

SpinLock



*Left: 101163 - SpinLock with 101179-Riser and 101144-Ramp.
Center: 101163-SpinLock with 101171-Riser.
Right: 101163-SpinLock*

Features & Benefits

- Multiple height configurations available to achieve high-density layouts
- Intuitive design allows users to safely and quickly load/unload bike
- Simple mounting for quick and easy installation
- Constrains lateral movement of bike for secure hold regardless of force orientation
- Integrated ratcheting roller makes loading and unloading easy
- Modular design reduces maintenance cost by allowing damaged and worn out parts to be easily replaced
- 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 20 inches to 29 inches.	Accommodates the majority of bicycles and <u>wheel</u> sizes
3) The bicycle rack shall accommodate bicycles regardless of wheelbase.	Accommodates the majority of bicycle <u>frame</u> sizes
4) The bicycle rack shall accommodate tire widths up to 2.75 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 sued.	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) Attaching a bicycle to the rack shall not require the use of any straps or cords.	No straps or cords to wear out during the service life of the unit, further minimizing maintenance costs.
5) The bicycle rack retention arm shall be self-storing, requiring no action from the bicycle rider for proper stowage.	The arm is simply pushed away from the bicycle tire and released. It automatically returns to the stowed position.
6) 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.
7) 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.
8) 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
9) The bicycle rack shall include a warranty against manufacturing defects for a period of one year.	The manufacturer stands behind the product.
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 designed such that the bicycle rider can load and unload the bicycle from either side of the bike rack.	Ensures easy user experience.
3) Lifting weight to unload the bicycle rack shall be less than 30 pounds.	Allows easy one-hand operation and falls well below OSHA and NIOSH limits.
4) 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.
5) 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.