



Smart bench with recycled plastic elements h1022_04

Smart bench in steel and recycled plastic (1900x576 mm). Equipped with a 20W solar panel, USB/induction charging and 6 days of autonomy.

The **smart bench h1022_04** represents the technological evolution of sustainable urban furniture, combining functional design and energy innovation. Made with a robust **metallized and painted steel** structure and seat with backrest in **brown recycled plastic**, this intelligent seat solves the need for constant connectivity in open spaces, transforming the rest area into an autonomous charging hub. The system is powered by an integrated high-efficiency **20W solar panel**, designed to operate even in conditions of low light exposure. Thanks to intelligent energy management, the bench offers versatile charging for mobile devices via **induction or USB ports**, guaranteeing continuous service to citizens and tourists in parks, squares and smart city areas.

Technical characteristics

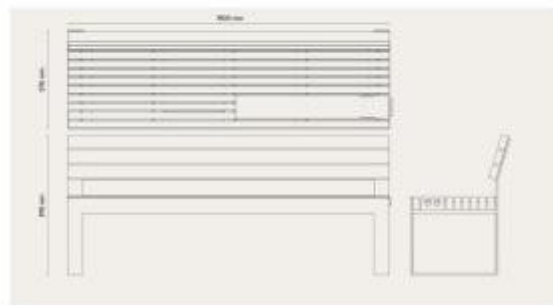
- **Dimensions:** 1900 x 576 x 818 mm
- **Structure materials:** Metallized and painted steel in various RAL colors
- **Seat and backrest material:** Brown recycled plastic
- **Solar Panel:** 20W, efficiency > 23%, resistant to corrosion and UV
- **Charge controller:** Waterproof with conversion efficiency up to 97.5%
- **Battery:** High-capacity system with 6 days of autonomy without sunlight
- **Charging systems:** Wireless induction technology and USB ports
- **Battery protections:** Polarity reversal, overload, over-discharge and short circuits
- **Resistance:** High protection against atmospheric agents and vandalism
- **Maintenance:** Modular design for easy component replacement

* Images purely indicative

INFORMATION

- **Strengths di design**
- **Depth in millimetres** 576.000000
- **Width in millimetres** 1900.000000
- **Height in millimetres** 818.000000
- **Material** metallo, plastica
- **typology** with backrest

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Typology: con schienale

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|----------------------------|--------------------------|
| ● Bianco puro RAL9010 | ● Grigio Ombra RAL7022 |
| ● Grigio antracite RAL7016 | ● Giallo segnale RAL1003 |
| ● Marrone rosso RAL3011 | ● Blu segnale RAL5005 |
| ● Verde segnale RAL6018 | |