The graceful design and high security of the Rolling Rack has made this type of bike rack a standard for many schools and communities. The Rolling Rack can be used as a single-sided or double-sided bike rack. This rack uses thick pipe construction and allows for one of the wheels and frame to be secured using a U-style bike lock.

American Bicycle Security Company
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www.ameribike.com
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Rolling Rack

Product: Rolling Rack

Capacity: *Capacities are based on a double sided configuration. If racks are placed up against a wall you will lose half of the capacity.
- RR2H: 5 Bikes
- RR3H: 7 Bikes
- RR4H: 9 Bikes
- RR5H: 11 Bikes

Materials: 2.375” OD Schedule 40 pipe

Finishes: Standard options: Galvanized Or Powder Coated
- RAL 9005
- RAL 9003
- RAL 2004
- RAL 1023
- Bright Yellow
- RAL 6016
- RAL 6018
- RAL 6005
- RAL 5005
- RAL 5015
- Purple
- RAL 7011
- RAL 7042
- RAL 9007
- RAL 1001
- RAL 8014
- Bronze

Installation Methods:
- In ground mount is embedded into concrete base. Specify in ground mount for this option.
- Foot Mount has two 5.25” x 5.5” foot plates with 4 anchors per foot. Specify foot mount for this option.

Space Use & Setbacks:
- Wall Setbacks:
  - For racks set parallel to a wall:
    - Minimum: 36”
    - Recommended: 90”
  - For racks set perpendicular to a wall:
    - Minimum: 24”
    - Recommended: 36”
- Distance Between Racks:
  - Minimum: 24”
  - Recommended: 36”
- Street Setbacks:
  - Parallel to street: 24”
  - Perpendicular to street: 36”

Example of rack in use

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**Rolling Rack**

**Surface Mounted Installation**

*Tools Needed for Installation*

- Tape Measure
- Marker or Pencil
- Masonry Drill Bit
- Drill (*Hammer drill recommended*)
- Hammer
- Wrench 9/16”
- Level

**Recommended Base materials:**

Solid concrete is the best base material for installation. Ask your American Bicycle Security representative which anchor is appropriate for your application to ensure the proper anchors are shipped with your rack. Be sure nothing is underneath the base material that could be damaged by drilling.

**Installation:**

3/8” anchors are shipped with the rack. Place the rack in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material. Drill the holes in accordance with the specifications shipped with the anchors. Make sure the holes are at least 6” away from any cracks in the base material.

1. Mark holes
2. Drill holes 3” Deep
3. Use washers to level rack

*(Anchors will vary according to install surface)*

The concrete spike is a permanent anchor. The top of the wedge anchor can also be pounded sideways after installation so that it cannot be removed. Other tamper resistant fasteners are also available for purchase.

When using the special tamper resistant nuts, always set and first tighten the anchors. Once the rack is installed, replace two nuts from the bracket (opposite sides from each other) with the tamper resistant fastener. **DO NOT OVERTIGHTEN the tamper resistant nut.**

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In-Ground Mounted Installation

*Tools Needed for Installation
- Level
- Cement mixing tub
- Shovel
- Trowel
- Hole coring machine with 4” bit
- Access to water hose
- Materials to build brace

Installing into New Concrete

1. Final grade level
   Place corrosion resistant sleeve (min. 3” inside diameter) in sand pour bed in exact location where rack will be installed. Make sure top of sleeve is at same level as desired finished concrete surface. Fill sleeve with sand to keep it in place and prevent it from filling with concrete.

2. Poured concrete 4-7” deep
   Pour concrete & allow to cure.

3. After curing, dig out sand from sleeves & insert racks, making sure they are level & at the appropriate height.

4. Place racks in holes, making sure it is level.

Installing into Existing Concrete

1. Core holes no less than 3” diameter (4” recommended) & no less than 10” deep into surface.

2. Place rack into holes, making sure it is level.

3. Fill holes with epoxy grout. 32” of the bike rack should remain above surface.

4. Make sure rack is level & held in place until the grout has completely set.

*An easy way to brace the rack while the grout sets is to bolt two 1x4” boards together at one end and clamp them onto the legs of the rack like a clothes pin.

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