

Classic Displays Biking Catalogue



Selecting a Bike Rack

Cycling as a person's main mode of transportation has greatly increased in popularity over the years and is only continuing to grow, especially in metropolitan areas. As the number of cyclists continues to rise and more cities introduce or increase biking infrastructure such as protected bike lanes, it's essential that secure bike parking be included in those plans.

You could be a BIA wanting to put additional bike parking throughout, or a town looking to increase bike parking in a downtown core. You could be a commercial property wanting to add bike parking for customers, or a residential property looking for bike parking solutions for residents and guests. You could even be a large office building wanting to add bike parking for employees. Regardless of who you are, there are two key questions you have to answer when selecting bike racks.

Where are the bike racks going and are they are short term or a long term parking solution?

Are the bike racks being installed along the sidewalk of a city street? Is bike parking being incorporated into a parking lot? Are these bike racks being installed in an indoor bike room? Are these bike racks being incorporated onto a commercial property?

If bike racks are being installed along a busy sidewalk and they are a short term parking solution for visitors to local businesses, you might want to consider a low capacity rack that features a small footprint, like the City Style Ring or Arch bike rack. While this kind of rack can only hold one bike on either side, a number of them can be installed along the sidewalk.

If you are planning on incorporating bike racks into a parking lot (a public municipal lot or a commercial property parking lot), and are using some car parking spaces to do so, you should consider a bike corral system.

When planning an indoor bike room that is a long term parking solution for tenants, wall mounted bike racks are common practice, but consider pairing them with some ground mounted units as well, like the Stacker. For exterior racks meant for short term visitor parking, a low capacity rack like the York is a great option.

What are your bike parking capacity requirements?

A major question that needs to be asked when planning to incorporate bike parking is how many bike parking spaces you require. Do you see a lot of cyclist traffic? Do you currently have bike parking solutions but those are always occupied and visitors are left without a proper place to park their bike? Are you a new condo development that requires by law a bike parking spot for every unit?

At Classic Displays, we have a variety of bike parking solutions that individually or paired together can meet those capacity requirements. Once those main questions have been answered and you have a better understanding of your bike parking needs, a Classic Displays team member is happy to walk you through our different models of bike racks to determine what will work best for you. For Classic Displays no project is too big or small, we can assist you in choosing the best bike rack for your city street or help you design and execute a bike parking room.

Snapshot of Bike Racks

All Classic Displays bike racks comply with the APBP Guidelines

City Style Ring



MATERIALS

Galvanized Pipe with Cast Aluminum Cap and Ring

DIMENSIONS

Height: 37" (940mm)

Width: 18.5" (470mm)

Depth: 6" (152mm)

Weight: 30.8 lbs (14 kg)

FEATURES

- Outdoor Application
- Available as a Pre-Drilled Surface Mount or as an In-Ground Model
- Natural Galvanized Finish
- Custom Embossing Available

Crown Bike Rack



MATERIALS

-Galvanized Steel, or Zinc-Plated Powdercoated Steel, or A316 Marine Grade Stainless Steel

DIMENSIONS

Height: 40" (1016mm)

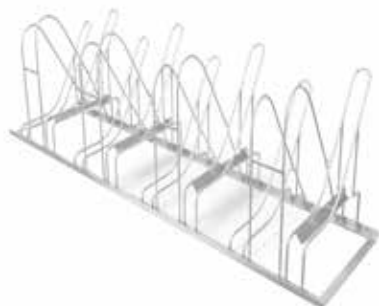
Width: 23.5" (597mm)

Weight Range: 37.81 lbs - 48.19 lbs (17.15 kg - 21.86 kg)

FEATURES

- Indoor/Outdoor Application
- Pre-Drilled for Surface Mounting
- Optional In-Ground Mounting
- 1.9" and 2.38" Schedule 40 pipe
- Optional Powdercoated Paint Colours
- Optional Custom Laser-Cut Panel

Stacker 8



MATERIALS

Corrosion-Resistant Galvanized Steel

DIMENSIONS

Length: 120" (3048mm)

Depth: 28.5" (724mm)

Height: 32" (813mm)

Weight: 270 lbs (122 kg)

FEATURES

- Designed for locking Front Wheel AND Frame (with U-Lock)
- Pedals and handlebars typically do not touch
- 33% more space efficient than typical bike parking space
- Multiple stackers can be abutted to create endless bike parking spaces



U24 Bike Rack

MATERIALS

Galvanized Steel, or Zinc-Plated Powdercoated Steel, or A316 Marine Grade Stainless Steel

DIMENSIONS

See website for more details

FEATURES

- Indoor/Outdoor Application
- Pre-Drilled for Surface/Rail Mounting, with Optional In-Ground Mounting
- 3 Tube Sizes including 1.9" round, 2" square, or 2.38" round
- Optional Lean Bar or Custom Laser-Cut Panel
- Optional Custom Colour Laser-Cut Panel
- Optional Powdercoated Paint Colours Available

H40



MATERIALS

Galvanized Steel, or Zinc-Plated Powdercoated Steel, or A316 Marine Grade Stainless Steel

DIMENSIONS

Height: 35.4" (899mm)

Width: 40.4" (1026mm)

Weight Range: 31.45 lbs - 63.95 lbs (14.27 kg - 29.01 kg)

FEATURES

- Indoor/Outdoor Application
- Pre-Drilled for Surface Mounting
- 3 Tube sizes including 1.9" round, 2" square, or 2.38" round
- Optional Lean Bar
- Optional Custom Laser-Cut Panel
- Optional Powdercoated Paint Colours

R Rack

MATERIALS

Galvanized Steel, or Zinc-Plated Powdercoated Steel, or A316 Marine Grade Stainless Steel

DIMENSIONS

Height: 35.4" (899mm)

Width: 40.4" (1026mm)

Weight Range: 31.45 lbs - 63.95 lbs (14.27 kg - 29.01 kg)

FEATURES

- 3 Tube sizes including 1.9" round, 2" square, or 2.38" round
- Optional custom configurations
- Optional Powdercoated Paint Colours



Bike Corrals



Classic Displays Modular Bike Corral System is designed to transform any sized vehicle parking area into a protected bike parking area, with a standard 22' (7m) vehicle parking space providing a capacity for 14 bikes. The robust impact resistant steel frame serves as a barrier from vehicular traffic, while providing secure individual stalls for bikes.



With Stalls



Racks on Rails 30"
Spacing



Rest, Repair, Refresh
Station

Bike Corrals - Why On-Street Parking is Important

Since the onslaught of the COVID-19 Pandemic, with restaurants required to limit their indoor dining capacity, or be forced to offer only outdoor dining options, sidewalk space in many urban areas is now becoming a premium.

In the City of Toronto, sidewalk space is already diminished in many areas. Bike parking spots frequently occupy valuable sidewalk real estate, limiting possible restaurant patio extensions, while impeding pedestrian movements that adhere to social distancing guidelines.

As the hospitality industry has been hit hard in 2020, those that persevere through the long winter months will need every opportunity possible to take advantage of the extended patio season come early 2021, with both cities and restaurant owners keen on expanding patio sizes to accommodate social distancing.

As of 2016, Classic Displays has provided the City of Toronto with a large amount of their 35,000 City Style Rings (with each post and ring providing a capacity for two bike parking spaces), and the City of Toronto is already aggressively intending on expanding their bicycle parking, and increased bike lanes.

With the dramatically reduced number of commuters using public transit, vehicular traffic and active transportation commutes (which includes bicycles) have remained relatively stable during the COVID-19 pandemic.

To ease the burden of sidewalk congestion, continue the expansion of cycling as a preferred means of transport, while providing restaurants, cafes and bars every opportunity to offer expanded outdoor seating whenever possible, why not convert more existing parallel parking spaces into seasonal bike parking?

This initiative could possibly be achieved through the installation of Modular Bike Corrals which could be easily installed, removed, relocated if needed, and even stored away during the winter months to make room for additional vehicular parking spaces, and of equal importance, salt and sand vehicles.

9 reasons why Modular Bike Corrals may be the perfect solution to Canadian Municipalities and Business Improvement Areas:

1. Limited additional infrastructure costs to the city (less the lost revenue from the parking space)
2. Bike Corrals receive positive feedback from most municipalities, businesses, and advocacy groups.
3. Bike parking increases spending in local stores. A typical bike corral will provide 8 bike customers for every 1 vehicle customer, with the average sized bike corral offering a capacity of 14 bikes.
4. Many city streets already have street surveillance to deter theft. Cyclists prefer to park where there are “eyes” on their bike.
5. Bike Corrals could be created in locations where there is not enough room for a full 22’ x 8.5’ parallel parking space, locations too small for cars, or locations off roadways.
6. Corrals installed near intersections improve intersection visibility, and reduce the distance pedestrians need to cross the street.
7. Corrals can accommodate different bike rack shapes to suit neighbourhood, architecture/sponsor, and can be fully customized, including branding by the city/town or sponsor.
8. Modular Bike Corrals Can be delineated by planters, decorative bollards, and other attractive structures further beautifying areas.
9. Modular Corrals can be seasonal, easily removed and reinstalled, or installed at other locations, with smaller modular pieces conveniently transported and stored in winter.

Cycling is here to stay, and with growing trends in major urban centers pointing to increased accessibility for cyclists, secure, convenient and accessible bike parking will now take centre stage. The trend is starting in Canada, with both Montreal and Vancouver appearing in the top 20 list on the Copenhagen Index in 2019. Toronto still has a ways to go, but progress is progress, and as we recover from the COVID-19 pandemic, the aim of cycling becoming an even more viable transportation option within all Canadian municipalities will be more relevant than ever!

Bike Bollards & Lane Separators



Cycle Safe Bollard

DIMENSIONS

Height: 47" (119.38 cm)

Width: 14" (35.56 cm)



Loop-G

DIMENSIONS

82 cm x 20 cm x 13 cm (32.28 in x 7.87 in x 5.12 in)

PERTINENT INFORMATION

- Comes with retro reflective painted top



Ensign

MATERIALS

Durapol Polymer

DIMENSIONS

Height: 107.8 cm (43 1/8")

Diameter: 28 cm (11 3/16")

PERTINENT INFORMATION

- Also Available in a Rebound Model
- Optional Banding Sizes Available
- Optional Signs Available



Skate-G

DIMENSIONS

74.8 cm x 18 cm x 4.5 cm (29.45 in x 7.09 in x 1.78 in)

PERTINENT INFORMATION

- Comes with retro reflective painted top



Signhead

MATERIALS

Durapol

DIMENSIONS

Height: 112 cm (44 7/8")

Diameter: 20 cm (8")

PERTINENT INFORMATION

- Optional Signhead Signs Available
- Reflective Full Body Sleeve Available



Skate-P

DIMENSIONS

82 cm x 20 cm x 12.7 cm (32.28 in x 7.87 in x 5 in)

PERTINENT INFORMATION

- Comes with retro reflective painted top

Biking Bollards & Lane Separators

With cycling becoming even more commonplace in urban areas, cities and towns are consistently seeking viable solutions when implementing bicycle lanes on existing streets. Designated bicycle lanes are also being incorporated into brand-new road structures, and reimagined urban areas. With the expansion of cycling networks in cities and towns across North America, it has become even more important to ensure that cyclists can safely share the road with vehicular traffic. A safe cycling network not only encourages the network to be used, it brings a plethora of benefits for communities, whether it be increased health, reduced noise pollution, enhanced commercial opportunities, and of course a lessening impact on our environment when more vehicular traffic is replaced by bicycle traffic.

Classic Displays offers a comprehensive selection of delineators consisting of traffic bollards and lane separators in many shapes and sizes, providing the safety and protection urban cyclists deserve. All bollards and lane separators are available with retro-reflective paneling providing enhanced visibility in lower lighting conditions. Classic Displays also offers removable bollards and lane separators, providing solutions for urban areas where substantial snow accumulation during winter months can occur, making some bike lanes seasonal when snowplows are necessary. Combining both lane separators and traffic bollards together provides increased safety while minimizing cost, through the installation of one bollard for every three or four lane separators. Having bollards installed intermittently but consistently along the lane delineation offers motorists increased visibility and awareness that they are sharing the roadway with cyclists. The intermittent installation of bollards along cycling lanes can also bring awareness to snowplows during the winter months. This strategy is already popular in many European communities, and has recently become more widely used in North America.

BIKE REPAIR, MAINTENANCE, AND ACCESSORIES



Classic Bike Repair Station

MATERIALS

- Galvanized or Zinc-Plated steel with Powdercoat Finish
- Optional 316 Stainless Steel Finish
- Braided 3/16" Stainless Steel Aircraft Cable
- Tamper Proof Stainless Steel Hardware

DIMENSIONS

Length: 14" (356mm)
Width (Depth): 20" (508mm)
Height: 56.5" (1435mm)
Baseplate: 14" x 10" (356mm x 254mm)
Hanger Arms Extension: 12" (305mm)
Weight: 144 lbs (65.3 kg)

FEATURES

- Interior/Exterior Usage (Weather resistant)
- Universal Bike Mounting (Seat or top tube)
- Predrilled heavy gauge base plate for ground mounting
- Optional Custom Vinyl Stickers on sides/rear of unit
- Removable tool box for easy servicing
- Vandal Resistant Design with Tamper Proof Hardware

Tools Include

- Steel Core Tire levers (2)
- Headset/Pedal wrench (15mm/32mm)
- 8mm/10mm cone wrench
- 9mm/11mm cone wrench
- 6" Phillips Screwdriver on swivel connector
- 6" Flat Screwdriver on swivel connector
- Hex Key Set on swivel connector
- Torx T-25 on swivel connector



Classic Bike Tire Pump

MATERIALS

- Stainless Steel Finish
- Tamper Proof Stainless Steel Hardware

DIMENSIONS

Body Diameter: 2.25" (57mm)
Handle Grip Width: 13" (330mm)
Handle Grip Diameter: 1.25" (32mm)
Length of Hose: 47" (1194mm)
Height: 32.5" (826mm)
Baseplate Diameter: 7" (178mm)
Weight: 19.8 lbs (9 kg)

PERTINENT INFORMATION

- AODA/ADA compliant design
- Meets most municipal accessibility design standards
- Max 100psi



Classic Wheel Chock

MATERIALS

- Galvanized Steel, or Zinc-Plated Powdercoated Steel, or A316 Marine Grade Stainless Steel

DIMENSIONS

Length: 6.1" (155mm)
Width: 6.0" (152mm)
Height: 25.5" (648mm)
Baseplate: 7.2" Diameter (183mm)
Weight: 22.7lbs (10.30 kg)

FEATURES

- Indoor/Outdoor Application
- Pre-Drilled for Surface Mounting
- Optional Laser-Cut Panel
- Optional Powdercoated Paint Colours Available

Bike Lock Storage Bar

MATERIALS

- Natural Galvanized or 316 Stainless Steel
- Stainless Steel Hardware

DIMENSIONS

Length: 24" or 36" (610mm or 915mm)
Width (Depth) 6.2" (158mm)
Height (Including Flange): 4" (102mm)
Pipe Diameter: 1.9" (48mm)



Short Term Bike Parking

Short-term bicycle parking is important for visitor use in residential, commercial, and institutional settings.

Short-term bike parking is usually considered as a duration of up to three hours. Several factors make short-term bike parking desirable:

- Proximity and visibility from main entrance
- Easily recognizable as short-term bike parking
- Ease of use, secure, meeting APBP guidelines for bicycle parking design



City Style Ring



York



Stacker 2

Long Term Bike Parking

Long-term bicycle parking is important for regular and ongoing use by residents, employees, and transit users.

Long-term bike parking is typically installed in both public and private property settings.

The following factors make long-term bike parking desirable:

- Highly secure bike parking locations, with enhanced security features such as controlled access and security cameras
- Highly secure bicycle parking racks, featuring tamperproof hardware and rack designs for various bicycle styles
- Bike parking rack systems allowing for high density parking, while permanently installed in sheltered locations



Wall Mount



Stacker 8

Guide to Buying a Bike Rack

When considering bike racks, it is important to know the desired final outcome: If the bike rack will support short-term or long-term bicycle parking, and whether preference is given to security, accessibility, or simply accommodating the highest number of bike racks in the smallest amount of space. Another factor to consider is the footprint available for bicycle parking, which may impact bike rack selection.

Most cyclists prefer bike racks which allow bicycles to be parked horizontally, however in some long-term bike parking locations where space is at a premium, bike racks that hold bikes vertically, or “double decker” bike racks may be a preferred option. Classic Displays recommends only the installation of horizontal bike racks in short-term bike parking locations, and installing horizontal bike racks in long-term bike parking areas wherever possible.

For short-term bike parking locations, bike racks can be installed as surface mounted or in ground mounted. For surface mounted bike racks, it is always recommended that they are bolted to a concrete pad. Certain bike racks, including our Stacker8, can be safely installed without bolting due to the weight of the bike rack. This makes the Stacker8 an effective choice for locations where bolting down to concrete is not possible, or if the bike rack will need to be relocated depending on the requirements of the site, or for seasonal installations.

For long-term bike parking locations, the Stacker bike rack parking system is also a preferred option for most bike parking sites, as it allows bicycles to park horizontally while maximizing floor space, resulting in 35% more bicycle parking spaces in the same amount of floor space as a traditional horizontal bike rack.

In more recent years, bike rack installations have sometimes doubled as art installations, or opportunities for businesses to provide custom branded bicycle parking for their customers, with their company logo and colours.

All in all, when selecting a bike rack one should also consider the following:

- Bike Rack Material [should be steel or aluminum]
- Material Finishing [stainless steel, galvanized steel, or thermoplastic powder coating is preferred]
- Diameter of Locking Area [1.9 inches is preferable, however up to 2 3/8 inches can be used for enhanced security]