

INSTRUCTIONS FOR USE

SPARX ONE · SPARX B

Ultralight custom-made active wheelchairs



SPARX ONE



SPARX B

MANUFACTURER

SPARX sp. z o.o.

Rondo Daszyńskiego 1
00-843 Warsaw, Poland

INTRODUCTION

Read these instructions carefully before using the wheelchair. Improper use of the wheelchair may result in injury or damage to the wheelchair. If any part of the instructions, precautions or warnings is unclear, contact your supplier for a full explanation.

Wheelchairs enable people with limited mobility to move in a seated position. They consist of supporting and stabilising components (seat, backrest, footrest) and mobility components (wheels, handrims, wheel locks). The wheelchair can be propelled independently by the user or with the assistance of a caregiver, making everyday activities easier.

When selecting a wheelchair, the user's age, body dimensions, body weight, physical and mental condition, and living conditions should be taken into account.

Thanks to the many configurations and accessories available, the wheelchair can be used by people with disabilities resulting from paralysis, lower-limb amputation, injuries, balance disorders, muscular diseases or other conditions that limit mobility.

SPARX ONE and SPARX B are custom-made medical devices. This means that each device is manufactured in accordance with a medical prescription issued by a person authorised under national law on the basis of their professional qualifications, who specifies, under their own responsibility, the specific design characteristics of the device. The device is intended exclusively for use by a specific patient to meet their individual needs.

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CHECK BEFORE USE

Perform a safety check before every use to make sure the wheelchair is in good working order and operates smoothly and safely.



MAXIMUM USER WEIGHT

100 KG



01. Tyres

Check the condition of the tyres. Make sure they are not damaged or excessively worn.



02. Wheel locks

Check both wheel locks. Make sure they work properly and hold the wheels securely.



03. Seat

Check the seat upholstery. Make sure it is not excessively worn or damaged.

CONSTRUCTION AND EQUIPMENT

PARAMETER	SPARX ONE	SPARX B
01 · FRAME AND CONSTRUCTION		
FRAME TYPE	Open	Closed
FRAME MATERIAL	Aluminium tube, Ø 32 mm	Aluminium tube, Ø 22 mm
WEIGHT	9 kg with wheels / 6 kg without wheels*	8 kg with wheels / 5 kg without wheels*
GEOMETRY	7 made-to-measure parameters (p. 5–6)	
CAMBER	2° rear wheel camber	
SIDE GUARDS	Aluminium – black or frame colour	
02 · STANDARD EQUIPMENT		
UPHOLSTERY	3D Sonic	
WHEEL LOCKS	Aluminium	
REAR WHEELS	24"	
FRONT CASTORS	4" or 5", aluminium	
FOOTREST	Tube or plate	
HANDRIMS	Standard	
03 · ADDITIONAL OPTIONS		
HANDRIMS	Tetra (rubber)	Tetra (rubber)
PUSH HANDLES	Foldable, aluminium	—

KOLORY RAMY



TAPICERKA 3D SONIC



FOOTRESTS

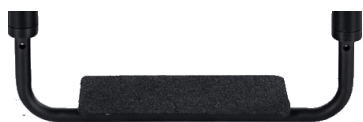


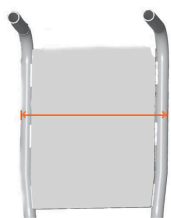
Plate footrest



Tube footrest

ADJUSTMENT RANGES · SPARX ONE

Seven parameters set individually for each order.



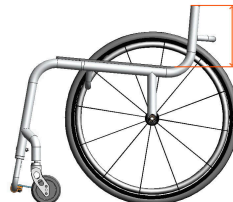
01 SEAT WIDTH

25–45 cm · every 1 cm



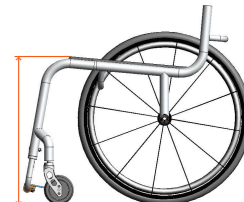
02 SEAT DEPTH

25–45 cm · every 1 cm



03 BACKREST HEIGHT

20–40 cm · every 5 cm



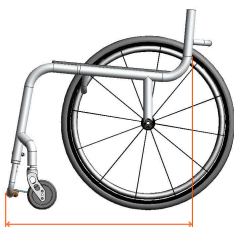
04 FRONT FRAME HEIGHT

38–52 cm · every 1 cm



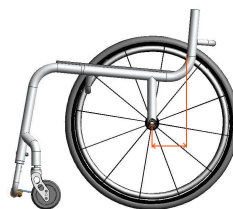
05 REAR FRAME HEIGHT

38–50 cm · every 1 cm



06 FRAME LENGTH

30–62 cm · every 1 cm



07 CENTRE OF GRAVITY

2–12 cm · every 1 cm



SPARX ONE

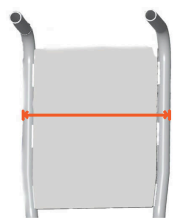
Ultralight, personalised active wheelchair with an open frame.

SPARX SP. Z O.O.

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ADJUSTMENT RANGES · SPARX B

Seven parameters set individually for each order.



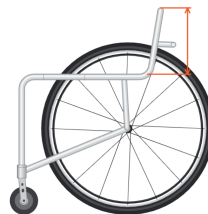
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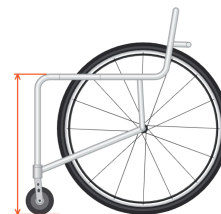
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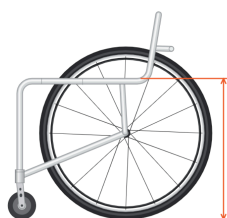
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06 FRAME LENGTH

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07 CENTRE OF GRAVITY

2–12 cm · every 1 cm



SPARX B

Ultralight, personalised active wheelchair with a closed frame.

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SAFETY RULES

Failure to follow these instructions may result in damage to the wheelchair or injury to the user.

01 · USING THE WHEELCHAIR

01. Roads

Avoid using the wheelchair on roads.

02. Surfaces

Do not use the wheelchair on sand, uneven terrain, or wet and slippery surfaces.

03. Condition

Do not use the wheelchair if it is damaged or not working properly.

04. Load

Never exceed the maximum load of 100 kg and never use the wheelchair to carry more than one person.

05. Wheels

Never attach anything to the wheels. This may damage the wheelchair, affect its balance and injure the user.

06. Motor vehicles

The wheelchair must not be used as a seat in a motor vehicle. In a collision it may be damaged and cause injury to the user or other passengers.

02 · POSITION AND TRANSFERS

01. Reaching forward

Before leaning or reaching forward, move as far back in the seat as possible and turn the front castors to face forward.

02. Footrest

Never stand on the footrest. This may cause the wheelchair to tip over and injure the user.

03. Transfers

Before transferring into or out of the wheelchair, place it on a stable, level surface and engage the wheel locks.

04. Lifts

Always engage the wheel locks when you are in a lift or on a platform lift.

05. Footrest clearance

The footrest should have a ground clearance of at least 4 cm to protect against obstacles.

06. Modifications

Unauthorised modifications or the use of parts not supplied by the supplier will void the warranty and may cause injury or damage to the wheelchair.

RAMPS AND SLOPES

Before using a ramp, be aware of your own abilities and limitations in terms of strength and endurance.

01. Consult a specialist

You and your caregiver should first consult a qualified specialist on proper wheelchair mobility techniques.

02. Assistance

Assistance is recommended when going up or down a ramp.

03. No change of direction

Avoid changing direction while descending. This may cause instability or tipping of the wheelchair.

04. Smooth start

If you must stop on a slope, avoid sudden forward movements when moving off again. Due to the rearward tilt of the wheelchair, a sudden movement may cause instability.



WARNING

Do not use the wheel locks to slow down on a descent.

The wheel locks on SPARX ONE and SPARX B are designed to hold the wheelchair stationary when parked. Using them while moving may cause sudden wheel locking, turning, tipping to the side or an abrupt stop.

MAINTENANCE AND CHECKS

01 · MONTHLY CHECKS

WHOLE CHAIR	Check for cracked parts and loose fasteners. Tighten or replace components as necessary.
WHEELS, CASTORS	Check that the wheels are not warped and the spokes are not broken. The bearings should be in good condition and the wheels should rotate freely.
FRONT FORKS	The forks should rotate freely without binding. If they bind, check the bearings and clean the fork stem housing. A nut that is too loose makes the castor flutter; one that is too tight makes steering difficult.
REAR WHEELS, AXLE	Check that the wheels are properly secured. A wobbling or loose wheel may indicate worn bearings or an unlocked quick-release axle. The axle is locked when it is fully inserted, the button protrudes and the two locking balls extend through the opposite end of the hub.
FRAME	Check that the frame is not bent or dented and that the tubes show no cracks or corrosion. If you find any problems, take the wheelchair to the service centre.

02 · ANNUAL SERVICE

We strongly recommend an annual service of the wheelchair by a qualified service provider, including a thorough inspection and any necessary maintenance and repairs.

03 · CARE

Clean metal parts with automotive wax or a similar product. If the wheelchair gets wet, dry it immediately.

Do not use abrasive cleaners, as they may scratch the frame finish.

WARRANTY 24 MONTHS

01 · WARRANTY COVERAGE

The wheelchair has been manufactured to rigorous standards and thoroughly inspected before shipment. SPARX provides a warranty against defects in materials and workmanship for **24 months from the date of purchase** as shown on the proof of purchase. Defects revealed during the warranty period will be remedied free of charge by the SPARX service – the product will be repaired or replaced at the manufacturer's discretion.

The warranty applies only to the original purchaser. The original proof of purchase must be presented before any warranty service is performed. This warranty does not exclude, limit or suspend the purchaser's statutory rights.

02 · EXCLUSIONS

USE	Damage caused by improper use, negligence, accidents, or improper operation, maintenance or storage.
WEAR	Normal wear and tear and consumable items, including rubber parts, castors, handles, upholstery and armrest pads.
MODIFICATIONS	Defects caused by unauthorised parts, accessories or repairs.
OTHER	Circumstances beyond the manufacturer's control.

03 · WARRANTY CLAIMS

Deliver the defective wheelchair to the SPARX service centre in person, by post or by courier. Enclose a completed service request form (p. 11) and a copy of the proof of purchase.

If you have any questions about the product or the warranty, contact your supplier or the manufacturer.

PRODUCENT

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SERWIS SPARX

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REQUEST FORM

Service or warranty claim. Complete legibly and enclose with the wheelchair together with a copy of the proof of purchase.

01 · CUSTOMER DETAILS

FULL NAME

PHONE

ADDRESS

E-MAIL

02 · PRODUCT DETAILS

MODEL

☐ SPARX ONE ☐ SPARX B

SERIAL NUMBER

DATE OF PURCHASE

SUPPLIER / PLACE OF PURCHASE

03 · FAULT DESCRIPTION

DESCRIPTION OF THE FAULT AND HOW IT OCCURRED

DATE THE FAULT OCCURRED

04 · REQUEST TYPE

- ☐ Warranty claim
☐ Post-warranty repair
☐ Periodic service

05 · DELIVERY METHOD

- ☐ In person
☐ By post
☐ By courier

06 · ATTACHMENTS

- ☐ Copy of proof of purchase ☐ Photos of the fault

PLACE AND DATE

LEGIBLE SIGNATURE