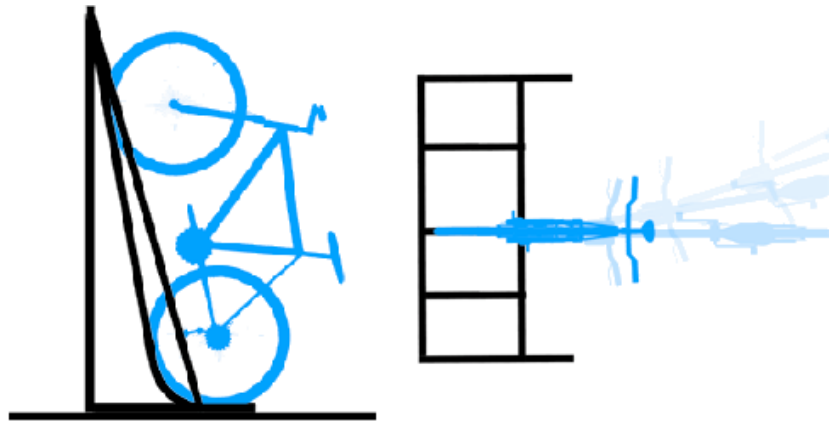


Design Resources > Design Responses > About Furniture > Typology > **Industrial: Public and Semi-public Use**

## Racks and Vertical parking



Vertical storage can be a space efficient way to park bikes. For public access use it is not always appropriate since not everyone is able to lift their bike easily. Installation is normally with fixing bolts into ground surface or wall or ceiling surface.

### Typical Context of Use:

Restricted or semi restricted access. Workplace, leisure and residential premises, car parks etc.

### Typical Length of Stay:

Medium (2-8 hours).

### Number of Bikes per Unit:

1-8 bikes max.

### Approximate Cost per Bike:

Between £25 - £400.

### Locking Opportunities / Lock Compatibility:

OK or Bad: one wheel and/or frame / all types.

### Ease of Use / Time to Lock:

Vertical parking solutions result complicated to some of the user (lifting the bike) and offer very few locking opportunities according to the device model. To allocate and lock the bike can require few minutes.

### Strengths:

- Space saving solution for both indoor and outdoor environments



- Available in wall mounted and free standing versions
- Lifetime: 5-30 years, depending on finish and context of use

### **Weaknesses:**

- Vertical parking is not easy to access and provide a low level of security and locking opportunity

### **Useful References:**

<http://www.bikerackshops.com/groupoutdoorracks.html>