

Prescriptive Power Chairs













April 2019 (V2.0)

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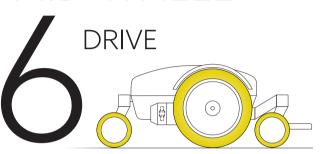
Thank you for Choosing Quantum®...

Quan	tum® authorised retailer:
To	o help you locate your local 'Quantum® Authorised Dealer'. Please go to www.quantumrehab.co.uk
	Find your desired Quantum product and fill out our 'Request a Brochure or Demo' button

Consumer inspired Quantum Rehab® is focused on providing innovations in power bases, seating and drive controls. As a global innovator, Quantum® offers a great range of complex rehab prescriptive power chairs. Each one has been carefully engineered to feature functional, durable, stylized, high-performance to increase daily functionality and quality of life.

Quantum® Drive Options

MID-WHEEL

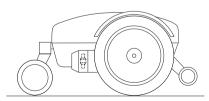


Quantum's® unique Mid-Wheel 6®, features low impact OMNI-Castors (nylon, spherical-shaped castors) front and rear to prevent wheel hang-ups, and provides ultimate traction keeping all six wheels on the ground.



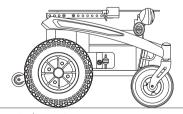
Front-Wheel Drive

Quantum's® front-wheel drive technology features four wheels on the ground with large front castors, and rugged drive wheels. Front wheel drive allows smooth outdoor performance and excellent traction control



Rear-Wheel Drive

Quantum's® rear-wheel drive technology features four wheels on the ground with large front castors, and rugged drive wheels. Rear-wheel drive allows smooth outdoor performance and excellent traction control



Quantum® Quick Reference Guide

	Sparky	Kozmo	Q610 P	Q610	Q4	Aspen	Edge 3	Edge 2.0	Edge z	Lightning	4Front	Edge HD Syn	Edge HD TB3	1450
Weight	8St 13lbs	17St 12lbs	21St 6lbs	21St 6lbs	21St 6lbs	21St 6lbs	21St 6lbs	21St 6lbs	21St 6lbs	21St 6lbs	21St 6lbs	35St 10lbs	32St 2lbs	42St 9lbs
Capacity	(56.7 k.g)	(113 k.g)	(136 k.g)	(136 k.g)	(136 k.g)	(136 k.g)	(136 k.g)	(136 k.g)	(136 k.g)	(136 k.g)	(136 k.g)	(227 k.g)	(204.47 k.g)	(272 k.g)
Turning Radius	743 mm (29.25")	645 mm (25.4")	540 mm (21.25")	540 mm (21.25")	508 mm (20")	641 mm (25.25)	521 mm (20.5")	521 mm (20.5")	502 mm (19.75")	654 mm (25.75")	622 mm (24.5")	502 mm (19.75")	502 mm (19.75")	673 mm (26.5")
Overall Length	959 mm (37.75") ¹	838 mm (33.9") ¹	990 mm (39") ¹	990 mm (39") ¹	901 mm (35.5") ³	1070 mm (42.5") ¹	820 mm (32.23") ²	902 mm (35.5")²	1127 mm (44.4") ¹	1100 mm (43.25") ¹	1162 mm (45.7") ¹	1247 mm (49.1") ¹	1247 mm (49.1") ¹	1149 mm (45.25") ¹
Width	610 mm (24")	574 mm (22.6")	590 mm (23.25")	590 mm (23.25")	610 mm (24")	580 mm (22.79")	622 mm (24.4")	622 mm (24.4")	666 mm (26.25")	635 mm (25")	616 mm (24.2")	666 mm (26.25")	666 mm (26.25")	743 mm (29.2")
Batteries	x2 Ah	x2 Ah	x2 Ah	x2 Ah	x2 Ah	x2 Ah	x2 Ah	x2 Ah	x2 Ah	x2 Ah	x2 Ah	x2 Ah	x2 Ah	x2 Ah
Required	40Ah	18Ah	30Ah	30Ah	50Ah	50Ah	50Ah	50Ah	70Ah	70Ah	70Ah	70Ah	70Ah	70Ah
Drive	304 mm	229 mm	254 mm	254 mm	355 mm	355 mm	355 mm	355 mm	355 mm	355 mm	355 mm	355 mm	355 mm	355 mm
Wheels	(12")	(9")	(10")	(10")	(14")	(14")	(14")	(14")	(14")	(14")	(14")	(14")	(14")	(14")
Max Speed	4Mph (6.4km/h)	3.6Mph (5.7km/h)	4Mph (6.4km/h)	4Mph (6.4km/h)	4Mph (6.4km/h)	4Mph (6.4km/h)	4 or 6Mph With lights	4 or 6Mph With lights	6 or 8Mph With lights	4Mph (6.4km/h)	6Mph With lights	4Mph (6.4km/h)	4Mph (6.4km/h)	4Mph (6.4km/h)
Seat Sizes	10"W-14"W 10"D-14"D	12"W - 18"W 12"D - 18"D	10"W - 20"W 10"D - 20"D	14"W - 20"W 14"D - 20"D	15"W - 21"W 15"D - 20"D	15"W - 21"W 15"D - 20"D	12"W - 22"W 12"D - 22"D	12"W - 22"W 12"D - 22"D	12"W - 24"W 12"D - 24"D	14"W - 20"W 14"D - 20"D	14"W - 22"W 14"D - 22"D	20"W - 26"W 20"D - 26"D	20"W - 32"W 16"D - 24"D	20"W - 32"W 15"D - 28"D

Notes

^{1:} Dimensions listed are for power base only / 2: Due to manufacturing tolerances and continued product improvement, this specification maybe subject to a variance of (+ or -) 3%. /

^{3:} Specification may change without prior notification

Quantum®, Helping You Find Your Perfect Product.



Paediatric Power Chair Compact, petite adjustable solution, Quantum's® paediatric power chairs grow around the needs of the user.



Mid-Range Power Chair Rugged, robust and designed to grow around the needs of the client. Mid-range is the perfect choice for the most active individual.



Heavy Duty Power Chair High-torque motors and increased weight capacities, Quantum's® Heavy Duty Solutions are enhanced to fit the users requirements.

Need more information, or have a question? **Go to...**

www.quantumrehab.co.uk

Book a free no obligation home demonstration. Contact Quantum for sales brochures and much more...

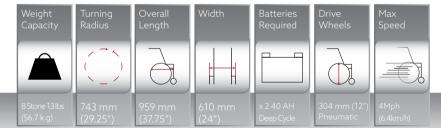




Seating SystemsION Seating System



Designed to deliver full rehab capability in a compact, powerful paediatric package. Engineered to operate in tight spaces and to keep up with today's active child. Standard features include powered seat tilt and attendant operated manual recline.



Colour Options





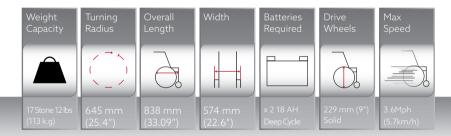




Seating Systems Kozmo seat



The Kozmo combines manoeuvrability with a compact design and an impressive tight turning circle of 645 mm, making it the perfect choice for confined spaces. Packed with great features such as adjustable seating, the Kozmo can easily be dismantled for transport or storage.



Colour **Options**



Pearl White

Rose Ouartz Citrine Yellow Amber

Sapphire











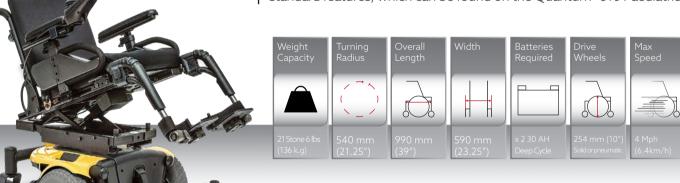






Seating Systems Synergy®

The Quantum® 610 Paediatric moves with simplicity and ease giving the user the confidence to explore their environment. Our unique Omni Castors are designed to keep Mum & Dad's home damage free, by removing sharp points from the castor housings. Glide Motors and Enhanced Active-Trac Suspension are just some of the standard features, which can be found on the Quantum® 610 Paediatric.



Colour Options











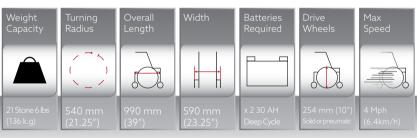




Seating Systems Synergy® TRU-Comfort® Plus

The compact Quantum® 610 is the ultimate choice for users who demand the superb stability of Mid-Wheel 6® Design and tight-quarter manoeuvrability. Highly adaptable, the Quantum® 610 accepts a wide range of seating options, while its powerful drive-train delivers high-performance torque.





Colour **Options**



Black



Silver







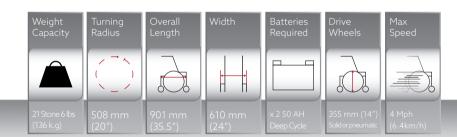




Seating Systems ION TB-Flex®

The Quantum® Q4 is a compact Mid-Wheel Drive power chair, designed for indoor and outdoor use.

Featuring a mid-wheel 6 design, which enables a tight turning radius and outstanding performance. The Q4 is a cost effective choice for the demands of the most active client.



Colour Options



Black





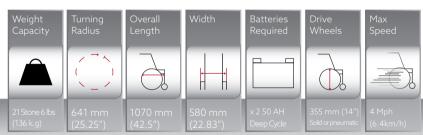


Seating Systems TB-Flex®



The Aspen is a cost effective rear wheel drive power chair, with a modular state-of-the-art design that provides improved obstacle climbing performance and a smoother ride.

Featuring the new TB Flex seating system, and an easily adjustable, versatile design that can grow with the client.



Colour Options



Black



Silver



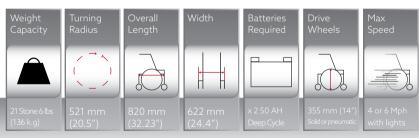




Seating Systems TRU-Balance® 3



Providing a smooth, comfortable ride and advanced stability with SRS technology, the Edge 3 features automotive-grade, dampened suspension making for a more comfortable ride. Other features include optional iLevel® available at 4.5 Mph with up to 12" of power adjustable seat height. Standard features include LED fender lights, a USB charger, and drive wheel colour accents.



Colour **Options**



































Edge 3 Standard and Optional Features



Standard LED fender lights

QUANTUM

Standard Matching Drive Wheel **Accent Colours**

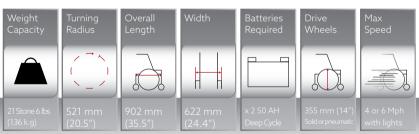




Seating Systems Synergy® TRU-Balance® 3

READY

The Q6 Edge® 2.0 features versatile powered solutions, including iLevel® technology, which can be configured with the highly adaptable TRU-Balance® 3 Seating System, meeting the needs of the most active user.



Colour **Options**



































Seating Systems TRU-Balance® 3

crash tested



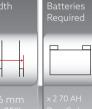
The Q6 Edge® Z Power Chair utilizes powerful 4-pole motors for maximum torque and Mid-Wheel 6® Design for aggressive outdoor performance and precision indoor maneuverability.

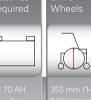
The Q6 Edge® Z Power Wheelchair accepts a broad range of exclusive seating and electronics options for unmatched adaptability and rehab capability, and is available with our iLevel® technology.















Colour **Options**





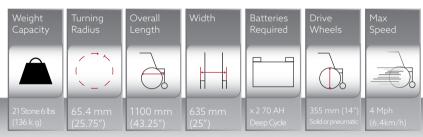


Seating Systems Synergy[®] TRU-Comfort® Plus



The Lightning rear-wheel drive power chair from the Quantum® range, features a state-of-the-art design that provides dramatically improved obstacle climbing performance and a smoother ride.

Providing outstanding tight space manoeuvrability, a sliding battery tray for easy access and accepts rehab seating and electronics. The Lightning is a superior power chair for even the most active clients.



Colour **Options**



Black



Silver







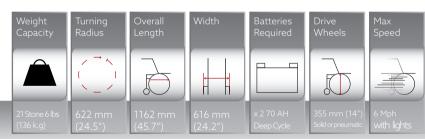


Seating Systems TRU-Balance® 3

crash tested

The 4Front[™] is a guiet, more responsive front-wheel drive power chair that features automotive-grade suspension resulting in unprecedented comfort and ride quality.

Featuring standard speeds of up to 6 mph in the lowered position, and speeds up to 3.2 Mph while elevated at 10" with our optional safe seat elevation. Also includes superior automotive-grade 'SRS' suspension (Smooth Ride Suspension) and CASE (Castor Angle Sensor Encoder) technology.



Colour







































Seating Systems Synergy®

With features like standard 4-pole motors, Mid-Wheel 6® Drive Design and ATX Suspension, the Q6 Edge® HD is engineered to meet the performance needs of the most active user.

The Synergy® Seating System offers a clean, streamlined appearance and unparalleled ease of adjustment. The seating system's unique user-friendly design allows for adjustments to be made guickly and easily in the field.

















Colour **Options**































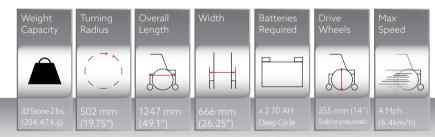
Seating Systems TRU-Balance® 3

crash tested



With features like standard 4-pole motors, Mid-Wheel 6® Drive Design and ATX Suspension, the Q6 Edge® HD is engineered to meet the performance needs of the most active user.

Available with the TRU-Balance[®] 3 Power Positioning Systems, which features an innovative design that maximizes functional independence while providing an appealing look and feel.



Colour **Options**







Seating Systems Contoured Seating Synergy®

Featuring front wheel drive with a 42 Stone 9lbs weight capacity, the Quantum® 1450 bariatric power chair provides exceptional outdoor performance whilst delivering an impressive turning radius.



New SRS Automotive Style Suspension

Smooth ride suspension (SRS) offers unprecedented comfort and ride quality. Providing stability for smooth obstacle transitions and unmatched driving performance.

True independent front & rear suspension. SRS suspension is a unique system, which offers an incredible difference on terrain and climbing thresholds.



Less bumps and jarring, creating the smoothest, most stable seating environment.



SRS suspension allows the Edge 3 to be driven at 4.5 Mph whilst in seat lift at 12".

SRS Suspension is supplied as standard on the following power chairs:





Quantum[®] Seating Solutions

Contoured Seating



Contoured seating features a high back seat.

- · Manual recline and flip-up armrests
- · Comfortable pillow top design
- Gusseted backrest design for the Ouantum® 1450

ION Seating



A cost effective seating solution, with positioning options.

- 10" x 10" to 18" x 18" seat size options
- Tension adjustable backrest
- 4" of width adjustment
- Low cost power tilt, power recline and attendant recline.





The TB-Flex® Seat is equipped with a seat back and seat base with easy width adjustment.

- 15" x 15" to 21" x 20" seat size options
- Tension adjustable backrest
- · Cost effective seating solution
- Low cost power tilt and power recline and power elevating legrests





Featuring a streamlined appearance and unparalleled ease of adjustment.

- 10" x 10" to 32" x 28" seat size options
- Visco padded or tension adjustable backrest options
- Easy centre of gravity adjustment
- 45° 55° Powered tilt



- 12" x 12" to 32" 25" seat size options
- Make fine adjustments while client is in the chair
- Accepts a wide variety of after market seats and backs
- Endomorph and Mesomorph seating, allows for independent adjustment of seat width and backrest width
- A full range of powered seating options

Quantum® Power Positioning Options



Tel: 01869 324600 | Email: sales@guantumrehab.co.uk | Web: www.guantumrehab.co.uk Page 24

50° of powered tilt.

85° - 175° of powered recline.

Q6 Edge 2.0 and Q6 Edge Z at 3.5 Mph. Q6 Edge HD 10" seat lift at 3.5 Mph.

Quantum® Expandable Controls







Advanced Drive Control System

The Q-Logic 3 Advanced Drive Control System from Quantum Rehab® is like no other power chair electronics system. Designed from clinician and consumer feedback, Q-Logic 3 is user-friendly and highly customisable. This adaptable, expandable control system can increase and maximize independence.

- · iAccess programmable push button and toggle options for customised seating access
- · Interactive Assist ready
- · Simple firmware updates
- · Capable of utilising multiple input devices
- · Preset drive settings
- · Preset colour background options
- · Automatically assigned drive modes to input devices



Bluetooth as Standard Connect to mobile devices,

PC's and other Bluetooth compatible devices.

Dongle free programming.



Optional IR Blaster

Control any infrared device i.e. TV's, curtains, garage door and more at the touch of a button.
Easily mounts to the underside of the O-Logic 3 joystick module.



Optional SCIM Module

The SCIM module offers a cost effective method of adding an alternative control device to your Q-Logic 3 system.



Q-Logic 3 EX Enhanced Display

The optional Q-Logic 3 EX Enhanced Display serves as a separate screen used with specialty drive controls to display system data. With the Enhanced Display's built-in environmental controls, Q-Logic 3 can operate a wide range of appliances that use infrared (IR) remote controls, such as televisions, and serves as a Bluetooth* computer mouse emulator.



Optional iAccess controls

The optional iAccess features programmable push button and toggle options for customised seating and function access, without having to use the joysick.

Quantum[®] Controls

NE+ Controller



The NE+ controller is a programmable, modular electronic controller system and is available on a wide range of Quantum power chairs.

It is designed to allow the user to have complete control over chair movement and speed.

- Two 1/8" auxiliary ports for adaptive switches
- Remote On/Off inputs
- Easy to read LCD display
- · Adaptable controls with ease.
- Non-expandable rehab electronics deliver simplicity without limiting features.
- Offers 2-actuator control for TRU-Balance® Power Positioning







oller VR2



With a simple ergonomic design, VR2 accommodates 1 or 2 actuator control, user-friendly actuator selection, programmable actuator end-stop force and automatic end-stop detection.

Programmable speed limiting and inhibit functions are also available.

R-NET



R-net is a multi-module control system for the control of rehab-type power chairs. The system is highly flexible and expandable with connection of up to fifteen modules being possible. of performance and cost.



Optional OMNI2 display



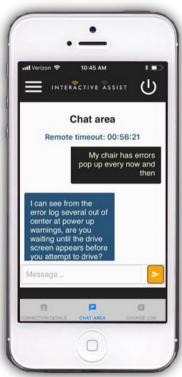
Interactive Assist

Interactive Assist from Quantum Rehab® is a new app, which provides a direct real-time connection from a power chair's electronics to a provider's programming station. The connection provides the technician with full system and diagnostics information along with tools, such as a real-time mirror image of the power chair's electronics display, to aid in reducing service trips.

User benefits:

- Save time and money...
- Reduce number of trips to client's home.
- Find detailed diagnostic information
- (Real-time monitoring and mirroring.
- Assist with programming chairs (programming must be performed using a programming station with technician onsite).
- ((• Communicate with you via an in-app text chat.





Please note Econ-W and Interactive Assist are only available for Q-Logic 3 and future Quantum® control systems.







Stealth® Cushion Range



Features:

- · Contoured, high-density molded foam base
- · Sizes available -10"- 24"W x 10" - 24"D



Features:

- · Deep contoured, high-density molded foam base
- · Sizes available -16" - 22"W x 16" - 24"D



Features:

- · Lateral and pre-ischial shelf contoured, high-density molded foam base
- · Sizes available -10"-24"W x 10" - 22"D



- Lateral and pre-ischial shelf contoured, high-density molded foam base
- · Sizes available -16" - 32"W x 15" - 28"D



- · Twin-cell, lightweight fluid insert under at risky bony areas
- · Sizes available -14" - 24"W x 18" - 26"D

MEDIUM/HIGH PRESSURE RELIEF Essence and Essence Plus SPP



Features:

- · Mildly contoured high-density base foam
- · Essence Plus features pelvic obliquity positions
- · Sizes available -

16" - 22"W x 16" - 24"D



Features:

- · Gently molded foam base for support
- · Anti-shearing/friction properties
- · Sizes available -

10"- 24"W x 10" - 24"D



Features:

- for support

- · Gently molded foam base
- Flatter design for easier transfers and area for tissue
- · Sizes available -

10"-24"W x 10" - 24"D

MEDIUM PRESSURE RELIEF Premier Р

Features:

- Contoured high-density base foam with wedges
- Redistribution of pressure reduction
- · Sizes available -

16" - 22"W x 16" - 22"D

Powered by...



Year Round Temperature Control

CoolCore fabrics wick moisture away from the body in every direction keeping you dry and comfortable no matter what season it is

Breakthrough Technology

Research driven, patented fabrics from Coolcore are chemical-free and vield remarkable benefits. They cool better, last much longer and offer protection from the suns harmful rays (UPF).

NFW TO OUR RANGE

Stealth® Alternative Controls



PRO SERIES

Head Arrays

The Pro Series i-Drive Head Control System is our most adjustable head array. It comes standard with two swing-aways, three proximity sensor pads, and an egg switch for mode change/reset. Stealth's i-Drive is styled to be sleek and unobtrusive, designed so you can see the client, not the hardware.



The Stealth Proportional Joystick range offer the most precise, robust, multiple axis, proportional controllers available for use on a power wheelchair and are easily configured through the power chair's electronics.



Proximity Sensors

The Proximity Capacitive Sensor is a sensor able to detect the presence of nearby objects without any physical contact. These can replace mechanical buttons but require a power source. The Proximity Fiber Optic Sensor is a small sensor that can be located in any confined space or close to each other.



Control harnesses

The i-Drive Control Harness offers height, depth, and angle adjustments that will allow the joysticks to be manoeuvred to the best customized positioning solution for the end user.

Available with a wide range of Stealth and mo-Vis joysticks.



Full range of control devices and positional aids available

- Egg Switches
- Wobble Switch
- Micro Light Switch

Stealth ADI Backs and i-Fit Positional Hardware





Quantum® Accessories





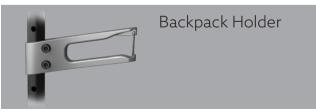


























@quantumrehabuk

32 Wedgwood Road, Bicester, Oxon, OX26 4UL | Tel: 01869 324600 Web: quantumrehab.co.uk | Email: sales@quantumrehab.co.uk