

TURVA-MAX BICYCLE STAND
Tmi Martek-tekniikka**TURVA-MAX**

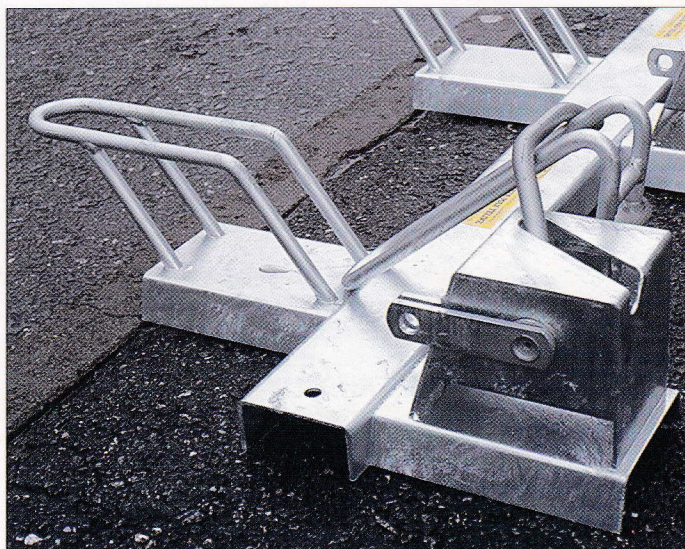
Simply locking up a bicycle has not been found to prevent theft. To avoid theft, a bicycle should always be fastened to a solid stand or structure.

The Turva-Max makes it easy to lock up a bicycle using the bicycle's own security lock. When correctly used, the stand meets the requirements of a good security device and is simple and easy for the cyclist to use.

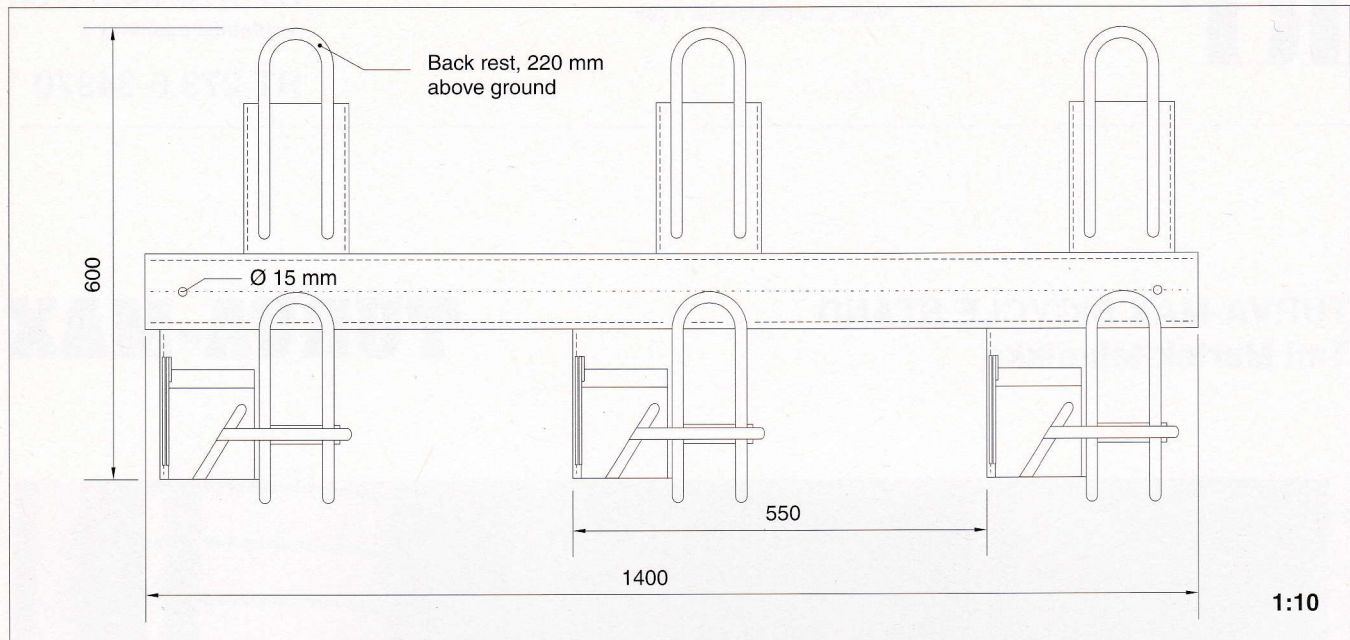
The Turva-Max bicycle stand is covered by a worldwide PCT patent.

USEING NOTES

The Turva-Max is what is known as a semi-automatic bicycle stand. It can only be used with the bicycle's own lock, and additional or winter locking is performed using a separate padlock. Compared to a traditional bicycle stand, the only difference in its use is that the bicycle is pushed into place with the rear wheel forward into the "scoop" and then into the back rest. The bicycle is released in the opposite order. First the bicycle lock is unlocked and then the bicycle is pulled in the normal way out of the stand.



The Turva-Max bicycle stand in the locked position.



The structure and dimensions of a stand unit for three bicycles.

TECHNICAL SPECIFICATION

The base of the stand consists of a 100 x 50 x 4 mm U profile running through it as a continuous spar. The material is cold-worked steel, fo 37-2. Welded to the frame spar are side pieces onto which the rear and front supports for the rear wheel are attached. The back rest for the rear wheel of the bicycle is a supportive trestle solution with a fe 52-3 axle. The material is bent to provide good support for the bicycle wheel.

The front side piece incorporates a 110 x 120 x 130 mm box containing the axle mechanism, and this section also houses the locking bar. The locking bar is a 16 mm drawn glazed axle. The bar travels along the runner in the top surface of the box through a number of fastening and locking stages. The locking bar has been designed to prevent the bicycle wheel being wrenched out of the stand. The other bending parts of the stand are made from an axle of 14 mm.

The general practice in the requirements of insurance companies is that circular steel must have a minimum diameter of 14 mm to prevent 27" power tongs being used to break the part in question.

The total height of the stand in the locked position is 220 mm. In the ready position, the front support of the rear wheel raises the height of the stand by about 150 mm.

Coating

The general coating of the stand is hot galvanizing in line with the SFS 2765 standard which is according to the EU-norm without electrical galvanizing. The locking bar is tempered with approx. 0.6 mm surface tempering to a Rockwell hardness of 56-60, and the corrosion and wear surface is chrome plating.

FASTENING THE STAND

The family security stand can be fastened from the central console to the tarmac using 2 x 12 mm bolts or fastened to a base by means of the anchor or cone bolt method.



The stand can also be embedded in new buildings into the fresh tarmac to be a fixed part of the building environment.

The slab iron (2 x 50 x 8 mm) available as extra can also be used to fasten the stand to the basement of the building.

The right to technical alterations is reserved.

MANUFACTURE, SALES AND ENQUIRIES

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