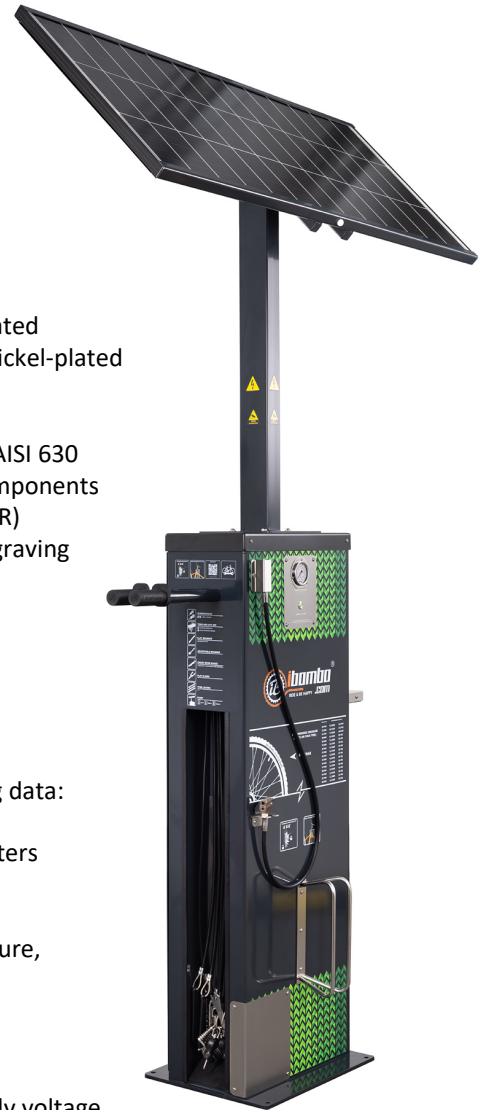


Specification:

- housing made of stainless steel
- Solar panel mountable in any orientation relative to the axis (190 W)
- 45 Ah battery
- 2 x USB-C port for charging devices (12V in/output 10W)
- stainless steel shelf with inductive charging of devices (12V in/output 10W)
- LED lighting (motion/dusk sensor)
- tools on stainless steel cables fi 4 mm AISI 316 with rubber coating fi 11
 - phillips screwdriver PH2 with integrated swivel – stainless steel AISI 304/420
 - flat screwdriver 5.5 mm with integrated swivel – stainless steel AISI 304/420
 - adjustable wrench 0-36 mm – stainless steel AISI 420 + nickel-plated
 - flat spanner 8/10/13/15 mm + pedal wrench – stainless steel AISI 420 + nickel-plated
 - TORX/HEX multitool with integrated swivel – stainless steel AISI 304/316/420 + nickel-plated
TORX |9|10|15|20|25|27|30|40| HEX |2|2,5|3|4|5|6|8|
 - tire levers with stainless steel AISI 420 core covered with nylon (3 pieces)
 - Air compressor (max 10 BAR) with dual-chamber pump adapter – stainless steel AISI 630 + nickel-plated- fits all types of bicycle valves(DV/AV/SV) with industrial-grade components
 - AISI 304 (IBOMBO AISIPRO 630 HEAD™) + reinforced hydraulic hose 1/4" (225 BAR)
- holder in the housing for the adapter made of stainless steel with AISI 304 and engraving
- stainless steel (AISI 304) electropolished small bike rack
- anti-theft screws securing the element of the station with service bits
- 4 x stainless steel mounting threaded studs (M10)
- anti-theft nuts for the base of the station with a patent key
- possibility to mount up to 10 tools
- branding design with your LOGO (up to 172 cm²)
- remote access to the communication system, enabling monitoring of the following data:
 - communication status, time of the last update, and GSM/LTE signal strength
 - voltage from the MPPT charge controller and basic power supply system parameters
 - current pressure in the pumping system
 - compressor operating status, number of activations, and total operating time
 - air quality sensor providing measurements of PM1.0, PM2.5, PM10, air temperature, and humidity
 - use of the compressor activation button
 - lighting status and number of activations
 - opening of the internal and external parts of the housing
 - fault conditions, in particular loss of communication, excessively low power supply voltage, exceeding the permitted compressor operating time, and unauthorized opening of the housing



IBOMBO sp. z o.o.

Strzyżewice, ul. Modelarska 9a, 64-100 Leszno, POLAND

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The Self-Service Bicycle Repair Station is a modern and durable solution designed for public spaces. The powder-coated **AISI 304 stainless steel housing** ensures resistance to weather conditions and vandalism. Powered by a 190 W solar panel and a 45 Ah battery, the station is equipped with a USB-C port and a shelf with 10 W wireless charging, as well as LED lighting with motion and dusk sensors. The station is fitted with a set of **tools made of stainless steel** alloys (AISI 304/AISI 316/AISI 420), including screwdrivers, wrenches, a TORX/HEX multitool, and tire levers. The tools are secured with aircraft cables (7×7 multi-strand construction, Ø 4 mm) made of **marine-grade AISI 316 stainless steel**. The cables are protected with a flexible rubber coating and finished with precision machine-crimped nickel-plated aluminum ferrules. The station also features a compressor with a maximum pressure of 10 BAR, equipped with an **AISIPRO HEAD 630 adapter** compatible with all stainless-steel bicycle valves. Additional features include an auxiliary bicycle stand, **anti-theft protection**, and the option to personalize the station with your own logo. The system provides remote access to the communication system, enabling real-time monitoring of communication and power supply parameters, pressure, compressor and lighting operation, as well as air quality, including PM1.0, PM2.5, and PM10 concentrations, temperature, and humidity. The system also records activation of the compressor start button, housing opening events, and fault conditions such as loss of communication, excessively low power supply voltage, exceeding the permitted compressor operating time, and unauthorized opening of the housing.

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SOLAR PANEL WITH 45 Ah BATTERY
USB PORT AND WIRELESS CHARGING



WEIGHT:
170-190 KG



2mm STAINLESS STEEL
POWDER-COATED



COMPRESSOR
10 BAR / 140 PSI



VALVE SERVICE
DUNLOP/PRESTA/SCHRADER



ANTI-THEFT PROTECTED
CONSTRUCTION



TOOL SET
STAINLESS STEEL



STATION BASE
500 mm x 425 mm