Simple Security

The Hoop Rack is a proven design that provides high security and easy bike parking. The Hoop Rack uses thick pipe construction and the full radius of the bend makes the Hoop an attractive and functional bike rack. This bike rack can also be put on rails for mobility and is popular in bike corrals.
YOUR LOGO HERE
Customize the Hoop Rack and brand your bike parking

FINISH OPTIONS
Galvanized  Stainless  PVC Dip

MOUNT OPTIONS
Surface  In-Ground  Rail

Optional Lean Bar

White  Black  Light Gray RAL 7042  Deep Red RAL 3003  Yellow RAL 1023
Chili Bright Yellow  Orange RAL 2004  Blue RAL 5005  Sky Blue RAL 5015  Hunter Green RAL 6005
Light Green RAL 6018  Green RAL 6016  Sepia Brown RAL 8014  Bronze  Silver 9007
Dark Purple  Flat Black  Wine Red RAL 3005  Beige RAL 1001  Iron Gray 7011

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HOOP RACK
Submittal Sheet

CAPACITY

2 Bikes

MATERIALS

☐ Standard

1.5" schedule 40 pipe (1.9" OD)

☐ Lightweight

*Powder coat or galvanized only, Surface mount only

1.5" schedule 10 pipe (1.9" OD)

FINISHES

☐ Galvanized

An after fabrication hot dipped galvanized finish is our standard option.

☐ Powder Coat

Our powder coat finish assures a high level of adhesion and durability by following these steps:
1. Sandblast
2. Epoxy primer electrostatically applied
3. Final thick TGIC polyester powder coat

☐ PVC Dip (plastisol)

Other colors available by special order (minimum orders apply)

☐ Stainless

Stainless Steel: 304 grade stainless steel material finished in either a high polished shine or a satin finish.

MOUNT OPTIONS

☐ In-ground

In ground mount is embedded into concrete base. Specify in ground mount for this option.

☐ Surface

Foot Mount has two 2.5"x6"x.25" feet with two anchors per foot. Specify foot mount for this option.

☐ Rail

Rail Mounted Racks are bolted to two parallel rails which can be left freestanding or anchored to the ground. Rails are heavy duty 3"x1.4"x3/16" thick galvanized mounting rails. Specify rail mount for this option.

Rack Angle: □ 90° □ 60°

OPTIONAL LEAN BAR

☐ Add Lean Bar
TOOLS NEEDED
Tape Measure
Marker or Pencil
Masonry Drill Bit
Drill (Hammer drill recommended)
Hammer
Wrench 9/16”
Level

RECOMMENDED BASE MATERIAL
Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your rack, ask your Dero Rack representative which anchor is appropriate for your application.
Be sure nothing is underneath the base material that could be damaged by drilling.

1
Place the rack in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material.

2
Drill 3/8” diameter holes 3” deep into surface. Make sure the holes are at least 3” away from any cracks in the base material.

3
Place rack (and washers to level rack if necessary) over holes.

4
Thread nuts onto anchors, leaving approximately 1/4” of the anchor protruding, and tap into surface. Tighten nuts down to secure rack.
HOOP RACK
Installation Instructions – In Ground Mount

TOOLS NEEDED

- Level
- Cement mixing tub
- Shovel
- Trowel
- Hole coring machine with 4” bit
- Access to water hose
- Materials to build brace (see “Install Tip” at bottom of page)

INSTALLING INTO EXISTING SIDEWALK

Core holes no less than 3” diameter (4” recommended) and 10” deep into sidewalk. Fill holes with Por-Rok or epoxy grout. Place rack into holes, making sure the rack is level. 33”-36” of the rack should remain above the surface. If the rack is less than 33” high, it will not support the bike adequately. Make sure the rack is level and held in place until the grout has set.

INSTALLING INTO A NEW SIDEWALK

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 and allow to cure.

3

After appropriate cure time, dig out sand from sleeves and insert racks, making sure they are level and at the appropriate height. Pour in Por-Rok or epoxy grout and allow to set.

INSTALL TIP

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 rack like a clothes pin.
**HOOP RACK**

**Rail Mounted Options**

**RAIL MOUNTED HOOPS**

Rail mounted Hoop Racks are standard foot mounted Hoop Racks attached with bolts to a rail as in the diagram at left. Rail mounted racks provide more flexibility than other mounting options while providing the same degree of security.

Rail mounted Hoop Racks can be left freestanding, or they can be anchored to the ground using several anchors. This option allows for easier snow removal and sweeping. Installation of Rail mounted Hoops is also much less expensive than embedding the racks into the ground.

* Note: Though racks may be painted, the rails will remain with only a galvanized finish

**ADVANTAGES:**

- Easier and inexpensive installation
- Can be left freestanding or anchored to the ground
- Easier to remove for sweeping and snow removal

**APPLICATIONS:**

- Installation to pavers
- Asphalt Installations
- Ground, dirt, or mulch
- Situations where the rack needs to be moved occasionally

3 Unit Rack  
69” Long  
Parks 6 Bikes

4 Unit Rack  
100.5” Long  
Parks 8 Bikes

5 Unit Rack  
132” Long  
Parks 10 Bikes

6 Unit Rack  
163.5” Long  
Parks 12 Bikes

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**HOOP RACK**

Installation Instructions – Rail Mount

**TOOLS NEEDED**

- 9/16" Socket set
- Two 4"x4"x28" (or larger) blocks
- 4 bolts, nuts and washers for every Hoop (included with rack). If using a tamper resistant nuts, install two tamper resistant nuts with each Hoop.

**ANCHORING THE RAILS**

To anchor the rails to concrete, place 3.75" wedge anchor through holes in the rail into the concrete. Secure with nut.

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1. Lay out the two channel beams where the rack will be placed. Place the two beams on top of the two blocks of wood so that the open part of the channel faces the ground.

2. Place Hoop Racks on beams so holes in rack flanges line up with beam slots.

3. Put bolts through Hoop Rack flange holes and beams so bolt head faces up. HAND tighten the nuts using new flange nuts.

4. Once nuts are on, tip assembled rack over and use a 9/16" socket to tighten nuts. Before fully tightening nuts, make sure the racks are straight on beams. If using tamper resistant nuts, use access tool to tighten nuts. Do not overtighten the tamper resistant nuts. Tip rack upright.