

SDMotionDrive COMBINATIONS

WHEEL SIZE 24"	MAXIMUM SPEED 6KM / HR	BATTERY NICKEL-METAL HYDRIDE: WEIGHT 2.9KG, 24V X 6.7AH. 16KM (10 MILES)* LITHIUM-ION: WEIGHT 3.6KG, 25V X 11.8AH. 30KM (18.1 MILES)*
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SDMotionDrive TECHNICAL SPECIFICATIONS

DRIVE SYSTEM	DIRECT REAR-WHEEL DRIVE
WEIGHT	15KG (WITHOUT BATTERY)
STEERING	USER CONTROL: JOYSTICK OPERATION ASSISTANT CONTROL: PUSH-BUTTON OPERATION
DRIVING WHEEL DIAMETER	24"
JOYSTICK CONTROLLER	RIGHT SIDE / LEFT SIDE / ATTENDANT CONTROLLER
CONTROL SYSTEM	MICROCOMPUTER CONTROL
MOTOR	30 MINUTES RATED OUTPUT: 24V, 120W X2
MANUAL / ELECTRIC MODE	SWITCHED BY HAND - DIS/ENGAGE CLUTCH LEVER
TRAVEL SPEED	FORWARD TRAVEL SPEED: 1.7 - 6KM / HR (ADJUSTABLE TO 5 LEVELS) REVERSE SPEED: 1 - 3KM / HR
MAXIMUM USER WEIGHT	125KG (INCLUDING RIDER, LUGGAGE AND FRAME)
ACTUAL CLIMBING ANGLE	6°
BATTERY CHARGER	POWER SUPPLY: AC100V TO 240V, 50/60HZ CHARGING SYSTEM: FULLY AUTOMATIC CHARGING CHARGING TIME: NI-MH - APPROX 2 TO 3 HOURS. LI-ION - APPROX 4.5 HOURS
TYRES	GREY PNEUMATIC TYRES AS STANDARD. UPGRADE TO BLACK MARATHON OR OTHER TYRE TYPES ON REQUEST

*BASED ON THE TUV TEST RESULTS WITH A FULLY CHARGED NEW BATTERY.

SDMotionDrive COMPONENTS



OPTIONAL LI-ION BATTERY



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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SDMotionDrive

Joystick power for your manual wheelchair



Steering Developments Ltd



Steering Developments Limited - 01442 212918

UK manufacturers of powered wheels since 1999

www.sdmotion.co.uk

Whether you're at home, work or out and about, the **SDMotionDrive** delivers freedom of movement right to your fingertips!

With its long-distance range and lightweight, compact design, the **SDMotionDrive** can be fitted to a whole variety of manual chairs. A practical and flexible solution that gives you maximum independence.

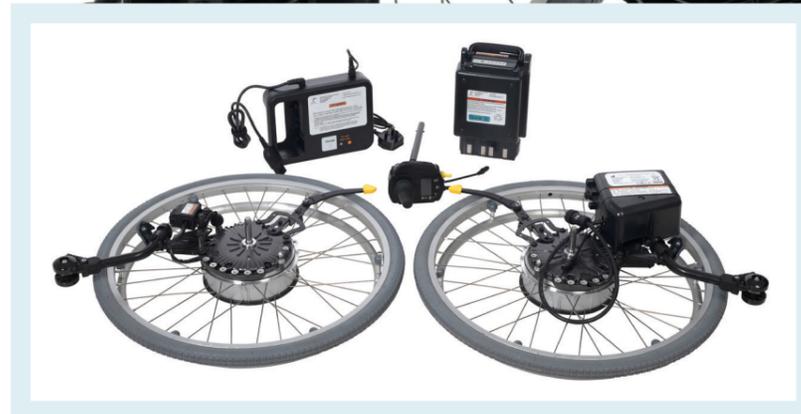


- Speed: 0-6km/hr
- Range: 16km / 10 miles (with Ni-MH battery)
- Range: 30km / 18 miles (with Li-ion battery)
- Weight with Ni-MH battery approx 17.9kg
- Weight with Li-ion battery approx 18.6kg
- Weight without the battery approx 15kg



SDMotionDrive

Joystick power for your manual wheelchair



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

01442 212918



Joystick Controller

- Easy to operate with 5 speed levels and individually adjustable driving modes to put you in total control.
- Battery level indicator and USB charging port
- Retractable arm to lower joystick controller position when sitting at a table.*

* This function is only available for a frame mounted joystick controller.



Tyre Colour Choices

- Tyres are supplied in grey as standard
- Optionally, for a small additional cost, you can specify black tyres
- Choice of run-flats and puncture-proof inserts are available



Battery Pack

- Battery pack - Small and compact with a range of up to 30km (18.1miles)
- Choice of Ni-MH (16km/10 miles) or Li-ion (30km/18.1 miles)
- Carry handles make removing for charging or transporting easy



Attendant Controller (optional)

- Allows an attendant total control of your **SDMotionDrive**.



Anti Tippers

- Prevents possible backward tipping and can be retracted when not required.



Clutch Lever

- For easy switching between manual and powered status.