

InterLock



Features & Benefits

- Simple mounting for quick and easy installation
- Modular design allows for lots of mounting options and angles to fit the space and achieve high density bike parking
- Intuitive design allows users to safely and quickly load/unload bike
- Constrains lateral movement of bike for secure hold regardless of force orientation
- Integrated ratchet strap secures back wheel for increased stability
- Rugged stainless steel construction with anti-glare finish provides maximum corrosion resistance

Bid Specifications

Dimensions and Capacities	Benefit
1) The bicycle rack shall be capable of carrying one bicycle.	Allows customers with bicycles to access the transit system.
2) The bicycle rack shall accommodate bicycles with wheel sizes from 16 inches to 29 inches.	Accommodates the majority of bicycles and <u>wheel</u> sizes
3) The bicycle rack shall accommodate bicycles regardless of wheelbase. (excluding tandems, electrics, and recumbent bicycles).	Accommodates the majority of bicycle <u>frame</u> sizes
4) The bicycle rack shall accommodate tire widths up to 2.5 inches.	Addresses the growing trend of wide mountain bike tires.
Safety and Construction	Benefit
1) The bicycle rack shall be modular construction with replaceable components.	Allows components to be replaced due to collision, damage or abuse. Eliminates the need to replace the entire rack.
2) All parts of the moving portion of the bicycle rack shall be made of stainless steel, aluminum or other corrosion resistant materials. Plated steel components shall not be used.	Ensures a long corrosion free existence in any environment.
3) The bicycle rack shall contact the bicycle's tires only - no contact shall be made with the frame of the bicycle.	This assures the bicycle rider a scratch free trip every time.
4) The bicycle rack front wheel clamp shall be self-storing, requiring no action from the bicycle rider for proper stowage.	The front wheel clamp automatically returns to the stowed position when the bicycle is removed.
5) Maintenance of the bicycle rack shall not require the use of any surface lubrication.	Eliminating the need for liquid lubricants greatly reduces the likelihood of binding due to road debris build-up on moving parts.
6) The bicycle rack shall be designed specifically for commercial transit use and not for consumer use.	The transit environment will quickly destroy a rack made for occasional consumer use.
7) The bicycle rack manufacturer shall have a sum of at least 10,000 racks installed at a minimum of 50 transit agencies in North America.	This ensures the bicycle rack is a product which is proven in the marketplace
8) The bicycle rack shall include a warranty against manufacturing defects for a period of one year.	The manufacturer stands behind the product.
9) The bike rack employs a weight activated front wheel retention system designed to secure a large portion of the front wheel.	More than just "hooking" your wheel into position, this system provides superior lateral and vertical retention over large bumps in the road.
Operation	Benefit
1) The bicycles shall be able to be loaded and unloaded independent of each other.	Allows the user to remove only their bicycle, further promoting quick loading and unloading.
2) The bicycle rack shall be clearly marked with easy to follow instructions for operation.	Educates the user as to the correct orientation of the bike when loading, further ensuring the shortest loading and unloading time possible.
3) Orientation of the pedals by the bicycle rider shall not be required when using the rack.	Decreases potential damage to the bicycle being loaded and to a previously loaded bicycle. Reduces load and unload time ensuring schedule compliance.