN A QUOTE.



SPECIAL CUSTOM wheelrisers made from our two inch thick steel serrated decking and a steel channel frame.



3" CURB ON OUTSIDE EDGE. No inside curb reduces the chance of a hangup.

WALKRAMPS



SAMPLE of ULWR ramp featuring the expanded metal aluminum deck.



UNDERSIDE OF WKR-EX style ramp and the cross piece made from 2 x 2 aluminum angle.



STANDARD WKR-EX style ramp with standard aluminum treadplate.



PLEASE NOTE: Ramps are made wide enough for the driver to exit the truck on the level section of the ramp.

Rampmaster manufactures four different models of all-aluminum walkramps. **1. Model WKR** – A formed walkramp with reinforced curbs. **2. Model WKR-EX** – A ramp made with side curbs that are made from our own private die. The aluminum is extruded and the shape and thickness give this ramp its unique appearance & added strength. **3. Model ULWR** – Our ultra-light walkramp, it is made with our extruded curb and expanded metal deck. They are lighter, but capacities are lower. **4. Model WKR-HD** – A custom ramp made from heavy duty channel with a treadplate surface.

SPECIFICATIONS

FORMED WALKRAMP - TREADPLATE SURFACE					
Model	Width Usable & O/A	Length	Max. Height @ 20 deg.	Capacity (lbs)	Weight (lbs)
WKR 27-06	27" / 32"	6'	21"	1250	35
WKR 30-06	30" / 35"	6'	21"	1250	38
WKR 27-08	27" / 32"	8'	29"	950	54
WKR 30-08	30" / 35"	8'	29"	950	58
WKR 27-10	27" / 32"	10'	38"	750	68
WKR 30-10	30" / 35"	10'	38"	750	73
WKR 27-12	27" / 32"	12'	46"	600	81
WKR 30-12	30" / 35"	12'	46"	600	87
NEW EXTRUDED SIDECURB/TREADPLATE SURFACE					
Model	Width Usable & O/A	Length	Max. Height @ 20 deg.	Capacity (lbs)	Weight (lbs)
WKR-EX-12-24-8	24" / 27"	8'	29"	1200	63
WKR-EX-12-30-8	30" / 33"	8'	29"	1200	72
WKR-EX-12-36-8	36" / 39"	8'	29"	1200	80
WKR-EX-12-24-10	24" / 27"	10'	38"	1200	79
WKR-EX-12-30-10	30" / 33"	10'	38"	1200	89
WKR-EX-12-36-10	36" / 39"	10'	38"	1200	105
WKR-EX-12-24-12	24" / 27"	12'	46"	1200	95
WKR-EX-12-30-12	30" / 33"	12'	46"	1200	107
WKR-EX-12-36-12	36" / 39"	12'	46"	1200	125
WKR-EX-12-24-14	24" / 27"	14'	55"	1200	110
WKR-EX-12-30-14	30" / 33"	14'	55"	1200	125
WKR-EX-12-30-14	36" / 39"	14'	55"	1200	148
ULTRA-LIGHT EXPANDED GRATE SURFACE					
Model	Width Usable & O/A	Length	Max. Height @ 20 deg.	Capacity (lbs)	Weight (lbs)
ULWR-24-8	24" / 27"	8'	29"	600	61
ULWR-24-10	24" / 27"	10'	38"	600	76
ULWR-24-12	24" / 27"	12'	46"	600	91
ULWR-24-14	24" / 27"	14'	55"	600	106

STEEL RAMP DECK COMBO

Rampmaster's model S.R.D.C. is used when the application is to bring the truck higher off the ground in order to make loading or unloading easier. This is a quoted item as sizes and heights vary.

WHEELCHAIR RAMPS

Rampmaster's line of lightweight aluminum wheelchair and scooter ramps are hinge-folded for ease of transportation. Take them with you to visit friends, go shopping or go on vacation.

Most ramps are rated for 350 lbs. per pair, good for normal applications including the weight of manual wheelchairs. For custom applications please call.

SPECIFICATIONS

LIGHTWEIGHT – 6" WIDE						
Model	Length		Max. Suggested Rise Steps	Suggested Rise Inches	Weight (pair)	Capacity
	Overall	Folded				
AFR-6	6'	3'	2-3	18	24 lbs.	350 lbs.
AFR-8	8'	4'	3-4	27	29 lbs.	350 lbs.
AFR-10	10'	5'	4-5	36	48 lbs.	350 lbs.

LIGHTWEIGHT – 8" WIDE						
Model	Length		Max. Suggested Rise Steps	Suggested Rise Inches	Weight (pair)	Capacity
	Overall	Folded				
AFR-6W	6'	3'	2-3	18	27 lbs.	350 lbs.
AFR-8W	8'	4'	3-4	27	33 lbs.	350 lbs.
AFR-10W	10'	5'	4-5	36	56 lbs.	350 lbs.

HEAVY DUTY – 8" WIDE (MADE TO ORDER ONLY)						
Model	Length		Max. Suggested Rise Steps	Suggested Rise Inches	Weight (pair)	Capacity
	Overall	Folded				
AFR-6W-HD	6'	3'	2-3	18	32 lbs.	450 lbs.
AFR-8W-HD	8'	4'	3-4	27	44 lbs.	450 lbs.

EXTRA HEAVY DUTY – 8" WIDE (MADE TO ORDER ONLY)						
Model	Length		Max. Suggested Rise Steps	Suggested Rise Inches	Weight (pair)	Capacity
	Overall	Folded				
AFR-6W-EXHD	6'	3'	2-3	18	43 lbs.	575 lbs.
AFR-8W-EXHD	8'	4'	3-4	27	56 lbs.	575 lbs.



10' FOLDING WHEELCHAIR RAMP Made from smooth aluminum with special 3M surface for grip.



SPECIAL WHEELCHAIR RAMP folds length ways. Good for scooters.



OUR STANDARD aluminum folding ramp - 6ft, 8ft and 10ft long extended.

CUSTOM FABRICATION

Do you need an item custom fabricated for your specific application? Rampmaster has full fabrication facilities and will work with you from your drawings and concepts to finished product. From crossover bridges and platform trucks to forklift extensions and carts, we can build them all. Call for quotes on custom items.



SPECIAL FORKLIFT EXTENSION



RAMPING FOR WHEELCHAIR ACCESS TO STAGE



STEEL PLATFORM