

Poster presentation

## **Bicycles with turnable handlebars make parking easier and demand less room.**

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### **Do you recognise this?**

The handlebars of bicycles are very troublesome when you want to park bicycles in (public) parkings. The handlebars hinder each other (Besides, also at home handlebars are often in the way).

### ***A new device***

*Since March 2000 there is a device that makes handlebars turnable. It can be fixed on 80 percent of all bikes. Turning the handlebars 90 degrees is now a matter of seconds. The width of the bikes is significant reduced.*

### **The problem**

Can we people that want to park their bikes in a parking ask to turn their handlebars?  
Can we people who are willing to do so offer cheaper parking places because they need less room to park their bikes?

### **The mean question**

Do you agree that it is a challenge to work out the idea: bicycles with turnable handlebars need less room. More bikes can be parked. The costs can be lowered as well as for the parking manager as for the consumers.

### **A public debate**

It is a social issue: the realisation of cheaper and more places in public parkings. A social issue should be discussed in public. Pilot studies in real situations must be held. Yes or no? Please make your remarks and fill in a reaction form.

### **information:**

The device is called **X-fiX<sup>®</sup>**  
see: [www.x-fix.nl](http://www.x-fix.nl).

The most often normal distance between two bicycles in a parking is 30.0 cm. The new standard will be 37.5 cm. In comparison with that new standard (37.5 cm) we can park 38 percent more bikes by using a distance between bikes of 27.0 cm. With turnable handlebars a distance of 27.0 cm will do.

## **Reactions on our questions**

Most people that we spoke on the conference Veló Mondial were very enthusiastic about our invention. Many people recognised the fact that handlebars of bicycles often hinder each other.

X-fiX was judged as easy, comfortable, and well constructed. To our big surprise it seems the case that (public) parkings for bicycles hardly exist in other countries than the Netherlands.

We thank the people that gave their comments.

Greetings,

Luc Meuwese

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### **Some information about de X-fiX®**

The **X-fiX®** is a device that makes the steering of your bicycle turnable. The device can be added to most bikes. The mechanism is placed in the steering.

Cogs of the **X-fiX®** see tot it, that a safe, firmly fixed, fitting of the steering is realised. The only thing you can see is a knob on the steering.

Handy for situations like

- < parking a bicycle in a corridor or on a staircase in or out a building
- < parking a bike in a (public) parking
- < bikes on the back of a car
- < taking a bike with you in a train
- < in a shed or storeroom

Advantages

- < the **X-fiX®** safes room
- < prevents damages on handlebars and walls
- < the **X-fiX®** mechanism puts the steering right (you don't need to look)
- < the bike stands very stable against a wall

You can assemble a **X-fiX®** on a bike without sawing or drilling in the frame.  
The **X-fiX®** can assembled on 80% of the bikes.

In the Netherlands you can buy a **X-fiX®** for the price of f 49,50 (22,50 Euro) in bicycle shops.

If you want more information (pictures and drawings of the system) or if you want to buy a **X-fiX®**, visit our website: **[www.x-fix.nl](http://www.x-fix.nl)**

If you want to buy a **X-fiX®** send us an e-mail. Our adress is: [info@x-fix.nl](mailto:info@x-fix.nl).