Bicycle Parking

Building great infrastructure for a more mobile tomorrow
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About Us

Who We Are:
Sportworks® has been making the world bicycle-friendly since 1993 by designing and manufacturing the industry’s first widely adopted Bike-Rack-For-Buses™. Since then, our company has grown. We continuously improve and update our vehicle racks and have developed bicycle racks to be used inside of bus rapid transit and rail systems. Our bicycle parking products are just as innovative as our vehicle racks. For example, our No Scratch® bicycle racks are the first racks with a fully integrated, non-abrasive bumper that protects bicycles. You can find our products on city streets, college campuses, and inside bike rooms, as well as on transit buses, railcars, and ferries.

Mission:
Our goal is to design and manufacture innovative bicycle parking and vehicle rack products that facilitate and support multi-modal transportation solutions. We design products that have the highest performance and the lowest total cost of ownership over the lifetime of the product. Our products are easy to use, easy to maintain, and are durable.

Business and Manufacturing Commitments:
At Sportworks®, all of our vehicle racks meet Buy America requirements. Our No Scratch® bicycle parking products conform to the strict material sourcing criteria of the Living Building Challenge, and all of our bicycle racks qualify for LEED. We are dedicated to promoting micro-mobility and multi-modal transportation infrastructure while employing sustainable business practices.

Advocacy:
Sportworks® is passionate about making communities more livable by providing solutions for multi-modal transportation. We also love bicycles and making the world a more bikable place. To this end, we enjoy working with the following advocacy groups: APBP, Cascade Bicycle Club, League of American Bicyclists, People For Bicycles, Street Trust, and many others.
A great bicycle rack will:
» Provide two points of contact between the bicycle and the bicycle rack
» Allow a U-Lock to capture the frame and one wheel*
» Accommodate all common bicycle styles and be easy to use for all cyclists
» Be easily identifiable as a bicycle rack

*Best locking practice is to lock the frame and one wheel with a u-lock and to use a cable lock to secure the second wheel.

Location is everything. Observe where cyclists currently park. If no racks are provided cyclists will lock to any secure object. Cyclists will prefer to lock their bicycles near main entrances. Highly visible bicycle parking helps deter bicycle theft.
There are a multitude of different styles, shapes and sizes of bicycles, just as there are a multitude of different cyclists. The goal of bicycle parking is to provide safe and secure parking solutions for as many different types of cyclists and bicycles as possible.

**Common Bicycle Dimensions**

Width: dependent on handlebar
Road bicycles: 16” - 19”
Mountain Bicycles: 28” - 38”
Cargo Bicycles: 36”

Cargo bicycles are becoming increasingly popular and vary greatly in dimensions depending on the style of the bicycle. Cargo bicycles are compatible with most of our bicycle racks, but will need additional space. If you have specific concerns regarding spacing requirements for cargo bicycles please contact our sales team: salesandsupport@sportworks.com.
Bicycle Parking Space Use

Street Side Parking: Spaces and Setbacks

» Great street side bicycle parking is safe, accessible, and keeps the sidewalks clear for pedestrian travel

» Arranging street side parking to allow recommended spacing helps make sure bicycle racks are easy to use and work as designed

» Many local governments will specify minimum spacing and set-back requirements
Outdoor Bicycle Parking: Plaza Spacing and Setbacks

» Bicycle racks are conveniently placed near the front of the building providing highly visible parking

» Proper space use and high density bicycle racks allow for clean and easy to use bicycle parking without cluttering walkways

» Providing covered parking protects bicycles from the elements

» Placing bicycle racks in a well lit area helps improve the security for both bicycles and people
Bicycle Room: Spacing and Setbacks

» Designing your room with our recommended spacing helps make your bicycle room easier to navigate and use by allowing more space for aisles and between bicycles

» Minimum spacing is the smallest footprint and space needed, but comes at the cost of ease of use and accessibility
Bicycle Room: Spacing and Setbacks

Minimum Spacing

Great bicycle rooms provide both horizontal and vertical parking options to increase parking accessibility.

Providing a bicycle repair stand and pump helps ensure cyclists can keep their bicycles rolling and are desired accommodations for any bicycle room.

Sportworks® provides complimentary bicycle parking layouts. To get started visit: https://www.sportworks.com/parking-layout
Sportworks® has all the resources you need to design your next bicycle room, outdoor parking plaza, or street side solution.

**Lunch and Learn Program:**
» Earn AIA credit
» Learn about APBP standards, the Declare Program/Living Building Challenge, and LEED requirements
» Get hands on experience and have all your bicycle parking questions answered

**Complimentary Bicycle Parking Layout**
We can design your bicycle room
Our layouts are:
» Professionally engineered
» We can work with you to follow local building code regulations and city ordinances
» Follow APBP best practices

Book a lunch and learn: [https://www.sportworks.com/parking-lunch](https://www.sportworks.com/parking-lunch)
Request a complimentary Bicycle Parking Layout: [https://www.sportworks.com/parking-layout](https://www.sportworks.com/parking-layout)
When you have limited floor space but need to accommodate many bicycles, we offer efficient and space saving bicycle racks for you.
Vertical+ No Scratch® Bicycle Racks

» Easy to use, accessible and work for most types of bicycles
» Floor Mounted racks help create high capacity parking when there is no clear wall to mount bicycle racks to
» Available both in a single sided and double sided configurations

» Bicycle racks can be staggered allowing for greater bicycle density and limiting bicycle to bicycle interference
» Optional No Scratch® bumpers help protect bicycles from being scratched

» Endless installation options
» Wall Mounted and Floor Mounted racks can be daisy chained to create long runs for high capacity parking

Our Vertical+ racks are fast to assemble, have infinitely adjustable spacing, are available with an optional integrated locking cable, and are compatible with a standard U Lock to offer the highest security possible. Custom colors are available.

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The Ava In Esterra Park

- Indoor Long-Term Bicycle Parking and Outdoor Short-Term Parking
- High capacity bicycle rooms
- Bicycle Capacity = 192
- 186 Vertical+ No Scratch® Racks with 16” spacing
- 4 Inverted U Racks for non-lifting accessibility

The bicycle rooms at The Ava are all accessible via the parking garage and are secured with a fob system.

Strava Heatmap of Redmond, WA and the Ava in Esterra Park Apartments. Each line represents a bicycle trip, the brighter the line, the more bicycles traveled.

Layout provided by Sportworks®
Two-Tiered Parking: VelopA

VelopA makes the industry’s premier two-tiered bicycle parking products offering easy to use, durable, and extremely space efficient solutions. VelopA racks are suitable for both indoor and outdoor use.

Detailed Space Requirements

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Circa Central Apartments

- Long-Term Bicycle Parking Capacity = 90 bicycles
- VelopA EasyLift Premium bicycle racks
- Ground level access two-tiered lift assisted parking
- Bicycle wash and repair station

The bicycle loft offers easily accessible bicycle parking and helps promote an active lifestyle.
Commercial Wall-Mount Bicycle Racks

Angled Hook

Crossroads

Interbay

Space efficient solutions for multi-use storage facilities.

* A note on dimensions: minimum dimensions are placed above the recommended dimensions. Recommended dimensions are in ( ).
Horizontal Parking

Our horizontal bicycle racks set the standard for bicycle parking. Our premium products feature a No Scratch® bumper that protects bicycles. All of our bicycle racks allow the frame and a wheel to be U locked to the rack for maximum security.
Horizontal No Scratch® Bicycle Racks

» All No Scratch® horizontal racks are made with rectangular tubing making the rack more resistant to theft

» Our Cane Detectable Tofino helps make sidewalks more accessible and navigable for everyone

» The No Scratch® Santoprene® bumper is fully incorporated into the construction of the bicycle rack

» Santoprene® is an extremely tough, UV stable, fade and crack resistant material and is 100% recyclable

We recommend stainless steel racks in matte finish. Also available in custom colors.
The Hangar At Town Square

» Outdoor Short-Term Parking
» Bicycle capacity = 14
» Easily accessible near the front entrance of the building
» 7 Oahu No Scratch® Racks
» Available to the public

Easy to use bicycle parking helps make The Hangar a more accessible community gathering place.
Commercial Horizontal Bicycle Racks

Our commercial bicycle racks are tried and true favorites. Racks are available in the following options: galvanized steel, stainless steel, plascoat, powder coat, surface mounted or embedded.

Our Municipal Rack comes in many different variations. If you need specific dimensions please contact our sales team and we will make sure you get what you need: https://www.sportworks.com/parking-quote
Our Plaza High Density Bicycle Racks provide organized, intuitive, and space efficient bicycle parking.

Plaza™ High Density Bicycle Rack

Plaza™ Double Sided
» Double sided bicycle rack designed to provide high density parking with minimal bicycle to bicycle interference and a space efficient footprint

Plaza™ Single Sided
» Single sided bicycle rack designed to accommodate narrow spaces, sidewalks, or to be placed adjacent to a building
» The bicycle rack needs no clearance between the rack and a building/wall

Plaza Jr™ Single Sided
» The Plaza Jr comes in both a single sided and double sided version and can accommodate both adult and youth sized bicycles
» It is the perfect solution for playgrounds and elementary schools
Our newest bicycle rack specifically designed for:
» Plazas
» Campuses
» Transit stations
» Any high demand, high density location where inverted U racks are too chaotic and a cleaner solution is needed

We designed the Omnium to provide clean and orderly bicycle parking in high density locations. The rack features:
» Front Wheel Wells - help ensure consistent bicycle positioning
» No Scratch® bumpers
» Can accommodate all common bicycles with the least bicycle to bicycle interference on the market

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Keep your streets and sidewalks clean and clear with the micro-mobility corral. The corral provides safe and designated parking that accommodates both bicycles and scooters.
Custom Bicycle Racks

Bring your bicycle parking project to life with our custom color and sign plate options.

We have a variety of ways to customize your bicycle racks from custom sign plates to colors. For more information contact our sales team: https://www.sportworks.com/parking-quote
Bicycle Lockers

Bicycle lockers offer long-term storage and protection from the elements for bicycles. Lockers are a great addition to any indoor or outdoor bicycle parking solution.
Bicycle Parking Accessories

- Wash Station
- Deluxe Repair Stand
- Public Repair Stand
- Full Size Vending Machine
- Indoor Floor Pump
- Outdoor Floor Pump
- Electric Air Pump
- Wall Mounted Vending Machine

Complete your bicycle parking solution by providing additional bicycle amenities such as a wash station, repair stand, floor pump, or a vending machine that sells essential bicycle repair parts.
Vida Apartments

» The Cycling Hub, is easily accessible on the ground floor of the Vida apartment building
» Bicycle capacity of the Cycling Hub = 23
» Each parking space is designated with a number
» The Cycling Hub has a bicycle maintenance room complete with repair stand, work benches, and a vending machine containing essential bicycle parts
» The Cycling Hub is accessible via key card

Including extra bicycle amenities and designated parking spaces elevates Vida Apartment’s Cycling Hub to a VIP experience.
Mounting Options

**Surface Mount**
This mount type uses mounting feet and appropriate hardware to anchor the rack to the ground. Sportworks recommends using tamper-proof hardware for greater security.

**Embedded Mount**
This mount type can be done by either installing the rack before concrete is poured, or by drilling into the concrete after it has set and adding additional grout.

**Tamper-Proof Hardware**
If the bicycle racks will be bolted to the surface, we recommend the use of breakaway nuts or other security hardware.

**Wall Mount**
Special mounting hardware will be required for various wall surfaces: concrete, drywall, etc. Our experts can assist you in selecting the right hardware for your installation.

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**Mounting Rails**

- Allow for easier movement of racks if racks will be used for events, seasonal parking, etc. Racks are not required to be secured to the ground
- Versatile and adaptable based on site and requirements (perpendicular or angled parking with most Sportworks® inverted U style rack)
- 6-10 bicycle configurations per set of rails
- Rails can be secured to the ground if desired

**Mounting Hardware**

- We have a variety of mounting hardware options for all our products
- We will consult with you to determine the best hardware for your specific application
- Check out our website for more specific information or talk with one of our bicycle parking specialists
- [www.sportworks.com/howto](http://www.sportworks.com/howto)
Mounting Surfaces

Concrete
» One of the most common bicycle rack mounting surfaces for both horizontal and vertical bicycle racks
» Both embedded and surface mounts options are available
» Scanning may be necessary when mounting racks in a structure with post tension concrete slabs

Information about mounting bicycle racks on other surfaces such as plywood and drywall can be found on our website: https://www.sportworks.com/howto

Tile, Pavers, and Asphalt
» Removing a portion of tiles, pavers, or asphalt and installing concrete footings to embed or surface mount racks is preferred
» Mounting rails are an alternative solution to install bicycle racks
» Surface mounting rails to concrete footings provides a secure and cost effective solution that requires less digging and less concrete

Soft Surfaces
» Digging into soft surfaces and installing concrete footings to embed or surface mount racks is the most secure option
» Mounting rails are an alternative solution and work great if the goal is to provide temporary or seasonal bike parking
We love bicycles.
Contact Information

» Phone: 888-661-0555
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» Quote Request Form: https://www.sportworks.com/parking-quote
» Layout Request: https://www.sportworks.com/parking-layout
» Lunch and Learn: https://www.sportworks.com/parking-lunch