

SDMotionTrike

Joystick power for your all terrain trike



Steering Developments Ltd



Working in partnership
with **Mountain Trike**

Steering Developments Limited - 01442 212918

UK manufacturers of powered wheels since 1999

www.sdmotion.co.uk

SDMotionTrike

*Joystick power for your
all terrain Trike*

Wherever you are, the **SDMotion**Trike all terrain wheelchair delivers the freedom you want. Now you don't need to stick to just the pavement any longer!

Tough, powerful, and ready for anything, the SD Motion Trike is ready to go wherever you are. With front-wheel drive, deep treads and a stable base, demanding terrain is no longer a barrier. Instead, it's a journey of discovery where you make the rules.



For more information or
to arrange a **FREE** no obligation
home demonstration call us now!

01442 212918

- Speed: 0-6km/hr
- Range: 16km / 10 miles (with Ni-MH battery)
- Range: 27km / 17 miles (with Li-ion battery)
- Frame weight without system approx 20kg
- SD Motion Trike can be folded into a cube for easy transportation



Easy to operate, 5-speed Joystick controller



Highly efficient brushless motors with built-in braking function



Frame Colour and Seat Options

- Available in a range of different coloured frames.
- Higher or lower seat backrest.
- Additional seating support for comfort and stability.



Optional Extras

- **Head rest** – For additional comfort and support.
- **Raised footrest platform** – For children or those with shorter legs.
- **Luggage carrier** – For transporting bags, picnic baskets etc (shown).
- **Wheel jacks** – To assist with removal of wheels.
- **Choice of arm rests and side panels** – for added comfort.



Battery Pack

- Lithium-ion battery as standard, optional spare Ni-MH battery.
- Small and compact, range of up to 27km.
- Carry handles make removing for charging or transporting easy.
- Pull out and swap over on the go. No tools required.
- Mounted in battery bag under front of seat.



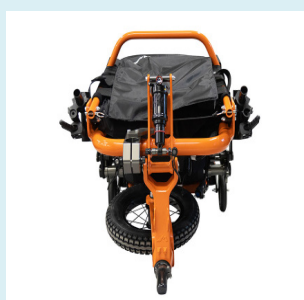
Quick Release Wheels

- Quick release wheels can be easily removed for transporting.
- 26" deep-tread puncture-resistant tyres.
- Tannus inserts as standard to minimise risk of punctures.
- Optional black wheel upgrade comes with black hubs and spokes.



Shock Absorbers

- Fitted with 3 Rock Shox air shock absorbers.
- Adjustable based on the weight of the wheelchair rider for a smoother ride over bumps.



Transportable

- Folds up in a matter of minutes to allow for transportation.
- Removing the large wheels and folding under the rear wheel makes for easy loading into car boot.
- Folded size is 87cm long x 61cm wide x 58cm high.

SDMotionTrike COMBINATIONS

WHEEL SIZE

26" STANDARD
24" OPTIONAL

MAXIMUM SPEED

6KM / HR

BATTERY

LITHIUM-ION (STANDARD):
NICKEL-METAL HYDRIDE (OPTIONAL):

WEIGHT 3.6KG, 25V X 11.8AH. 27KM (17 MILES)*
WEIGHT 2.9KG, 24V X 6.7AH. 16KM (10 MILES)*

SDMotionTrike TECHNICAL SPECIFICATIONS

FRAME

ALUMINIUM FRAME

SUSPENSION

ROCK SHOX AIR SHOCK ABSORBERS

SUPPORT

MOULDED COMFORT CUSHIONS, TENSION ADJUSTABLE SUPPORT STRAPS

WEIGHT

37.2KG (EXCLUDING PUSH HANDLE AND BATTERY)

LENGTH (FULLY ASSEMBLED)

112.5CM - 130CM (DEPENDING ON HEIGHT OF FOOTPLATE AND ANGLE OF REAR WHEEL)

OVERALL WIDTH

73CM

HEIGHT

88.5CM FROM FLOOR TO TOP OF BACKREST. 102CM FROM FLOOR TO TOP OF PUSH HANDLE

FOLDED DIMENSIONS

87CM X 61CM X 58CM

SEAT WIDTH / BACK HEIGHT

43CM / 37CM (ADJUSTABLE FORWARDS OR BACKWARDS)

TRAVEL SPEED

FORWARD TRAVEL SPEED: 1.7 - 6KM/HR. REVERSE SPEED; 1 - 3KM/HR

FOOTREST

ADJUSTABLE HEIGHT FOOTREST - 41CM TO 48CM. FLIPS UP FOR TRANSFER

ADDITIONAL CHILD/ADULT FOOTPLATE AVAILABLE

GROUND CLEARANCE

6CM - 15CM (DEPENDING ON HEIGHT OF FOOTPLATE)

RIDER

MAXIMUM WEIGHT OF RIDER IS 100KG

BATTERY CHARGER

POWER SUPPLY: AC100V TO 240V, 50/60HZ

CHARGING SYSTEM: FULLY AUTOMATIC CHARGING

CHARGING TIME: LI-ION - APPROX 4.5 HOURS. NI-MH - APPROX 2 TO 3 HOURS

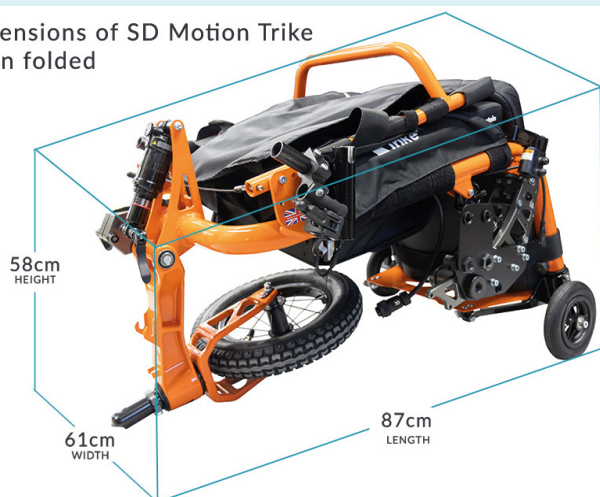
FRAME COLOUR

100+ COLOURS AVAILABLE TO CHOOSE FROM

*BASED ON 24" WHEELS, CONTINUOUS 5KM / H SPEED ON A FLAT SURFACE,
WITH FULLY CHARGED NEW BATTERY, USER WEIGHT 75KG.

SDMotionTrike

Dimensions of SD Motion Trike
when folded



LI-ION BATTERY AS STANDARD



N.B. The actual products may differ in part from the pictures and/or description due to the possible specification changes for product improvement. Due to the colour reproducing limitation of printing, the product colours in this brochure may appear slightly different from actual colours.

PRODUCT SAFETY PRECAUTIONS

- Please read the instruction manual carefully
- Practice in a spacious and safe area until you have enough confidence to operate the product
- Never use mobile phones or transceivers while in operation. If you must use these devices, park the wheelchair in a safe place and turn off the power switch
- Adhere to the safety labels indicating "Danger", "Warning" and "Caution" attached to the product to assure the safety applications



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