

Allied Medical Powerchairs

Product Highlights



**ALLIED
MEDICAL**
LIMITED

Karma KP25.2

Karma

Seat Widths

**14", 16", 18",
20"**

Seat Depths

**16" and 18" (20"
also available by
special request)**

**Weight
Capacity**

135 kg



The Karma KP25.2 is suitable for indoor mobility as well as medium and short-distance travel. Lightweight and compact - but still very robust - it features a foldable frame and a removable compact battery pack.

- Highly reliable, simple and cost-effective to reissue
- Utilises VR2 electronics - simple hand control is easy to operate - especially for older users
- Standard with upholstered back and padded seat - that can be easily removed to accommodate seating systems
- Attendant drive controls as an option
- Easy to unassemble and fold to allow for transportation
- Batteries are easily removed and come complete with carry handles
- Swing-away lower leg supports are standard, with added options of elevating legrests and residual limb supports
- Quick to set up
- Easy to service by sub-contractors with cost-effective and common parts easily available

Quantum R-Trak

Enable
Contract

R-TRAK

Seat Widths	12" – 22" (½" increments)
Seat Depths	12" – 22"
Weight Capacity	136 kg



Built for everyday use, engineered to withstand outdoor obstacles, and designed to provide a very comfortable rear-wheel drive experience, the R-TRAK establishes a new standard in power mobility. With its narrow 24.2" overall width, high ground clearance, and uniquely positioned Center of Gravity (CoG), the R-TRAK delivers stability and unmatched driving performance.

- Incorporates the following technologies as seen on the proven Edge 3 powerbase:
 - TRU-Balance 3 powered positioning system
 - Q-Logic 3 expandable electronics – can run 5+ powered seating functions
 - Smooth Ride Suspension
 - Narrow 24.2" base
- Over 10cm of ground clearance and large 9" front castors
- 70Ah batteries ensure good range
- Standard fender lights
- 4-pole motors

Jazzy 623 2.0



Seat Widths	12" - 22"
Seat Depths	12" - 22"
Weight Capacity	136 kg



With highly reliable, efficient motors, that deliver a higher range and improved responsiveness than the previous model, the Jazzy 623 2.0 is engineered to meet the performance needs of the most active user. This compact, mid-wheel drive powerchair delivers smooth, nimble manoeuvrability, with excellent indoor and outdoor performance.

- Compact footprint and tight turning radius
- Up to three powered functions including tilt and options like powered elevate
- VR2 non-expandable electronics package - reliable, well understood by sub-contractors and easy for the user to understand and operate
- Attendant control and one toggle operation of tilt in space is optional
- Includes the TRU-Balance 3 powered positioning system

Quantum Edge 3 Stretto

EDGE 3 *Stretto*

Seat Widths	12" – 20" (½" increments)
Seat Depths	12" – 20"
Weight Capacity	136 kg



The Edge 3 Stretto offers all the features seen on the Edge 3, but with the added advantage of a much narrower footprint. The Edge 3 Stretto is the narrowest, most compact and manoeuvrable power base in the Quantum range, making it ideal for kids, teenagers and smaller adults, who regularly navigate tight corners and smaller spaces at home, work, or school.

- 20.47" overall width, when using 12.5" drive wheels
- 14" full sized drive wheels available as an option
- Includes the battery capacity, motors and suspension typically only available on larger powerchairs
- Q-Logic 3 expandable electronics – can run 5+ powered seating functions
- Smooth Ride Suspension
- TRU-Balance 3 powered positioning system
- Can be fitted with TRU-Balance 4 where required which offers anterior tilt, articulating and elevating centre mount foot platform, powered elevation, powered recline with anti-shear and tilt in space, as well as memory seating
- Fender lights are standard

Quantum Edge 3

EDGE 3

Seat Widths

12" – 22" (½" increments)

Seat Depths

12" – 22"

Weight Capacity

136 kg



The Edge 3 combines several unique groundbreaking technologies that allow for this mid-wheel drive powerchair to perform like no other. Upgraded SRS (Smooth Ride Suspension) provides a smooth, comfortable ride and advanced stability for the user. Superior ride quality, and the ability to easily customise both the mechanical and electronic set-up, allows the user to maximise access in their home environments, and get out into the community easily.

- TRU-Balance 3 powered positioning seating system
- Q-Logic 3 expandable electronics – can run 5+ powered seating functions
- Optional iLevel - allows users to travel at 7.2kmh with up to 12" of power adjustable seat height
- Can be fitted with TRU-Balance 4 where required, which offers anterior tilt, articulating and elevating centre mount foot platform, powered elevation, powered recline with anti-shear and tilt in space, as well as memory seating,
- Fender lights are standard

Quantum Q6 Edge HD

Q6 edge[®]
HD

Seat Widths

**20" – 32" (1/2"
increments)**

Seat Depths

12" - 24"

**Weight
Capacity**

**204 kg
(180 kg with
iLevel)**



**Enable
Contract**

The Q6 Edge HD accepts the complete range of Quantum seating and electronics and is engineered to meet the performance needs of the most active user. Able to accommodate user weights up to 204kg, the Quantum Edge HD offers generous amounts of torque to ensure larger clients can easily drive wherever they require - indoor or out and about.

- TRU-Balance 3 and TRU-Balance 3 HD powered positioning systems
- Q-Logic 3 expandable electronics – can run 5+ powered seating functions
- 4-pole motors
- Mid-Wheel 6 design
- ATX Suspension
- Optional iLevel power seat elevation

Quantum 4Front2

4FRONT²

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Seat Widths

12" – 22" (½" increments)

Seat Depths

12" – 22"

Weight
Capacity

136 kg



The 4Front2 is the next generation of the 4Front powerchair. While compact, the 4Front2's large 9" rear castors, batteries and motors make it the perfect option for gravel driveways, hilly and challenging environments, as well as for indoor use.

- TRU-Balance 3 powered positioning seating system
- Q-Logic 3 expandable electronics – can run 5+ powered seating functions
- Smooth Ride Suspension makes for an incredibly comfortable drive experience
- Can be fitted with TRU-Balance 4 where required which offers anterior tilt, articulating and elevating centre mount foot platform, powered elevation, powered recline with anti-shear and tilt in space, as well as memory seating
- NEW Smart Traction Control and redesigned caster arms – built-in tracking in the powerbase improves tracking and dramatically decreases fishtailing
- 4-pole motors
- Fender lights are standard

Expandable Q-Logic 3 Electronics



- Q-Logic 3 offers a wealth of programming capability to keep the client using the standard hand controller where possible:
 - Options include 3 direction drive, tremor suppression, joystick throw adjustment, jack points for mode, tilt, emergency stop or other functions where required to be run through an external switch site
- Can run up to 5 powered functions as a minimum with the option to run more when required
- Allows for the addition or subtraction of alternative drive controls and attendant controls at any point
- Powered seating functions can be added and removed as required
- Optional simplified joystick for clients who struggle with more complex controllers
- Optional iAccess - features programmable push button and toggle options for customised seating access
- Optional Q-Logic 3 Enhanced Display - a separate screen used with specialty drive controls to display system data
 - Built-in environmental controls - Q-Logic 3 can operate a wide range of appliances that use infrared remote controls, such as televisions, and serves as a Bluetooth computer mouse emulator

Q-Logic 3 Interactive Assist



Reduce service visits with Interactive Assist, a diagnostic app from Quantum Rehab that provides a direct, real-time connection from a powerchair'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 powerchair's electronics display, to aid in eliminating wasteful trips.

Using Interactive Assist, a provider may be able to quickly resolve:

- Battery management issues
- Charging problems
- Motor problems
- Basic programming
- Viewing error code history
- Troubleshooting
- Remote connection to programming infrared
- Dealer-to-dealer connection
- Real-time monitoring of problems

TRU-Balance 3 Seating System



TRU-Balance 3 Power Positioning Systems feature an innovative design that maximizes functional independence while providing an appealing look and feel. TRU-Balance 3 has the ability for quick and easy fine-tuning adjustments to ensure maximum comfort and positioning.

- Optional 12" iLevel power adjustable seat height is available on the Edge 3 and Edge 3 Stretto, and 10" of safe seat elevation is offered on the 4Front2
- TB3 Seating systems include built-in width and depth growth to allow for changes in client dimensions, making it ideal for re-issue
- TB3 offers a wide range of armrest, legrest, manual and powered functions
- Compatible with Q-Logic 2 and Q-Logic 3 Electronics
- TB3 Seating systems can easily be swapped to other Quantum bases if required for reissue

TRU-Balance 4

available on the Edge 3, Edge 3 Stretto and 4Front2



The TRU Balance 4 Power Positioning System with Anterior Tilt is a seating system designed to promote a change in position, enhance functional activities, facilitate physiological functioning and improve a consumer's visual field.

- Up to 30 degrees of power anterior tilt
- Up to eight customisable memory seating positions:
 - This feature utilises positional feedback to recognise positioning
 - Recalls the saved position of all actuators
 - Offers the choice of sequential or synced movement for each seat function
- Articulating foot platform that lowers to assist with transfers
- All chairs equipped with TRU-Balance 4 will also have posterior tilt, anterior tilt, power adjustable seat height and power centre mount elevation
- Chest bar and knee blocks available (knee blocks and chest support required with 20- or 30-degrees of anterior tilt)

iLevel

available on the Edge 3, Edge 3 Stretto and Edge HD



iLevel powerchairs feature a revolutionary new design for a better experience. iLevel improves daily functionality and quality of life by allowing operation of the powerchair with the seat fully elevated while at walking speed (at 7.24 kmh).

iLevel can benefit users if:

- They have difficulty, or need assistance, transferring from beds, toilets, shower chairs, car seats, etc. that are higher than the seat on powerchairs
- They have difficulty, or need assistance, to reach one or more of the following areas at home, school, work, or the community:
 - Dresser drawers; clothes rod, washer or dryer
 - Medicine cabinet; sink; mirror; shower head
 - Fridge/freezer; oven/stove; microwave, cupboards/shelves; benchtop
 - Switches; thermostat; fire alarm; speaker; door viewer; doorbell; buttons
- They have difficulty seeing where they are going, moving through crowds, or safely crossing the road from a low (standard) seat height in powerchairs
- They experience neck pain, have difficulty seeing or hearing those standing nearby when seated in powerchairs
- They experience any difficulty sitting in powerchairs as a result of looking up or reaching overhead
- When lift and tilt is selected on the Edge 3, Edge 3 Stretto or Edge HD, iLevel comes as standard with no additional upcharge

Superior Automotive Grade Smooth Ride Suspension



Developed after two years of research and consumer feedback, SRS delivers exceptional driving performance over multiple terrains.

- Made up of three coiled-over, gas-charged shocks that provide an ultra-smooth and quiet ride
- The geometry in which the springs are built into the base of the powerchair allows for independent caster and wheel travel
- Unprecedented comfort and ride quality
- Adds stability to optional safe seat elevation
- A smoother ride experience will reduce environmental triggers for clients with spasticity
- Ideal for clients who experience fatigue or chronic pain
- When tested SRS showed:
 - 31% improvement in Vibration Dose Value (VDV) over obstacles such as doorway lips
 - 30% improvement in Max Transient Vibe Value (MTVV) or ride performance when compared to previous models

Complex Powerchair Solutions

Contracts	Accessible Contract Enable Contract	Enable Contract	Accessible Contract Enable Contract	Enable Contract	Accessible Contract Enable Contract	Enable Contract	Accessible Contract Enable Contract	Enable Contract	Enable Contract
Drive Wheels	12" Pneumatic	14" Solid Foam Filled / 14" Pneumatic / 14" Knobby	14" Solid Foam Filled / 14" Pneumatic	14" or 12.5" Pneumatic or Solid Foam Filled	14" Solid Foam Filled / 14" Pneumatic	14" Solid Foam Filled / 14" Pneumatic	14" Solid Foam Filled / 14" Pneumatic	14" Solid Foam Filled / 14" Pneumatic	14" Solid Foam Filled / 14" Pneumatic / 14" Knobby
Castor Wheels ⁸	8" Solid	Front 9" Flat Free	Front 6" Solid Rear 6" Solid	Front 5" Flat free Rear 6" Flat free	Front 6" Solid Rear 6" Solid	Front 6" Solid Rear 6" Solid	Front 6" Solid Rear 6" Solid	Front 6" Solid Rear 6" Solid	Rear 9" Flat Free
Anti-Tip Wheels	N/A	4" Solid (rear)	N/A	N/A	N/A	N/A	N/A	N/A	4" Solid (front)
Maximum Speed ¹	Up to 6.0km/h	Up to 10km/h	Up to 9.6km/h	Up to 10.0km/h	Up to 10.0km/h	Up to 10.0km/h	Up to 10.0km/h	Up to 7.5km/h	Up to 10.0km/h
Ground Clearance	2.3"	3.97" (battery tray)	2.7" (battery tray)	2.9" (battery tray)	2.7" (battery tray)	2.7" (battery tray)	3.0" (frame centre)	3.15" (motor pivot)	3.15" (motor pivot)
Turning Radius ²	25.6 - 39.4"	25.7"	20.5"	21.0"	20.5"	20.5"	19.75"	25.9"	25.9"
Max Rated Slope	12° / 21.2%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%	7.5° / 13.2%
Seating System	Slung upholstery	TRU-Balance 3	TRU-Balance 3	TRU-Balance 3 or 4	TRU-Balance 3 or 4	TRU-Balance 3 or 4	TRU-Balance 3	TRU-Balance 3	TRU-Balance 3 or 4
Seating Sizes	Non-Tilt	W: 14-22" D: 12-22"	W: 12-22" D: 12-22"	W: 12-22" D: 12-22"	W: 10-22" D: 10-22"	W: 10-22" D: 10-22"	W: 20-32" D: 20-28"	W: 20-32" D: 20-28"	W: 12-22" D: 12-22"
	Power Tilt	N/A	W: 12-22" D: 12-22"	W: 12-22" D: 12-22"	W: 12-22" D: 12-20"	W: 12-22" D: 12-22"	W: 20-32" D: 20-25"	W: 20-32" D: 20-25"	W: 12-22" D: 12-22"
Seat to Floor Heights	Power Lift & Tilt	N/A	W: 12-22" D: 12-22"	W: 12-22" D: 12-22"	W: 12-20" D: 12-20"	W: 12-22" D: 12-22"	W: 20-24" D: 20-25"	W: 20-24" D: 20-25"	W: 12-22" D: 12-22"
	Non-Tilt	19.0"	16" - 18"	16.5" - 18.5"	16.0" - 18.0"	16.5" - 18.5"	16.5" - 18.5"	16.5" - 18.5"	15.2" - 17.25"
Maximum Elevation	Power Tilt ⁶	N/A	18.5" - 19.5"	17.5" - 19.5"	17.5" - 19.5"	17.5" - 19.5"	18.5" - 20.5"	18.5" - 20.5"	17.5" - 19.5"
	Power Lift & Tilt ⁹	N/A	17.25" - 18.25"	17.5" - 19.5"	17.5" - 19.5"	17.5" - 19.5"	18.5" - 20.5"	18.5" - 20.5"	17.75" - 19.75"
Lights	N/A	Standard	Optional	Standard	Standard	Standard	Optional	Optional	Standard
Battery/ Size/Type	20Ah for 14" W 40Ah for 16-20" W	Group 24 (70Ah)	NF-22 (50Ah)	NF-22 (50Ah)	NF-22 (50Ah)	NF-22 (50Ah)	Group 24 (70Ah)	Group 24 (70Ah)	Group 24 (70Ah)
Electronics	VR2 Controller	Q-Logic 3	VR2 Controller	Q-Logic 3	Q-Logic 3	Q-Logic 3	Q-Logic 3	Q-Logic 3	Q-Logic 3
Battery/ Charger	6A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board	8A Off-Board
Motor/ Packages	2-Pole	4-Pole, Rear-wheel	2-Pole Mid-wheel	2-Pole Mid-wheel	2-Pole Mid-wheel	2-Pole Mid-wheel	4-Pole High-torque	4-Pole Front-wheel	4-Pole Front-wheel
Battery Weight ⁷	2x 17.5 kg	2x 23.5 kg	2x 17.2 kg	2x 18.1 kg	2x 17.2 kg	2x 17.2 kg	2x 23.5 kg	2x 23.5 kg	2x 23.5 kg
Base Weight	35.0 kg	58.0 kg	63.0 kg	57.0 kg	63.0 kg	63.0 kg	65.0 kg	58.9 kg	58.9 kg
Weight Capacity ⁴	135.0 kg	136.0 kg	136.0 kg	136.0 kg	136.0 kg	136.0 kg	204.0 kg	136.0 kg	136.0 kg
Overall Length ⁵	43.0"	34.8"	35.5"	32.5"	32.5"	32.23"	35.6"	39.9"	39.9"
Overall Width	Seat width +7"	24.2"	24.2"	21.8" (14" wheels) 20.47" (12.5" wheels)	24.4"	24.4"	26.25"	24"	24"