

Motorized Personal Transporter

New
Mobility



ERGONOMICS

KEYWORDS

- ▶ Personal transporter
- ▶ Transport
- ▶ Last mile
- ▶ Smart city
- ▶ Urban mobility
- ▶ Control pedal
- ▶ Electric motors
- ▶ Trolley
- ▶ Folding seat

Innovations/advantages

Light vehicle designed to carry one passenger that can be used by elderly people, or people with reduced mobility, or, in general, by people with no particular level of fitness or those without training;
Small size (can be loaded into the trunk of a car);
Towable vehicle (trolley);
Support for feet and small bags;
Electric movement controlled with the feet from a seated position;
Option to control movement using a joystick.

Application field

Private transport manufacturers;
Last mile provider



Product insight

- *The use of personal vehicles for vulnerable people, especially in the post-COVID-19 era, could become an integral part of the new urban mobility scenario in smart cities. Italdesign presents its personal mobility vehicle with electric motor, also called a personal transporter. The design is practical and ergonomic in all its configurations, including handling when not in operation. (In fact, it can be pulled like a trolley by folding the frame and seat, and loaded into the trunk of a car. The vehicle is also equipped with devices that absorb shocks caused by rough terrain, guaranteeing constant passenger comfort). Completing the product are safety devices that manage the speed and direction of the vehicle, even if one or both control pedals are damaged.*



Patent Information

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National patent filings

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