OBJECTIVE CHARACTERISTICS

ROBOTIC WHEEL CHAIR HEPHAESTUS

Robotic wheel chair Hephaestus represents a vehicle with an electric drive for social adaptation of people with disabilities.

COMPOSITION OF THE COMPLEX:

1	Chair of biomechanical structure with support for the lower back
2	Armrests for hands
3	Headrest
4	Footrest
5	Belts for fixing the position of the body
6	Chassis
7	Battery charger (24V/5A)
8	Intelligent lighting unit
9	Control joystick

01 **Adaptive** functions of elements

02 Accounting of **individual** characteristics

03 **Accounting** of individual characteristics

04 **Adjusting** and fixing the position

APPLICATION FIELD:

1. Independent moving indoors as well as outdoors.

2. Mobility during the whole day.

3. This verticalizer is perfect for consumers with various functional disorders, for example: cerebral palsy, acquired or inherited paraplegia, traumatic brain damage, stroke consequences, muscle disorders, muscular dystrophy, progressive multiple sclerosis, spinal malformation.

OBJECTIVE CHARACTERISTICS

ROBOTIC WHEEL CHAIR HEPHAESTUS

Robotic wheel chair Hephaestus represents a Russian manufactured vehicle with an electric drive for social adaptation of people with disabilities.

TECHNICAL CHARACTERISTICS:

Maximum travel speed	up to 9 km/h
Maximum travel range on one charge	up to 35 km
Load capacity	up to 140 kg
Height of overcome obstacles	up to 40 mm
Ground clearance	65 mm
Rotation radius	750 mm
Width of the seat	550 mm
Depth of the seat	550 mm
Length of the wheel chair	1350 mm
Height of armrests	180 – 240 mm

35 km
Travel range on one charge

6 km/h
Travel speed

140 kg
Load capacity of the wheel chair

DELIVERY SET:

1. Basic (without verticalization system).

2. Standard (with verticalization system).

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