



[Design Resources](#) > [Design Responses](#) > [About Furniture](#) > **Examples**

Vandelbeek Stand

The Vandelbeek stand combines elements of the 'post' and 'wheel stand' parking solutions. It offers an improved aesthetic and provides increased functionality over these precedent solutions i.e. it holds the bike upright while providing a locking opportunity for the frame. The additional support offered by the post element of the design should avoid 'heel bending' often associated with conventional 'wheel stands'. The Vandelbeek is made from hot-dipped galvanised steel with a powder coated finish and is attached to the ground by fixing bolts set in concrete.

Typical Context of Use:

Semi-restricted access. Surveyed, private or semi-private areas. Residential, workplace, school entrances etc.

Typical Length of Stay:

Short stay or other durations depending on context. i.e. if used in private context bike could be left for longer without increased risk of theft.

Number of Bikes per Unit:

1.

Approximate Cost per Bike:

(waiting for manufacturer's reply).

Locking Opportunities / Lock Compatibility:

Poor / Adequate – certain locks, e.g. short reach D-locks, will only allow the frame to be locked while others, such as chain locks, may reach to the front wheel as well. There is no opportunity to lock the back wheel to the stand.

Ease of Use / Time to Lock:

The stand is very simple to use and supports the bike while the lock is being applied. Locking time can vary from 30sec to over 2min depending on the lock and how it is applied.

Strengths:

- Keeps the bike upright/supports the bike frame
- Considered/designed aesthetic
- Maintenance costs are virtually nil

Weaknesses:

- Does not offer a opportunity to lock the back wheel
- Awkward to lock step through frames

Useful References:

<http://wolters-streetfurniture.eu/eng/rvdbfietsrek.htm>

<http://www.beekdesign.be>