

# Q500<sup>®</sup> SERIES

Make your own adventure



Q Series  
Powerchairs

Advanced Engineering. Customised for you.



Q500 R



Q500 M



Q500 F



Q500 H



A man with a beard, wearing a grey sweater and brown trousers, is seated in a black and silver motorized wheelchair. He is holding a small electronic device in his hands and looking out over a calm lake. The sun is low on the horizon, creating a warm, golden glow and reflecting on the water. The background features a line of trees and distant hills under a clear sky. The wheelchair has the brand name 'QUICKIE' visible on the backrest.

# ADVANCED ENGINEERING. CUSTOMISED FOR YOU.

QUICKIE®, SEDEO®, 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

A complete power range from basic mobility to complex rehab.  
Whatever you need - without compromise.

CLINICAL NEED



**Q100**

**SEATING**  
SLING SEAT

**BASES**  
RWD



**Q200**

**SEATING**  
SLING SEAT

**BASES**  
RWD



**Q300**

**SEATING**  
SEDEO LITE

**BASES**  
MWD



**Q400**

**SEATING**  
SEDEO PRO  
SEDEO LITE

**BASES**  
MWD  
FWD  
RWD



**Q500**

**SEATING**  
SEDEO PRO

**BASES**  
MWD  
FWD  
RWD  
HWD



**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



# Q500 SERIES OVERVIEW

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Resulting from years of experience of market leading drive bases, seating and advanced electronics, QUICKIE® introduces the QUICKIE Q500 Series. Explore the outdoors with the Q500 and make your own adventure!

**Q500** WITH  
SEDEO PRO

MID-WHEEL DRIVE



REAR-WHEEL DRIVE



FRONT-WHEEL DRIVE



HYBRID-WHEEL DRIVE





# ROBUST OUTDOOR POWERCHAIRS

With a choice of four drive bases (all of them with advanced suspension technologies and powerful motors), the highly customisable SEDEO® PRO seating and a wide range of high end R-Net and SWITCH-IT controls, you can tailor your Q500 individually to you whatever your clinical and lifestyle needs are.



## PERFORMANCE BASES

Q500 M: Mid-wheel drive

Q500 R: Rear-wheel drive

Q500 F: Front-wheel drive

Q500 H: Hybrid-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, MID OR HYBRID-WHEEL DRIVE

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

	Q500 R	Q500 M	Q500 F	Q500 H
Driving type	Rear-wheel drive	Mid-wheel drive	Front-wheel drive	Hybrid-wheel drive
Turning radius	950 mm	560-630 mm	735 mm	910 mm
Drive wheels	13" & 14"	13"	13" & 14"	13" & 14"
Castor wheels	9" & 10"	7"	9"	9" (Front) / 4" (Rear)
Max. speed	6, 8, 10 & 12.5 kph optional			
Battery size	50 Ah, 60 Ah & 80 Ah optional			
Max. reversing width	1258 mm	1100 mm	1240 mm	1260 mm
Max. safe slope	10°	6°	6°	10°
Max. kerb climbing	100 mm with KC 80 mm without	50 mm	70 mm	85 mm
colour inlay choices	7 colours	7 colours	7 colours	7 colours
Max. range (ISO 7176-4)	40 km	40 km	40 km	40 km
Lower seat to floor height	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 with good kerb climbing ability.

Easy to drive, provides good control with non proportional input devices.



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

Mid-wheel drives offer unmatched manoeuvrability, with a smaller footprint than rear or front, it offers the most compact turning circle and is extremely intuitive to drive and control.



# CHOOSE YOUR BASE

## FRONT, REAR, MID OR HYBRID-WHEEL DRIVE

All the Q500 bases offer outstanding outdoor performance combining powerful 4 torque motors, drive wheel suspension for great comfort and traction, large wheels, speeds up to 12.5 kph and batteries up to 80 Ah.

### Q500 F FRONT-WHEEL DRIVE

The front-wheel drive base offers great outdoor performance with good indoors manoeuvrability, and best stability on steep declines. Could require more experience to drive.



### Q500 H HYBRID-WHEEL DRIVE

The hybrid-wheel drive base is a unique blend of rear-wheel drive and mid-wheel drive technology delivering impressive outdoor performance coupled with indoor manoeuvrability and exceptional comfort.









## 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 wheels suspension and QUICKIE's anti-pitch technology, will ensure you have the most comfortable and safe driving experience.

### SUPERIOR INDOOR MANEUVERABILITY

Great access through narrow doorways of only 61 cm, in lifts and around confined spaces, with the compact turning radius and base dimensions. Easily transfer into and out, 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 & 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 6°.



## 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 12.5 kph and a choice of 50, 60 or 80 Ah batteries to maximize your range, you can always travel in confidence with the Q500 M.

## PERFORMANCE BASES

# Q500 F

## FRONT WHEEL DRIVE BASE

Q500 F, with in-rigged castor arms design, is responsive and offers good maneuverability for indoor use. Q500 F offers a lower seat to floor height of 415 mm to provide good access to wheelchair adapted vehicles tables, and many more.

## EASY AND INTUITIVE

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





# OUTSTANDING OUTDOOR PERFORMANCE



## ADVANCED DRIVE WHEEL SUSPENSION

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



## LEVELLER TECHNOLOGY

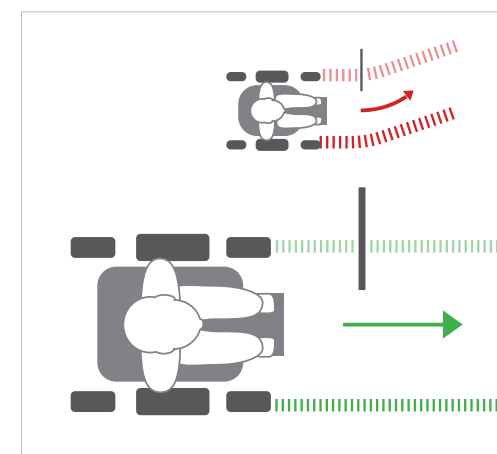
Maximum traction thanks to the unique leveller technology. Both drive wheels are connected by a pivot bar that absorbs the natural pull to one side when travelling across cambers and round corners at speed so both wheels keep maximum traction at any time.

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



## MAXIMUM FREEDOM

With large wheels, powerful high torque 4-pole motors powering speeds of 6, 8, 10 or 12.5 kph and a choice of 50, 60 or 80 Ah batteries to maximize your range, you can always travel in confidence with the Q500 F and 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).

## PERFORMANCE BASES

# Q500 R

## REAR WHEEL DRIVE BASE

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Q500 R offers a lower seat to floor height of 415 mm you can access your wheelchair chair adapted vehicle too and many more

## EASY AND INTUITIVE

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





# BUILT FOR OUTDOOR PERFORMANCE

The Q500 R Robust design combined with the unparalleled performance of Full Track Suspension System, leveller technology and built in traction control you don't need to compromise on a smooth, stable ride with full control of your chair at all times.



## FULL TRACK SUSPENSION

With the Full Track Suspension System you can overcome any obstacle and barley feel it together with the leveller technology will ensure you a smooth and comfortable ride in any terrain!



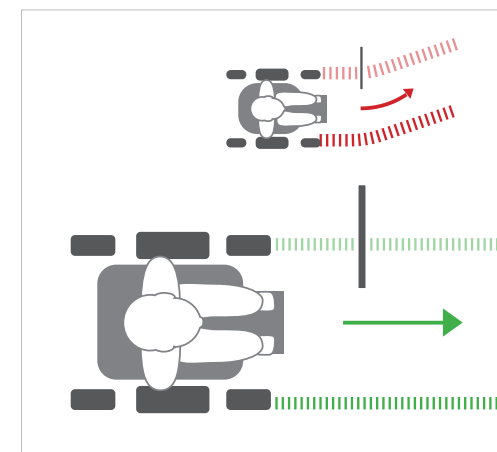
## LEVELLER TECHNOLOGY

Maximum traction thanks to the unique **Leveller technology**. Both drive wheels are connected by a pivot bar that absorbs the natural pull to one side when travelling across cambers and round corners at speed so both wheels keep maximum traction at any time



## MAXIMUM FREEDOM

With large wheels, powerful high torque 4-pole motors powering speeds of 6, 8, 10 or 12.5 kph and a choice of 50, 60 or 80 Ah batteries to maximize your range, 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).

## PERFORMANCE BASES

# Q500 H

## HYBRID WHEEL DRIVE BASE

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The hybrid drive base combines the greater indoor manoeuvrability of a mid-wheel drive base with the outdoor performance of a rear wheel drive base. Enjoy the extraordinary comfort our Q500 M offers but also the greater stability you would experience in a Q500 R. All of these benefits go hand in hand with the superior seating offered by our SEDEO PRO system.

The Q500 H is available with a 4-pole motor, offering a maximum speed of 6, 8, 10 or 12.5 kph and greater power to climb obstacles.





# IMPRESSIVE OUTDOOR PERFORMANCE



## STABLE RIDE PERFORMANCE

The Q500 H's fixed front castor arms prevent the chair from tipping forward whilst the dynamic suspension system keeps both drive wheels and castors in contact with the ground. Intelligent, active anti-tips ensure that all 6 wheels remain in contact with the ground for enhanced traction and stability.



## INCREASED MANOEUVRABILITY

Unlike conventional rear-wheel drive bases the Q500 H SEDEO PRO's new drive wheel position ensures a smaller turning radius for increased indoor manoeuvrability but without compromising on stability and outdoor performance.



## MAXIMUM FREEDOM

With large wheels, powerful high torque 4-pole motors powering speeds of 6, 8, 10 or 12.5 kph and a choice of 50, 60 or 80 Ah batteries to maximize your range, you can always travel in confidence with the Q500 R.



## EXCEPTIONAL COMFORT

The innovative, dynamic suspension system actively absorbs impacts over thresholds and rough terrain to enhance ride comfort, seat stability and reduce fatigue and ultimately extend the time a user can sit in the chair.



# CHOOSE YOUR SEATING:

## SEDEO PRO

	SEDEO PRO
User clinical need	Medium to High
Seat width	380-560 mm
Seat depth	400-560 mm
Backrest height	440-560 mm
Configurability	High
Standing function	—
Lay down position	—
Programmable seating	—
Powered recline	90°/150°-90°/150° Biomech.
Anti-shear back movement	100 mm (optional)
Pressure release reminders	—
Tilt angle	30°/50°
Lift	300 mm
JAY & WHITMYER compatibility	✓
Remote Seating app	—
Max. user weight	160 kg



### SEDEO PRO

High-end fully adjustable and configurable seating frame with a wide range of comfort cushions and positioning options. With a wide range of armrests, armpads, legrests, seat and back cushions, headrests and positioning accessories, SEDEO PRO offers great flexibility to adapt to the individual user needs.





# SEDEO PRO

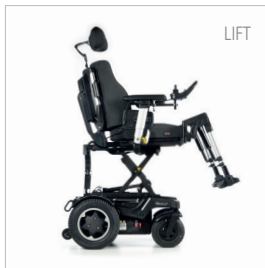
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The SEDEO PRO seating system combines a highly adjustable and configurable seating frame with an excellent choice of support and positioning options, including a wide range of SEDEO PRO seat cushions and backrests for mild to medium clinical needs.

The SEDEO PRO is very comfortable to use and enhances user independence in everyday life.

## 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 with the user in the chair. It can be easily customised to suit individual requirements and quickly adapted to changing needs.



# HIGHLY CUSTOMISABLE SEATING

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## **Anti-shear backrest**

Discover the new powered recline backrest with 100 mm anti-shear - makes sure that there is no sliding between you and the cushion. Additionally the SEDEO PRO is available with a fixed backrest or two other reclining backrest options: Mechanical and with actuators.

## **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. Additionally you can also choose from a standard centre mount or 70° swing away legrest and a manual elevating swing away legrest.

## **Flexible back cushion**

A wide range of wheelchair seat cushions and backrest cushions is available for the SEDEO PRO seating system, including the flexible back cushion with adjustable straps and lateral support - for unique comfort and easy positioning.

## **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 easily swing away or detachable.

## **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 armpad options.



SEATING SYSTEMS



# JAY® & WHITMYER® POSITIONING OPTIONS

A wide range of WHITMYER headrests and JAY cushions are available and compatible with the SEDEO PRO frame to meet higher 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 customisable and are available in a large variety to meet your needs.





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.





# SWITCH-IT®

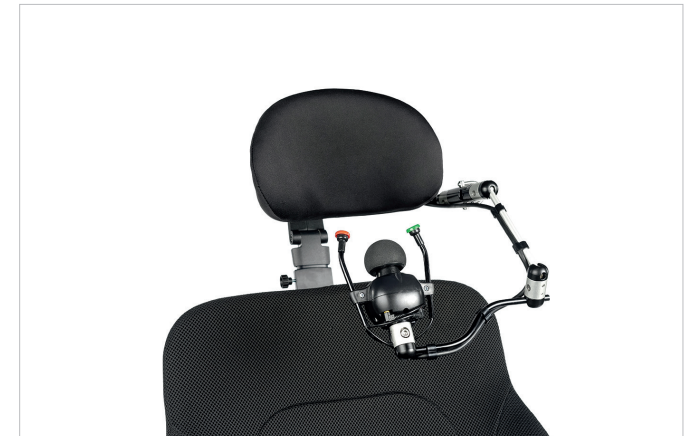
## INNOVATIVE CONTROLS

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Conveniently access your 5 programmable positions with the Ctrl+5 – a perfect combination with Memory Seating. It allows you to go straight to the function you need at the touch of a button.

### ALTERNATIVE DRIVE CONTROLS

If driving with a traditional joystick is not the best option, alternative drive controls allow you to fully experience your chair's driving capabilities and benefits.



# LINK-IT MOUNTING SYSTEM

Need to use additional switches or special controls? No problem, easily connect them using the universal Link-It Mounting System.

By using a combination of available modules and rods, you can create an endless number of combinations to accommodate what you need. Not only is it easy to position, Link-It also ensures the minimalistic, clean design of your wheelchair isn't compromised by additional controls. So whether it's an extra controller on the armrest, a push button on the backrest or a switch on the headrest, just link it.







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.





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

Q500 R/M/F w/SEDEO PRO		Q500 R	Q500 M	Q500 F	Q500 H
		<b>Max. speed</b>	12.5 kph	12.5 kph	12.5 kph
<b>Max. user weight</b>	160 kg	<b>Battery size</b>	50/60/80 Ah	50/60/80 Ah	50/60/80 Ah
<b>Seat width</b>	380-560 mm	<b>Electronics</b>	VR2, R-Net	VR2, R-Net	VR2, R-Net
<b>Seat depth</b>	400-560 mm	<b>Turning radius</b>	950 mm	560-630 mm	735 mm
<b>Seat height</b>	415-490 mm	<b>Max reversing width</b>	1258 mm	1100 mm	1240 mm
<b>Backrest height</b>	440-620 mm	<b>Max. safe slope</b>	10°	6°	6°
<b>Total height</b>	Max. 1400 mm	<b>Max. kerb climbing</b>	80 mm (100 mm with KC)	50 mm	70 mm
<b>Powered recline</b>	90°-150°	<b>Drive wheels</b>	13" / 14"	13"	13" / 14"
<b>Antishear back movmt.</b>	100 mm (optional)	<b>Castor wheel options</b>	9" - 10"	7"	9"
<b>Tilt angle</b>	30°/50°	<b>Colour inlay choices</b>	7 Colour Accents	7 Colour Accents	7 Colour Accents
<b>Seat functions</b>	Tilt, Lift&Tilt, Recline	<b>Total base width</b>	Max. 640 mm	Max. 620 mm	Max. 640 mm
<b>Crash tested</b>	<p>Yes - approved for forward facing transport in a vehicle (ISO 7176-19). Attachment: 4 chair fixing points with 2 double straps rear &amp; 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.</p>	<b>Total length</b>	Max. 1370 mm	Max. 1280 mm	Max. 1340 mm
		<b>Max. range (ISO 7176-4)</b>	Max. 40 km	Max. 40 km	Max. 40 km
		<b>Wheelchair weight</b>	From 133 kg	From 130 kg	From 133 kg
		<b>Transport without user</b>	Fix the wheelchair safe 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.

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