

HOSS R1 - the revolution on two wheels

Thanks to its extremely compact design, the self-balancing HOSS R1 requires very little space and turns on the spot. With its large wheels and powerful motors, the device overcomes inclines, declines and obstacles with ease.

Control is by joystick and is assisted by weight shifting. Thanks to the sophisticated control system and the large number of adjustment possibilities, the vehicle can be operated safely by persons of practically any age and body size. Various driving programs allow a safe or sporty driving style.

Innovative drive concept

The harmonious control system and the intelligent drive have been completely redeveloped and are fully integrated. The joystick can be mounted either on the left or right side. A mechanical parking brake ensures safe parking by locking the wheels, even in inclined positions.

High-quality technology

The perfectly designed control system, high range and fast charging time are outstanding features of the HOSS R1. The most important components are redundantly designed and make the HOSS a safe companion. In the event of an incident, support wheels extend automatically and at lightning speed. Thanks to state-of-the-art software architecture, system adjustments and updates can be carried out via smartphone.

Outstanding design

The appearance of the HOSS R1 is pleasing due to its compact and rounded shapes. Precious woods give the device a high-quality look. The technical design is as outstanding as it is unique due to the perfectly matched and integrated components.

Individual adjustments

Thanks to the wide range of settings such as armrests, backrest, seat height or width, the vehicle can be adapted to personal requirements. The high-quality components such as JAY backrest, JAY seat cushion or armrests and footrest made of fine woods can be adjusted to your own needs or exchanged if necessary.



Technical data

<i>Maximum speed</i>	15 km/h
<i>Range</i>	30 or 60 km; depending on selected battery capacity
<i>Weight</i>	100 or 117 kg; depending on selected battery capacity
<i>Payload</i>	40 kg min. / 120 kg max.
<i>Engine</i>	2 x 1'000 Watt continuous power / 2 x 1'800 Watt peak power / recuperation
<i>Batteries</i>	Lithium-ion
<i>Charge batteries</i>	185 W (5h charging time) / 320 W (6h charging time)
<i>Dimensions</i>	67 (width) x 90 (height) x 84 cm (depth)
<i>Ground clearance</i>	8 cm
<i>Seat width</i>	40 - 46 cm
<i>Seat height</i>	54.5 – 57.5 cm (without seat cushion)
<i>Loading height</i>	65 cm with folded backrest and without armrests

All data subject to technical changes

Design / Accessories

Colour Black matt

Equipment

- Joystick mounting left or right, removable
- Operation of main driving functions via panel
- All-season tires for better grip and traction
- Electric parking stand with automatic emergency release
- Armrests removable
- Backrest JAY, foldable
- Seat cushion JAY Soft Air Combi, removable
- Footrest foldable
- Backrest, seat, footrest, armrests individually adjustable
- Front light, rear light
- Charger with CH and/or EU power cord
- Instruction manual

Accessories / optional

- Individually adapted armrests, footrest
- different back systems and seat cushions
- side pockets, front pocket, accessory pocket
- Cane holders
- ramp for easy loading into vehicle
- various rims, special paints