

# Q500<sup>®</sup> SERIES

Make your own adventure



Q Series  
Powerchairs

Advanced Engineering. Personalised for you.



Q500 R



Q500 M



Q500 F

A man with a beard, wearing a grey long-sleeved shirt and brown trousers, is seated in a black motorized wheelchair on a grassy bank. He is holding a control panel in his hands and looking out over a large body of water towards a forested hillside under a bright, hazy sky. The sun is low on the horizon, creating a warm, golden glow. The wheelchair has orange accents on the wheels and the brand name 'QUICKIE' is visible on the backrest.

# ADVANCED ENGINEERING. PERSONALISED FOR YOU.

QUICKIE, JAY, WHITMYER and SWITCH-IT bring you the most comprehensive range of premium, innovative and technically advanced powerchairs, each created individually for you, whatever your clinical or lifestyle need.

# THE POWER OF QUICKIE®

The QUICKIE Q-series is the **most comprehensive range** of powered wheelchairs in the world! Encompassing the **most advanced drive wheel technology** and offering the very best drive traction and performance in each class, the Q-series utilises **award-winning seating** across the range to provide optimal postural support to suit the requirements of each and every user and always ensure maximum comfort.

The Q-series incorporates a comprehensive catalogue of options so that each powerchair can be tailor-made to suit the unique needs of its owner. This includes **cutting-edge electronics** and an integrated environmental interaction capability, as well as innovative special controls and mounts to provide solutions whatever the user's level of function.

**Q-series, the future of powered mobility for everyone!**

CLINICAL NEED



Q100

**SEATING**  
SEDEO SLING

**BASES**  
RWD



Q200

**SEATING**  
SEDEO SLING

**BASES**  
RWD



Q400

**SEATING**  
SEDEO LITE

**BASES**  
MWD  
FWD  
RWD



Q500

**SEATING**  
SEDEO PRO

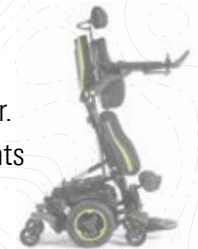
**BASES**  
MWD  
FWD  
RWD



Q700

**SEATING**  
SEDEO ERGO  
SEDEO PRO

**BASES**  
MWD  
FWD  
RWD



Q700 UP

**SEATING**  
SEDEO ERGO UP

**BASES**  
MWD  
FWD

■ RWD: Rear-Wheel Drive
 ■ MWD: Mid-Wheel Drive
 ■ FWD: Front-Wheel Drive
 ■ HWD: Hybrid-Wheel Drive

BASE PERFORMANCE

## SERIES OVERVIEW

# Q500 SERIES OVERVIEW

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The Q500 series offers the best performing drive bases in its class, all offering a rigid and responsive ride matched by increased stability over a variety of terrains. Additional enhancements mean that you will have the confidence and capability to go further than ever before.

The Sedeo Pro seating system features infinite adjustment and a multitude of options to ensure all needs are catered for, whilst providing the most bespoke fit to ensure maximum comfort.



**Q500 WITH  
SEDEO PRO**  
REAR-WHEEL DRIVE



**Q500 WITH  
SEDEO PRO**  
MID-WHEEL DRIVE



**Q500 WITH  
SEDEO PRO**  
FRONT-WHEEL DRIVE



# ROBUST OUTDOOR POWERCHAIRS

With a choice of three drive bases, the highly personalisable SEDEO<sup>®</sup> PRO seating (including JAY and WHITMYER) and a wide range of high end R-Net and SWITCH-IT control systems, you can tailor your Q500 individually to your clinical and lifestyle needs.



## **PERFORMANCE BASES**

Q500 M: Mid-wheel drive

Q500 R: Rear-wheel drive

Q500 F: Front-wheel drive

## **SEATING SYSTEMS**

SEDEO PRO

JAY & WHITMYER

## **CONTROLS & CONNECTIVITY**

VR2 control

R-NET controls

SWITCH-IT controls

LINK-IT mounting system

## **DISTINGUISHED STYLE**

STYLISH DESIGN and choice of colours

# CHOOSE YOUR BASE

## FRONT, REAR OR MID-WHEEL DRIVE

All the Q500 bases offer outstanding outdoor performance combining powerful high-torque motors, drive wheel suspension for greater comfort and traction, large wheels, speeds up to 13 kph and batteries up to 80 Ah.



The choice of a drive base affects how the chair performs in different situations and environments. The QUICKIE Q500 offers the most complete range of bases in the market so each user can select the best option based on their personal preferences, experience, clinical, lifestyle and environmental needs.

	Q500 R	Q500 M	Q500 F
<b>Driving type</b>	Rear-wheel drive	Mid-wheel drive	Front-wheel drive
<b>Turning radius</b>	950 mm	560-630 mm	735 mm
<b>Drive wheels</b>	14"	13"	14"
<b>Castor wheels</b>	9" & 10"	7"	9" & 10"
<b>Max. speed</b>	6 & 8 kph (standard), 10 & 13 kph (optional) (4 & 5 mph (standard), 6 & 8 mph (optional))		
<b>Battery size</b>	60 Ah; 80 Ah optional		
<b>Max. reversing width</b>	1285 mm	1100 mm	1240 mm
<b>Max. safe slope</b>	10°	8°	8°
<b>Max. kerb climbing</b>	100 mm with KC 80 mm without	100 mm	70 mm
<b>Colour inlay choices</b>	7 colours	7 colours	7 colours
<b>Max. range (ISO 7176-4)</b>	40 km (25mph)	40 km (25mph)	40 km (25mph)
<b>Lower seat to floor height</b>	415 mm with Tilt / 425 mm with Lift & Tilt (with 60 Ah batteries)		

**Q500 R**  
**REAR-WHEEL DRIVE**

The rear-wheel drive is a stable base which offers the best kerb climbing ability. Easy to drive, provides good control with non proportional input devices. Ideal for use outdoors over rough terrain and when climbing hills.



**Q500 M**  
**MID-WHEEL DRIVE**

Mid-wheel drives provide the best all-round base with unmatched manoeuvrability, the smallest footprint and the most compact turning circle, making it extremely intuitive to drive and control and offering excellent traction and stability indoors and out.



**Q500 F**  
**FRONT-WHEEL DRIVE**

The front-wheel drive base offers great outdoor performance with good indoors manoeuvrability and the best stability on steep declines. With a small turning circle and a compact base making it easy to navigate all environments.



## PERFORMANCE BASES

# Q500 M

## MID-WHEEL DRIVE BASE

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The new QUICKIE Q500 M base balances superb indoor manoeuvrability with outstanding outdoor performance. Its powerful motors combined with 6 wheel suspension and QUICKIE's anti-pitch technology ensure you have the most comfortable and safe driving experience.

### SUPERIOR INDOOR MANOEUVRABILITY

Enjoy great access through narrow doorways, of just 61 cm, in lifts and around confined spaces, with the compact turning radius and compact base dimensions. Easily transfer in and out, and effortlessly access vehicles and under tables with the lower than ever before seat to floor height (from 41.5 cm with powered COG Tilt, or 42.5 cm with lift and tilt).





# SUPERB OUTDOOR PERFORMANCE

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## ALL WHEELS SUSPENSION

Enjoy a smooth and stable ride, even over rough terrain, with QUICKIE's patented all-wheel suspension - six independently suspended wheels absorb all those bumps. Climb kerbs of up to 100 mm and have the best traction even when ascending gradients of up to 8 degrees.



## ANTI-PITCH TECHNOLOGY

QUICKIE's anti-pitch technology eliminates pitching on slopes, and with all your weight located directly above the drive wheel to maximise traction you've never been in a safer driving position.



## MAXIMUM FREEDOM

With ultra-reliable high torque 4-pole motors powering speeds of 6, 8, 10 or 13 kph (4, 5, 6 or 8 mph) and a choice of 60 or 80 Ah batteries to maximise your range (up to 40km (25 miles)), you can always travel in confidence with the Q500 M.

## PERFORMANCE BASES

# Q500 F

## FRONT-WHEEL DRIVE BASE

Q500 F offers a lower seat to floor height of 415 mm to provide great access to wheelchair adapted vehicles, tables and all environments you find yourself in.

### GOOD INDOOR MANOEUVRABILITY

The Q500 F, with an in-rigged castor arms design, is responsive and offers good manoeuvrability for indoor use.



# OUTSTANDING OUTDOOR PERFORMANCE

The Q500 F offers a robust design combined with advanced drive wheel suspension, spirit level technology and powerful motors to ensure a smooth and stable ride in any terrain.



## ADVANCED DRIVE WHEEL SUSPENSION

With the Full Track Suspension System you can overcome any obstacle and barely feel it. Together with the spirit level technology, it will ensure you have a smooth and comfortable ride on any terrain!



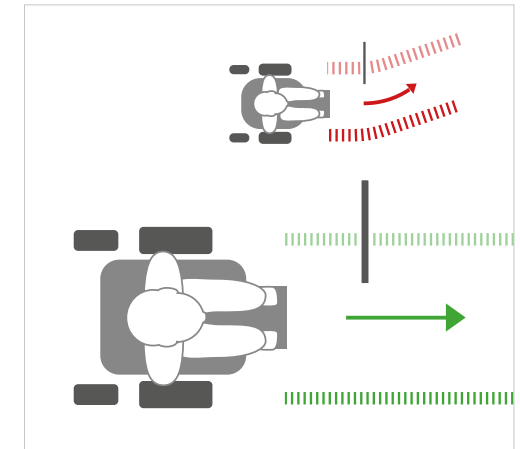
## SPIRIT LEVEL TECHNOLOGY

Enjoy maximum traction thanks to the unique spirit level technology. Both drive wheels are connected by a pivot bar that absorbs the natural pull to one side when travelling across cambers and around corners at speed, so both wheels keep maximum traction at all times.



## MAXIMUM FREEDOM

With large wheels, powerful high torque 4-pole motors powering speeds of 6, 8, 10 or 13 kph (4, 5, 6 or 8 mph) and a choice of 60 or 80 Ah batteries to maximise your range (up to 40km (25 miles)), you can always travel in confidence with the Q500 F.



## KEEP ON TRACK WITH GYRO-CONTROL

The optional Gyro-Tracking System automatically detects and corrects the smallest deviation from your direction. By providing a pin-point accurate drive, it will reduce the number of physical or cognitive actions required to keep you on-track – making for a less-demanding drive (especially if using special controls).

## PERFORMANCE BASES

# Q500 R

## REAR-WHEEL DRIVE BASE

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Q500 R offers a lower seat to floor height of 415 mm to provide good access to wheelchair adapted vehicles and tables.

## EASY AND INTUITIVE

Q500 R delivers an easy to handle and intuitive drive due to the drive wheel position.



# BUILT FOR OUTDOOR PERFORMANCE



## FULL TRACK SUSPENSION

With the Full Track Suspension System you can overcome any obstacle and barely feel it. Together with the spirit level technology, it will ensure you a smooth and comfortable ride on any terrain!



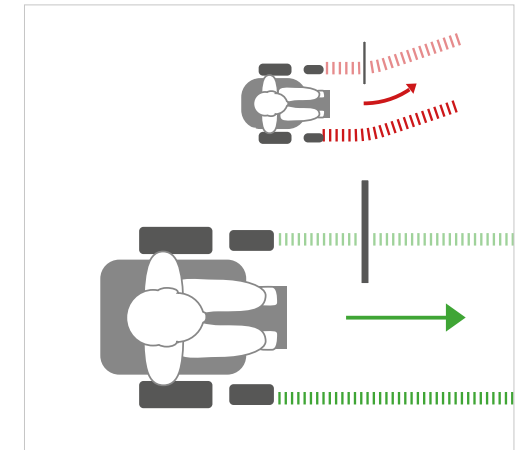
## SPIRIT LEVEL TECHNOLOGY

Maximum traction thanks to the unique spirit level technology. Both drive wheels are connected by a pivot bar that absorbs the natural pull to one side when travelling across cambers and around corners at speed, so both wheels keep maximum traction at all times.



## MAXIMUM FREEDOM

With large wheels, powerful high torque 4-pole motors powering speeds of 6, 8, 10 or 13 kph (4, 5, 6 or 8 mph) and a choice of 60 or 80 Ah batteries to maximise your range (up to 40 km (25 miles)), you can always travel in confidence with the Q500 R.



## KEEP ON TRACK WITH GYRO-CONTROL

The optional Gyro-Tracking System automatically detects and corrects the smallest deviation from your direction. By providing a pin-point accurate drive, it'll reduce the number of physical or cognitive actions required to keep you on-track – making for a less-demanding drive (especially if using special controls).

# SEDEO PRO

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The SEDEO PRO seating system combines a highly adjustable and configurable seating frame with the broadest choice of support and positioning options. Through the sheer number of options available, SEDEO PRO seating can be completely tailored to the individual.

Once the SEDEO PRO system is tailored to you it becomes an extension of your anatomy, making it supremely comfortable.

## QUICK & EASY TO ADJUST

The SEDEO PRO frame offers great flexibility as it is fully adjustable. All adjustments can be done in a very quick and easy way using just one tool, even whilst in the chair. It can be easily personalised to suit individual requirements and quickly adapted should your needs change.



# TAILORED SEATING

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## Flexible back cushion

Discover the new powered recline backrest with 100 mm of anti-shear. A wide range of wheelchair seat cushions and backrest cushions are available for the SEDEO PRO seating system, including the flexible back cushion with adjustable straps and lateral support for unique comfort and easy positioning. This back forms to the shape of you.

## Power elevating legrest

The power elevating and length compensating legrest allows you to reach the best position. It is available as a centre mount and a swing away version. You can also choose from a standard centre mount or 70° swing away legrest and a manual elevating swing away legrest.

## Anti-shear backrest

Discover the new powered recline backrest with 100 mm anti-shear. This makes sure that there is no sliding between you and the cushion and opens to 30°. Combine this with an elevating legrest to achieve a sleeping position.

## Positioning elements

Many positioning elements are available like SEDEO headrests & WHITMYER headrests, swing away lateral thoracic supports, thigh supports or knee supports. All positioning elements are easy to swing away or detach for ease of transfers.

## Flip back armrests

The easy to operate flip back armrest gives you free transfer space. You can choose from a removable or reclining version. Also available: single post removable armrest. All compatible with 5 different armpad options.





# JAY<sup>®</sup> & WHITMYER<sup>®</sup> POSITIONING OPTIONS

A wide range of WHITMYER headrests and JAY cushions and backs are available with the SEDEO ERGO, SEDEO ERGO UP and also with SEDEO PRO seating systems to meet everyone's clinical needs and ensure we offer the best seating possible.

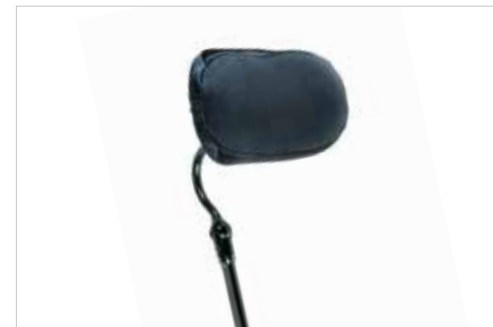


## WHITMYER HEADRESTS

Created to address a range of user needs from basic support to multiple-point control. WHITMYER headrests come in a variety of pad shapes and sizes for superior head positioning and comfort.

## JAY CUSHIONS & BACKS

Designed for pelvic stability, skin protection and comfort, JAY cushions and backs are low maintenance, highly personalisable and available in a large variety of sizes and options to meet your needs and requirements.





**QUICKIE**



## DESIGN AND APPEARANCE

# DISTINGUISHED STYLE

With the Q500 series, we've taken style to the next level. With a matt-black chassis finish, hidden wiring and components combined with sharp-tailored upholstery, it's a sleek and contemporary design.

### Fancy a change?

The Q500 series with SEDEO PRO, also come with a choice of 7 contemporary colour inlays to perfectly complement its striking matt-black bodywork. Simply replace the colour inlays. Styling your powered wheelchair has never been so simple.



CONTROLS & CONNECTIVITY

# CONTROL AT YOUR FINGERTIPS

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Be the master of your environment with the Q500 Series and its advanced controller technology. Not only can you control your Q500 the way you want, but also your household appliances, phones and computers.



# VR2 & R-NET

## ADVANCED JOYSTICK

Every Q500 comes with a choice of the reliable VR2 control and the superior R-Net advanced joystick. A large, easy-to-read HD display and simple to control paddle switches allow for intuitive operation.

### CONNECT

Seamlessly take control of your environment using the integrated Infrared functionality. Control your home entertainment system, TVs, DVDs, docking stations and other home entertainment systems simply through your joystick.

### BLUETOOTH & IDRIVE

Control your phone, computer, tablet and any other Bluetooth and i-devices with this useful optional extra. Connect and control up to four devices.

### QUICKIE'S PATENTED ASSIGNABLE BUTTONS

Change the function on any button on your joystick to any command you desire, thanks to QUICKIE's patented assignable buttons. You can also assign a second (long press) function to buttons, giving you quicker, simpler and smoother access to functions you commonly use without having to use your joystick.





## ELEVATE AND *DRIVE WITH C-ME*

Say goodbye to waiting around or driving at reduced speed when elevated. With C-Me, you can raise up to 300 mm and drive up to 4.8 kph all at the same time! Now you can keep up with your friends at their pace and be at eye-level all with a touch of a button (with no need to stop).



Scan the QR code with your phone to learn more about C-Me Technology with our informative video



### **RAISING COMFORT WHEN DRIVING ELEVATED**

Unlike other powerchairs, our suspension doesn't lock-out when using C-Me. So you get the same smooth and comfortable ride over uneven terrain, even when elevated! Plus, anti-pitch technology will keep you safe and stable on inclines too.



### STOP SWITCH FOR ADDED SAFETY

There's safety in stopping. Our added remote stop switch allows an attendant to stop a powered wheelchair via an RF remote from up to 30 meters away. Operating distance dependent on the environment.



### ELEVATE WHILST DRIVING WITH ASSIGNABLE BUTTONS

Fed up of complex joystick movements or having to stop to use your seat lift? With our **PATENTED** assignable buttons, you can change any button (or assign a second, long-press function) to activate C-ME (even when driving).



# TECHNICAL DATA / Q500 R - Q500 M - Q500 F WITH SEDEO PRO

	Q500 R	Q500 M	Q500 F		Q500 R	Q500 M	Q500 F
<b>Max. user weight</b>	160 kg	160 kg	160 kg	<b>Max. speed</b>	13 kph (8 mph)	13 kph (8 mph)	13 kph (8 mph)
<b>Seat width</b>	380-560 mm	380-560 mm	380-560 mm	<b>Battery size</b>	60 Ah; 80 Ah	60 Ah; 80 Ah	60 Ah; 80 Ah
<b>Seat depth</b>	400-600 mm	400-600 mm	400-600 mm	<b>Electronics</b>	VR2, R-Net	VR2, R-Net	VR2, R-Net
<b>Seat height</b>	415-490 mm	415-490 mm	415-490 mm	<b>Turning radius</b>	950 mm	560-630 mm	735 mm
<b>Backrest height</b>	530-720 mm	530-720 mm	530-720 mm	<b>Max. reversing width</b>	1285 mm	1100 mm	1240 mm
<b>Total width</b>	640 mm	610-620 mm	640 mm	<b>Max. safe slope</b>	10°	8°	8°
<b>Total length</b>	Max. 1180 mm	Max. 1280 mm	Max. 1340 mm	<b>Max. kerb climbing</b>	80 mm (100 mm with KC)	75 mm	70 mm
<b>Total height</b>	Max. 1400 mm	Max. 1400 mm	Max. 1400 mm	<b>Drive wheels</b>	14"	13"	14"
<b>Powered recline</b>	90°-150°	90°-150°	90°-150°	<b>Castor wheel options</b>	9"-10"	7"	9"-10"
<b>Anti-shear back movmt.</b>	100 mm (optional)	100 mm (optional)	100 mm (optional)	<b>Colour inlay choices</b>	7 Colour Accents	7 Colour Accents	7 Colour Accents
<b>Tilt angle</b>	30°/50°	30°/50°	30°/50°	<b>Max. range (ISO 7176-4)</b>	Max. 40 km (25 mph)	Max. 40 km (25 mph)	Max. 40 km (25 mph)
<b>Seat functions</b>	Tilt, Lift & Tilt, Recline	Tilt, Lift & Tilt, Recline	Tilt, Lift & Tilt, Recline	<b>Wheelchair weight</b>	From 133 kg	From 130 kg	From 133 kg
<b>Crash tested</b>	Yes - approved for forward facing transport in a vehicle (ISO 7176-19). Attachment: 4 chair fixing points with 2 double straps rear & 2 single straps front. Overall rating of belt restraint accommodation according ISO 7176-19:2008 Annex D=A. No anchored belt restraints allowed. The ease of access and manoeuvrability in vehicles depends on the wheelchair size.			<b>Transport without user</b>	Fix the wheelchair safely in the vehicle (e.g. car or plane).		
				<b>Intended use and environment</b>	For people with limited mobility; self-propelling or being pushed by an assistant, indoor and outdoor use. Wheelchair type class B.		



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For further information on the full specification, options and accessories, please refer to the order form. All information is subject to change without notification. Please consult Sunrise Medical with any queries you may have.

If you are visually impaired, this document can be viewed in PDF format at [www.sunrisemedical.co.uk](http://www.sunrisemedical.co.uk)

