



Roll-A-Ramp® Modular Ramp System

Modular Ramp—create the perfect system



**Permanent ramps are expensive—cannot be moved—and need a building permit
Get Roll-A-Ramp® and decide when and where you want to use it!**



- ROLLS UP** For Easy Handling & Convenient Storage
- PORTABLE** Easily Divides Into Lightweight Sections
- ANY LENGTH** Easily Add Or Remove Links To Adjust Length
- 1,000 LB CAPACITY** Made Of Lightweight Aircraft Aluminum
- 6 WIDTHS AVAILABLE** Portable At Any Length



Roll-A-Ramp® Modular Ramp System™

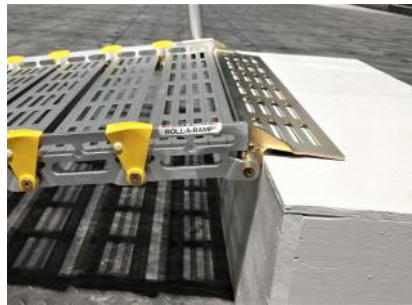
6 Steps to creating your ramp

- 1) Choose ramp Width (30" or 36")
- 2) Evaluate the correct ramp Length depending on rise and situation
- 3) Measure rise to help determine correct Stand size (Stands are included with ramps 11 feet and longer)
- 4) Decide if you need Handrails— one side or both sides, sections or continuous, straight ended or looped
- 5) Determine if Platform should be added for turns or limited space
- 6) Select the Configuration

Included in Modular System



Roll-A-Ramp®



Upper Load Bearing Plate



Stands for all ramp 11'+



Handrails if ordered
1 side or both
Looped end or straight



Platform if ordered



Quick Connect pins
for all ramps 7'+



To order or for assistance contact Roll-A-Ramp®

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Roll-A-Ramp® Modular Ramp System™

Step 1: Choose Ramp Width

4 Widths Available

26"

30" fits most chairs/scooters, option for ramp that will be moved often

36" preferable for power chairs

48"

Factors to consider in determining the correct width

- Measure the wheel base of wheelchair or scooter
- ADA is 36" (California 48") for stationary installs
- Usable width is 3/4 inch less than outside measurement
- The upper load bearing plate is 6" and will set on the top level with a rubber underside which keeps it secure and protect surface
- Roll-A-Ramp® can easily be divided into smaller sections that are lighter and easier to store



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Step 2: Evaluate the correct ramp length

1. Determine Use

A) Public Use: ADA Compliant

1:12 slope—1 foot of ramp for each 1 inch of rise

Example: 24" vertical rise = 24' ramp length

B) Home Use: Walking, Manual Wheelchairs Power Wheelchairs, and Scooters

Slope Angle: 7° Length Calculation: Vertical rise divided by 1.5

Example: 24" vertical rise divided by 1.5 = 16' ramp

1. Best for individuals with limited walking ability
2. A smaller person helping a larger person in the wheelchair
3. Independent wheelchair user
4. Power wheelchairs and scooters

C) Home Use: Walking, Assisting a Manual Wheelchair, Power Wheelchairs, and Scooters

Slope Angle: 10 Degrees 10° Length Calculation: Vertical rise divided by 2

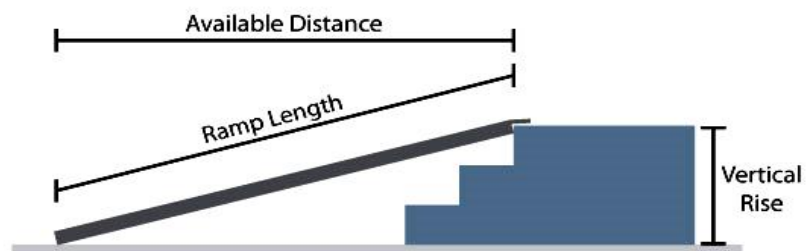
Example: 24': vertical rise divided by 2 = 12' ramp

1. Walking up the ramp (handrails recommended)
2. Able-bodied helper assisting a manual wheelchair user up the ramp
3. Most power wheelchairs and scooters





2. Determine Length

Use the Length Calculations listed above

Or use the Length Calculation Chart on the next page → → →



Roll-A-Ramp® Length Calculation Chart

ADA (4.8-Degree) 1:12 ratio	 RAMP LENGTH	7-Degree = Rise / 1.5	 RAMP LENGTH	10-Degree = Rise / 2	 RAMP LENGTH	12-Degree = Rise / 2.5	 RAMP LENGTH
RISE Distance (inches)	RISE Distance (inches)	RISE Distance (inches)	RISE Distance (inches)	RISE Distance (inches)	RISE Distance (inches)	RISE Distance (inches)	RISE Distance (inches)
7"	7 FT	7"	5 FT	7"	4 FT	7"	4 FT
8"	8 FT	8"	6 FT	8"	5 FT	8"	4 FT
9"	9 FT	9"	7 FT	9"	5 FT	9"	5 FT
10"	10 FT	10"	7 FT	10"	6 FT	10"	5 FT
11"	11 FT	11"	8 FT	11"	6 FT	11"	5 FT
12"	12 FT	12"	9 FT	12"	7 FT	12"	6 FT
13"	13 FT	13"	9 FT	13"	7 FT	13"	6 FT
14"	14 FT	14"	10 FT	14"	8 FT	14"	7 FT
15"	15 FT	15"	11 FT	15"	8 FT	15"	7 FT
16"	16 FT	16"	11 FT	16"	9 FT	16"	7 FT
17"	17 FT	17"	12 FT	17"	9 FT	17"	8 FT
18"	18 FT	18"	13 FT	18"	10 FT	18"	8 FT
19"	19 FT	19"	13 FT	19"	10 FT	19"	9 FT
20"	20 FT	20"	14 FT	20"	11 FT	20"	9 FT
21"	21 FT	21"	15 FT	21"	11 FT	21"	10 FT
22"	22 FT	22"	15 FT	22"	12 FT	22"	10 FT
23"	23 FT	23"	16 FT	23"	12 FT	23"	10 FT
24"	24 FT	24"	17 FT	24"	13 FT	24"	11 FT
25"	25 FT	25"	17 FT	25"	13 FT	25"	11 FT
26"	26 FT	26"	18 FT	26"	14 FT	26"	12 FT
27"	27 FT	27"	19 FT	27"	14 FT	27"	12 FT
28"	28 FT	28"	19 FT	28"	15 FT	28"	12 FT
29"	29 FT	29"	20 FT	29"	15 FT	29"	13 FT
30"	30 FT	30"	21 FT	30"	16 FT	30"	13 FT
31"	31 FT	31"	21 FT	31"	16 FT	31"	14 FT
32"	32 FT	32"	22 FT	32"	17 FT	32"	14 FT
33"	33 FT	33"	23 FT	33"	17 FT	33"	15 FT
34"	34 FT	34"	23 FT	34"	18 FT	34"	15 FT
35"	35 FT	35"	24 FT	35"	18 FT	35"	16 FT
36"	36 FT	36"	25 FT	36"	19 FT	36"	16 FT
Americans with Disabilities Act Compliance	Manual wheelchairs assisted & unassisted, walking	Manual wheelchairs assisted & power wheelchairs		Max recommended for power wheelchairs, or strong assistance w/ manual wheelchairs			
	Standard placement = top 12" of ramp is on upper surface.		Standard placement = top 6" of ramp is on upper surface.				

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Step 3: Measure rise to determine Stand size

Stands are included with Modular ramps 11 feet and longer

Provide stability and required for ramps 11 ft or longer

Position at center point, or at every 6—8 feet on longer ramps.

Adjustable & easy to install.

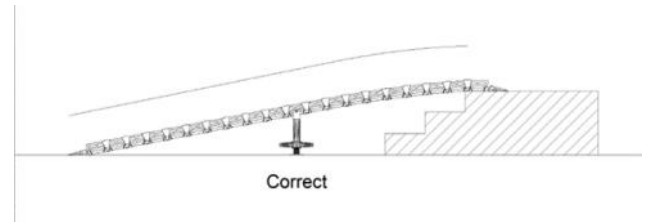
X Short 6.00" - 9.00" (15cm—23cm)

Short 10.00" - 13.50" (25,4cm—34,3cm)

Long 15.75" - 21.50" (40cm—54,6cm)

X Long 23.50" - 35.00" (59,7cm—90,2cm)

2X Long 35.50" - 52.75" (90,8—134cm)



After fixing the stand slightly move the spindle up and down until the ramp is straight.

Stand is secured with a T-Bolt, no tools required.

It should only be cambered or have a slight upward curve on top end of the ramp.

The rest of the ramp should appear as flat neither bowing up nor sagging down



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Step 4: Decide if you need Handrails

One Side or Both

Sections or Continuous

Handrail Sections Standard configuration unless Continuous is preferred. Consists of multiple shorter sections for easy portability. Handrail sections can be easily removed and stored without disassembling.



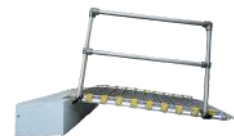
Continuous Rail Optional at no additional charge. Handrail extends from beginning to end with no gaps between sections. Handrail may need to be disassembled for transportation or storage.



**ADA-Compliant option—for stationary ramps for public use*

Straight Ends or Looped Ends

Straight End Handrail Handrail has a 90-degree end. The more economical option, offering the most efficient storage and portability.



Loop End Handrail The extension of the loops allows user to grip a loop while entering/exiting the ramp. Adds an extra layer of security.



**ADA-compliant style*



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Step 5: Determine if Platform should be added

When to use a Platform

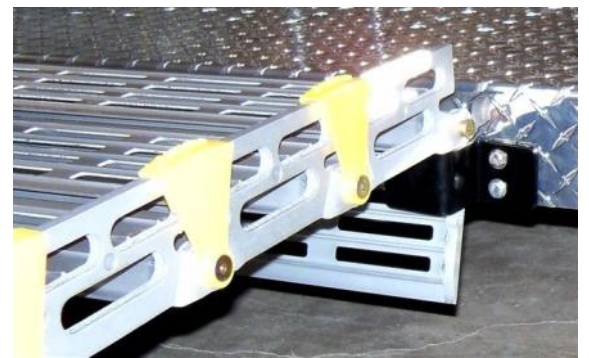
1. When a change of direction is needed due to space restrictions (see examples below)
2. As a resting point on a longer ramp—or personal preference

Choose a Platform size

4'x4' / 4'x5' / 5'x5' Aluminum Platform Kit

Included with Platform Kit

1. Aluminum platform base (4' x 4' / 4' x 5' / 5' x 5')
2. Handrail kits for 2 sides of platform
3. Adjustable legs *see page 14 for options
4. Mount brackets for rails, ramp and legs



Secure Ramp-to-Platform Connection:
Ramp may be lifted up for use elsewhere.

Choose a Platform height

Legs are adjustable and included in the Platform Kit

Short	10.00" - 13.25"
Long	15.75" - 21.50"
XL	23.50" - 35.00"
2X	35.50" - 53.00"

#PFR Platform Leg Reinforcement Kit
Required for a leg height of 30"+



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Weights and Measures

26" Width			
Length (feet)	Weight	Weight w/ LBAP	Rolled Diameter
3'	15 lbs.	20 lbs.	12"
4'	21 lbs.	26 lbs.	14"
5'	27 lbs.	32 lbs.	16"
6'	33 lbs.	38 lbs.	18"
7'	39 lbs.	44 lbs.	20"
8'	45 lbs.	50 lbs.	22"
9'	51 lbs.	56 lbs.	24"
10'	57 lbs.	62 lbs.	26"
11'	63 lbs.	68 lbs.	28"
12'	69 lbs.	74 lbs.	30"
13'	75 lbs.	80 lbs.	32"
14'	81 lbs.	86 lbs.	34"
15'	87 lbs.	92 lbs.	36"
16'	93 lbs.	98 lbs.	38"
17'	99 lbs.	104 lbs.	40"
18'	105 lbs.	110 lbs.	42"
19'	111 lbs.	116 lbs.	44"
20'	117 lbs.	112 lbs.	46"
Approx. 6 pounds / foot			

30" Width			
Length (feet)	Weight	Weight w/ LBAP	Rolled Diameter
3'	16 lbs.	23 lbs.	12"
4'	22 lbs.	29 lbs.	14"
5'	28 lbs.	35 lbs.	16"
6'	34 lbs.	41 lbs.	18"
7'	40 lbs.	47 lbs.	20"
8'	46 lbs.	53 lbs.	22"
9'	52 lbs.	59 lbs.	24"
10'	58 lbs.	65 lbs.	26"
11'	64 lbs.	71 lbs.	28"
12'	70 lbs.	77 lbs.	30"
13'	76 lbs.	83 lbs.	32"
14'	82 lbs.	89 lbs.	34"
15'	88 lbs.	95 lbs.	36"
16'	94 lbs.	101 lbs.	38"
17'	100 lbs.	107 lbs.	40"
18'	106 lbs.	113 lbs.	42"
19'	112 lbs.	119 lbs.	44"
20'	118 lbs.	125 lbs.	46"
Approx. 6 pounds / foot			

36" Width			
Length (feet)	Weight	Weight w/ LBAP	Rolled Diameter
3'	18 lbs.	25 lbs.	12"
4'	25 lbs.	32 lbs.	14"
5'	32 lbs.	39 lbs.	16"
6'	39 lbs.	46 lbs.	18"
7'	46 lbs.	53 lbs.	20"
8'	53 lbs.	60 lbs.	22"
9'	60 lbs.	67 lbs.	24"
10'	67 lbs.	74 lbs.	26"
11'	74 lbs.	81 lbs.	28"
12'	81 lbs.	88 lbs.	30"
13'	88 lbs.	95 lbs.	32"
14'	95 lbs.	102 lbs.	34"
15'	102 lbs.	109 lbs.	36"
16'	109 lbs.	116 lbs.	38"
17'	116 lbs.	123 lbs.	40"
18'	123 lbs.	130 lbs.	42"
19'	130 lbs.	137 lbs.	44"
20'	137 lbs.	144 lbs.	46"
Approx. 7 pounds / foot			

48" Width			
Length (feet)	Weight	Weight w/ LBAP	Rolled Diameter
3'	21 lbs.	31 lbs.	12"
4'	29 lbs.	39 lbs.	14"
5'	37 lbs.	47 lbs.	16"
6'	45 lbs.	55 lbs.	18"
7'	53 lbs.	63 lbs.	20"
8'	61 lbs.	74 lbs.	22"
9'	69 lbs.	79 lbs.	24"
10'	77 lbs.	87 lbs.	26"
11'	85 lbs.	95 lbs.	28"
12'	93 lbs.	103 lbs.	30"
13'	101 lbs.	111 lbs.	32"
14'	109 lbs.	119 lbs.	34"
15'	117 lbs.	127 lbs.	36"
16'	125 lbs.	135 lbs.	38"
17'	133 lbs.	143 lbs.	40"
18'	141 lbs.	151 lbs.	42"
19'	149 lbs.	159 lbs.	44"
20'	157 lbs.	167 lbs.	46"
Approx. 8 pounds / foot			

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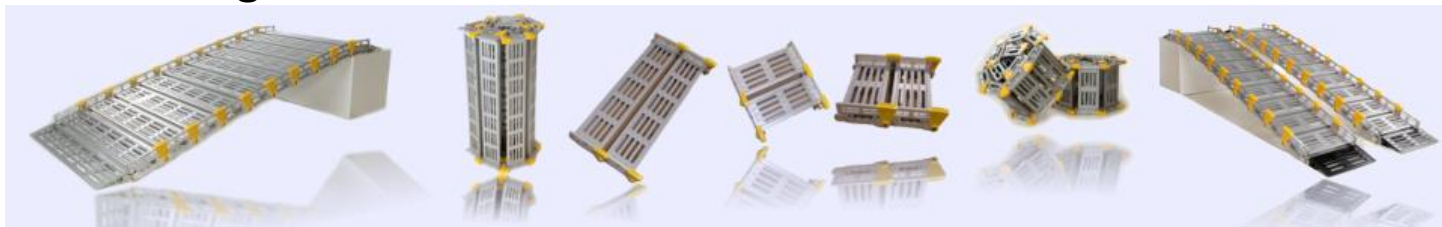
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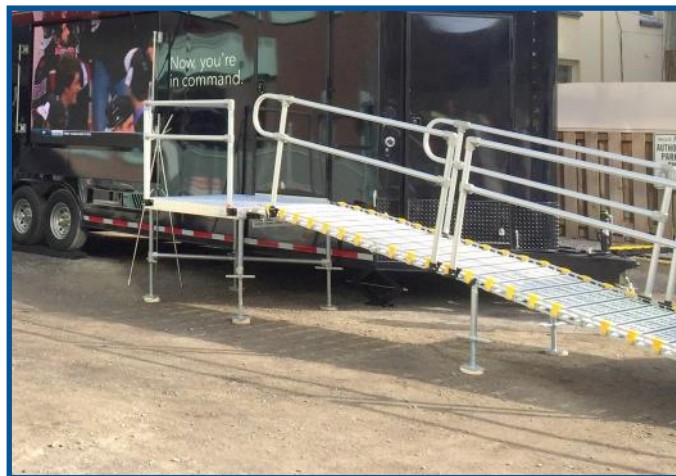
Roll-A-Ramp®

“Where Strength & Ultimate Flexibility Meet”

Providing access solutions to satisfied customers since 1999.



BOAT AND RV SYSTEMS ALSO AVAILABLE



Modular Ramp System Return Policy

- **20% Restocking Fee**
 - All returns must be processed within 90 days of purchase
 - Outbound shipping is not refunded
 - Customer responsible for ramp return (Contact Roll-A-Ramp® if assistance is needed)
- Refund issued upon return of items in acceptable condition.**



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