Q500® SERIES

Make your own adventure

QUICKIE®
Live without limits.

Q Series
Powerchairs

Advanced Engineering. Customised for you.



Q500 R



Q500 M



Q500 F



ADVANCED ENGINEERING. CUSTOMISED 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	BASES
SEDEO SLING	RWD



Q200

SEATING	BASES
SEDEO SLING	RWD



Q400

SEATING	BASES
SEDEO LITE	MWD FWD RWD



Q500

SEATING	BASES
SEDEO PRO	**MWD** **FWD** **RWD**



Q700

SEATING	BASES
SEDEO ERGO SEDEO PRO	MWD FWD RWD



Q700 UP

SEATING	BASES
SEDEO ERGO UP	MWD FWD

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

BASE PERFORMANCE

Q500 SERIES OVERVIEW

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 customizable SEDEO® 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

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.

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.



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



Q500 M
MID-WHEEL DRIVE BASE

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



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.

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.



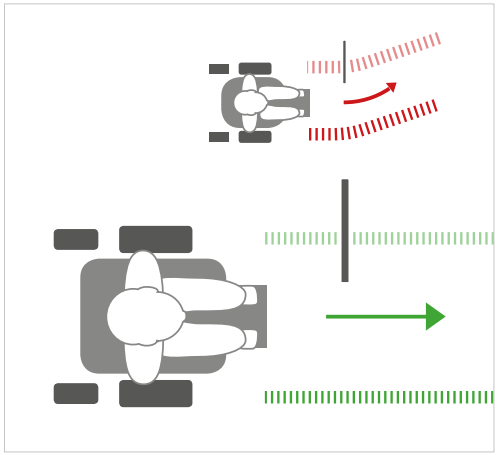
OUTSTANDING OUTDOOR PERFORMANCE

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 any time.

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).

Q500 R
REAR-WHEEL DRIVE BASE

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.



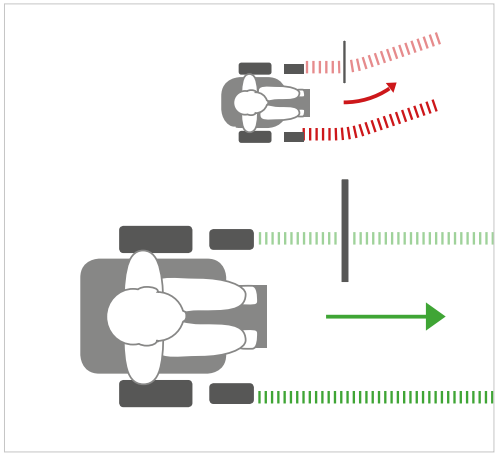
BUILT FOR OUTDOOR PERFORMANCE

The robust design of the Q500 R combined with the unparalleled performance of Full Track Suspension System, spirit level 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 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 any time

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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

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 customised to suit individual requirements and quickly adapted should your needs change.







TAILORED SEATING



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® & WHITMYER®
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

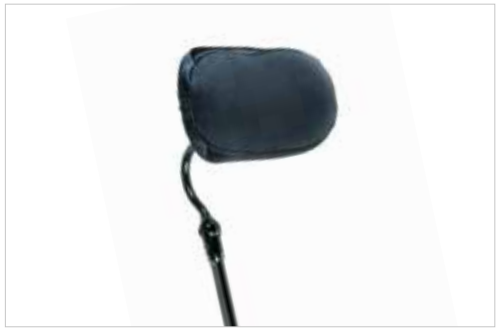
Created to address a range of user needs from basic support to multiple-point control. WHITMYER headrests come in a variety of pad shapes and sizes for superior head positioning and comfort.

JAY CUSHIONS & BACKS

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










QUICKIE



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.

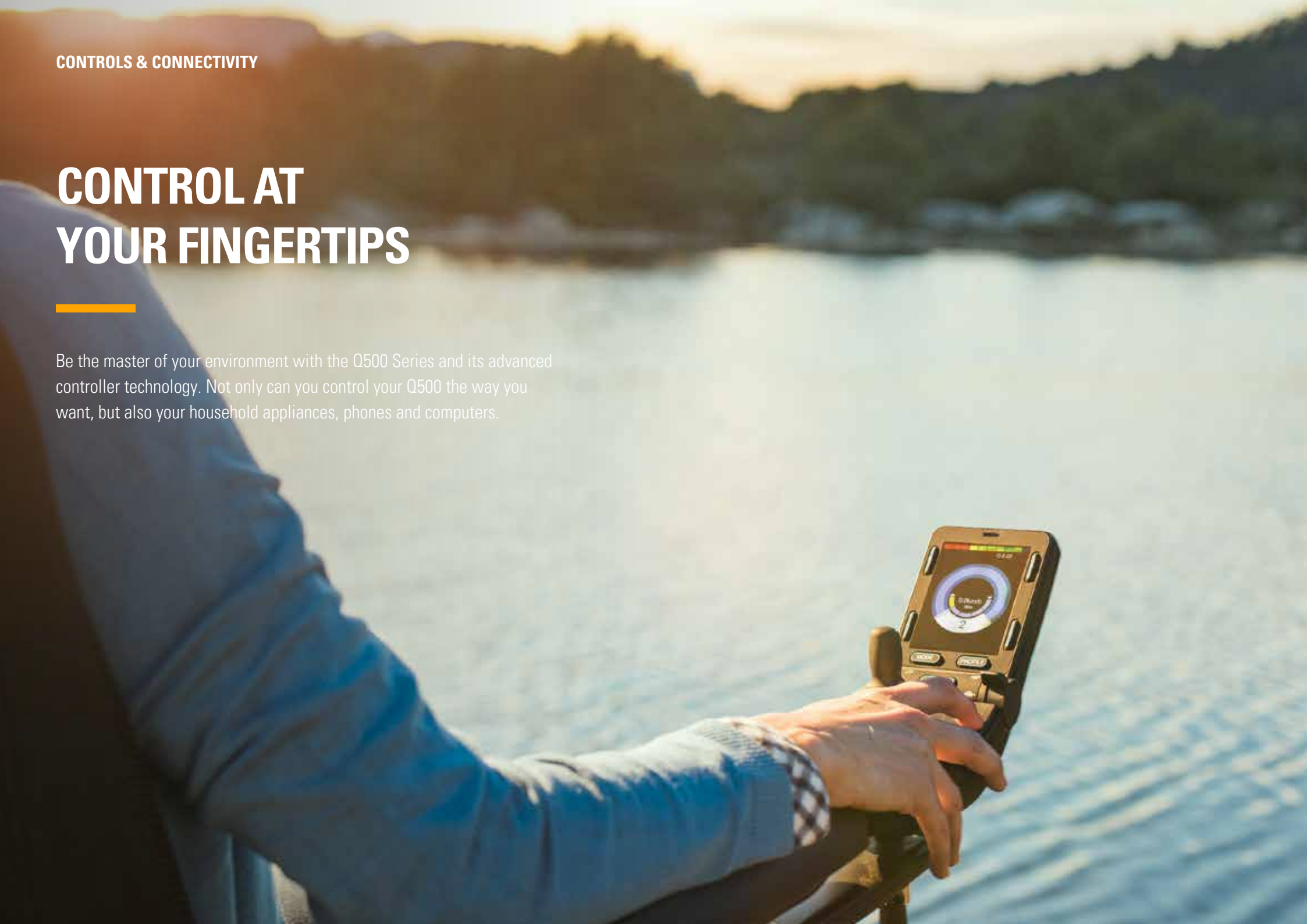


Fancy a change?

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.

CONTROL AT YOUR FINGERTIPS

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



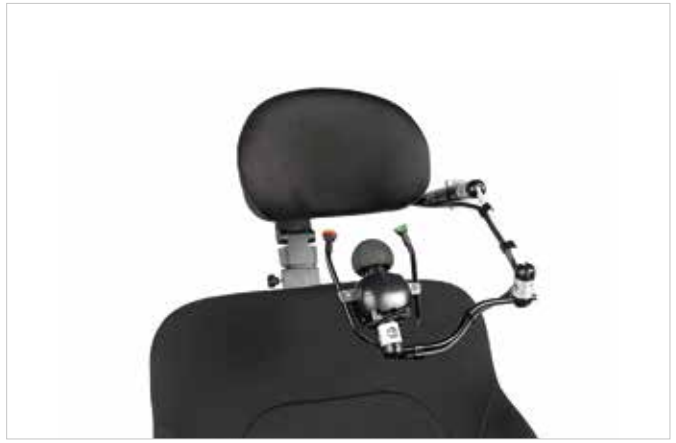
Conveniently access your 5 programmable positions with the Ctrl+5. It allows you to go straight to the function you need at the touch of a button.

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.







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

	Q500 R	Q500 M	Q500 F
Max. user weight	160 kg	160 kg	160 kg
Seat width	380-560 mm	380-560 mm	380-560 mm
Seat depth	400-600 mm	400-600 mm	400-600 mm
Seat height	415-490 mm	415-490 mm	415-490 mm
Backrest height	530-720 mm	530-720 mm	530-720 mm
Total width	640 mm	610-620 mm	640 mm
Total length	Max. 1180 mm	Max. 1280 mm	Max. 1340 mm
Total height	Max. 1400 mm	Max. 1400 mm	Max. 1400 mm
Powered recline	90°-150°	90°-150°	90°-150°
Anti-shear back movmt.	100 mm (optional)	100 mm (optional)	100 mm (optional)
Tilt angle	30°/50°	30°/50°	30°/50°
Seat functions	Tilt, Lift & Tilt, Recline	Tilt, Lift & Tilt, Recline	Tilt, Lift & Tilt, Recline
Crash tested	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.		

	Q500 R	Q500 M	Q500 F
Max. speed	13 kph (8 mph)	13 kph (8 mph)	13 kph (8 mph)
Battery size	60 Ah; 80 Ah	60 Ah; 80 Ah	60 Ah; 80 Ah
Electronics	VR2, R-Net	VR2, R-Net	VR2, R-Net
Turning radius	950 mm	560-630 mm	735 mm
Max. reversing width	1285 mm	1100 mm	1240 mm
Max. safe slope	10°	8°	8°
Max. kerb climbing	80 mm (100 mm with KC)	100 mm	70 mm
Drive wheels	14"	13"	14"
Castor wheel options	9"-10"	7"	9"-10"
Colour inlay choices	7 Colour Accents	7 Colour Accents	7 Colour Accents
Max. range (ISO 7176-4)	Max. 40 km (25 mph)	Max. 40 km (25 mph)	Max. 40 km (25 mph)
Wheelchair weight	From 133 kg	From 130 kg	From 133 kg
Transport without user	Fix the wheelchair safely in the vehicle (e.g. car or plane).		
Intended use and environment	For people with limited mobility; self-propelling or being pushed by an assistant, indoor and outdoor use. Wheelchair type class B.		

SUNRISE MEDICAL

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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

ISO 14001 Environmental Management Systems

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