



Bench with photovoltaic system for urban furniture h140_543

Single urban bench in steel and Okumè wood with photovoltaic panel and lighting fixture. Dimensions: W 150 x D 49 x H 215 cm.

The **H140_543 lighting bench** is an innovative solution for **contemporary urban furniture**, integrating comfort, durability, and sustainable technology. Designed for public areas, squares, parks, and pedestrian spaces, it is engineered to provide a safe and modern resting point, even during evening hours, thanks to its solar-powered lighting system.

The frame is made with **shaped supports in galvanized sheet metal** 90x8 mm thick, obtained by laser cutting with **shaped corners** for greater robustness and a base prepared for ground anchoring. The seat and backrest, front and rear, are covered with **Okumè wood profiles with a 90x25 mm section**, a material valued for its resistance and stability outdoors.

The upper module, also in galvanized sheet metal, houses a **central lighting fixture** powered by an **integrated photovoltaic panel** located at the top. All **electrical components** are enclosed in an internal compartment within the structure, protected by a **security key**, with a power cable outlet at the base.

The structure is painted in **RAL 3004HR (purple red)** and subjected to a certified cycle of **anti-corrosion treatments**: washing, sandblasting, epoxy primer, thermosetting powder coating, and **double polymerization at 180°C**. This ensures resistance to atmospheric agents, long-lasting protection, and a uniform aesthetic finish.

The product is supplied in an **assembly kit**, complete with steel screws and hardware and assembly instructions. It is prepared for ground anchoring using **anchor bolts and expansion plugs**, ensuring stability and safety. With a total weight of 185 kg, it guarantees robustness and reliability even in high-traffic public areas.

Illuminate your urban spaces with a sustainable and design-oriented solution. Choose the **H140_543 bench** and request a personalized quote for multiple supplies now.

Technical features

- **Dimensions:** W 150 x D 49 x H 215 cm
- **Number of seats:** 1
- **Structure:** Galvanized sheet metal 90x8 mm, laser cut
- **Cladding:** Okumè wood profiles 90x25 mm (seat and backrest)
- **Upper module:** Galvanized sheet metal with central lighting fixture
- **Power supply:** Integrated photovoltaic panel
- **Electrical components:** Internal compartment with security key, base cable outlet
- **Frame color:** RAL 3004HR (purple red)
- **Total weight:** 185 kg
- **Fixing:** Anchor bolts and expansion plugs
- **Delivery:** Supplied in assembly kit with screws and instructions

User benefits:

- **Structure:** robust and resistant for intensive public spaces.
- **Seat:** comfortable in Okumè wood, a durable material for outdoors.
- **Lighting:** autonomous powered by solar panel.
- **Safety:** guaranteed by a technical compartment with a protection key.

- **Design:** modern and weather-resistant finish.

FAQ:

1. **How many seats does this bench offer?**

It is a single bench with a double backrest (front and rear).

2. **Does the lighting work without an electrical connection?**

Yes, thanks to the photovoltaic panel that powers the central lighting fixture.

3. **Is assembly complicated?**

No, the product is supplied in a kit with instructions and steel hardware, easy to assemble.

4. **Is the wood used suitable for outdoors?**

Yes, Okumè wood is known for its stability and resistance to atmospheric agents.

5. **What certifications does the product have?**

It complies with ISO 9001:2015, UNI EN ISO 3834-3:2021, EN 1090-1:2009 with CE Marking and Transformation Center DM 14/01/2008.

Mini buying guide:

Solar benches represent an ideal choice for those who wish to combine **comfort, innovation, and sustainability**.

Before purchasing, evaluate the **robustness of the structure** (galvanized steel treated against corrosion), the quality of the **wood cladding**, and the presence of a **photovoltaic panel** to power lighting or integrated sockets.

A product certified with standards such as **ISO 9001** and **CE Marking EN 1090** offers guarantees of reliability and durability. Furthermore, opt for models designed for **secure ground fixing**, to ensure stability in public environments.

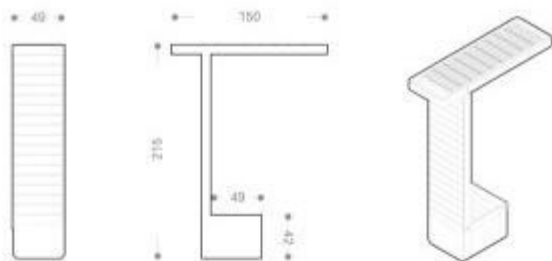
Urban solar bench, bench with photovoltaic lighting, wood and steel outdoor bench, RAL 3004HR bench, sustainable urban furniture, bench with central lighting fixture, EN 1090 certified bench.

**Images for illustrative purposes only.*

INFORMATION

- **Strengths** di design
- **Depth in millimetres** 490.000000
- **Width in millimetres** 1500.000000
- **Height in millimetres** 2150.000000
- **Material** legno, metallo

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RAL 3004HR
(Telaio)