



Smart bike maintenance station h617_27

Aluminum smart station for E-Bike maintenance and charging, equipped with tools, pump, and sensors for environmental monitoring.

The **h617_27 bike maintenance station** represents the technological evolution of urban furniture dedicated to micromobility. Made of **anticorodal aluminum** and equipped with stainless steel hardware, this structure is designed to withstand the most severe weather conditions, while offering an interactive and multifunctional service. It responds concretely to the needs of urban cyclists and **E-Bike** owners, integrating mechanical repair tools, electric charging, and environmental data monitoring into a single module.

The system is characterized by advanced electronics manageable via a **dedicated APP**, which allows administrators to program access to Schuko sockets and implement digital payment systems via smartphone. The integration of sensors for fine dust detection and a people counter transforms the station into a true **IoT monitoring station** for the smart city.

Technical features

- **Structure material:** Corrosion-resistant anticorodal aluminum
- **Components:** Stainless steel hardware
- **Tool equipment:** 1 Phillips screwdriver, 1 flathead screwdriver, 1 adjustable wrench (0-22 mm), 2 tire levers, fixed wrenches (13/15 mm), Allen key set
- **Inflation system:** Manual pump with universal connection
- **Electric charging:** 2 IP65 Schuko sockets for E-Bikes
- **Connectivity:** Internal SIM included (free for the first year) for remote management via APP
- **Integrated sensors:** People counter and pollutant particle detector (PM1, PM2, PM10)
- **User interface:** Integrated display for data viewing and QR Code for geolocation
- **Customization:** Available in various RAL colors

Optional:

- Graphic customization with customer logo or name
- Side bike rack (single or double, maximum one per side)
- Additional sensors for air temperature and humidity
- Internal router with annual fee for Wi-Fi Hot-Spot function

Image for illustrative purposes only

INFORMATION