

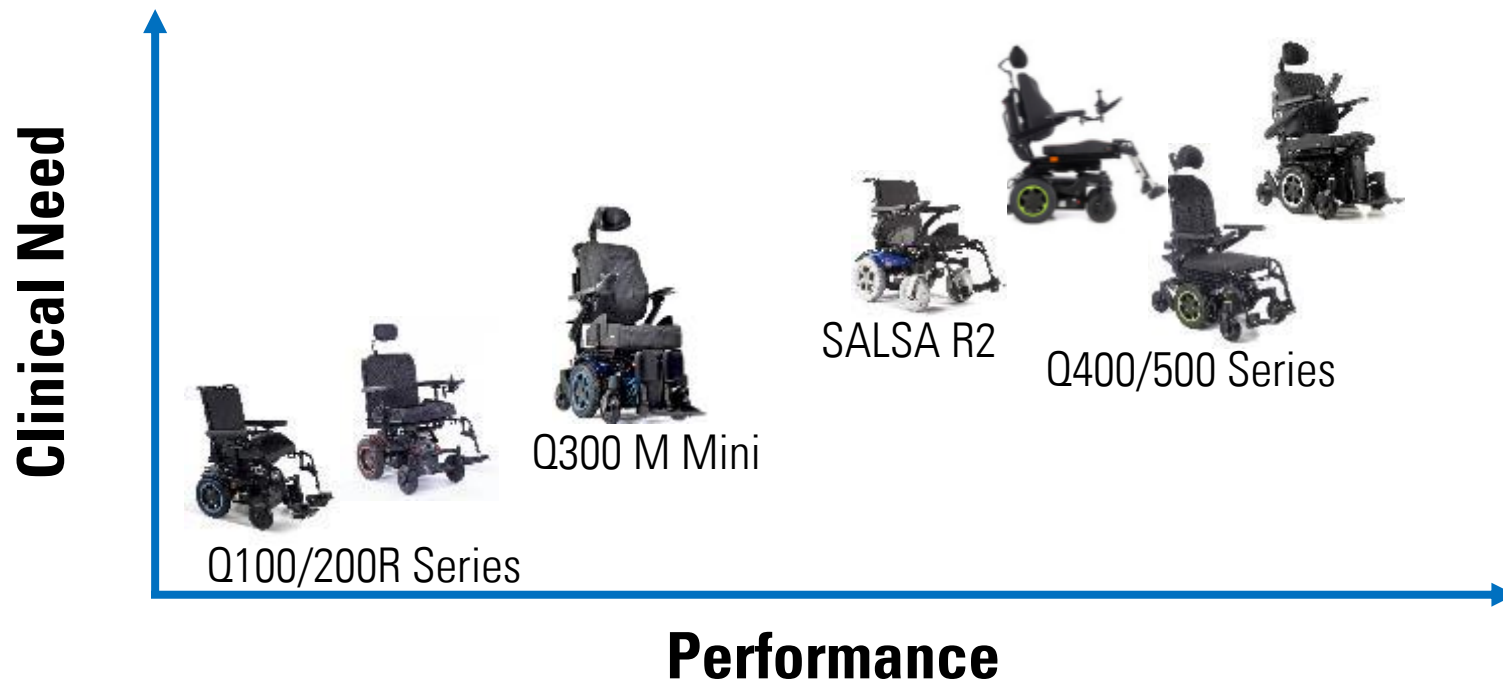
Q300E

THE COMPACT POWERCHAIR
THAT DOESN'T DOWNSIZE ON ADVENTURE.

Why?



Q-Series Overview



Why?



Initial Design Objectives – Q300 R

Best in class manoeuvrability without compromise on outdoor performance

Optimised and adjustable COG to address historic RWD base feedback

No compromise when using powered tilt

Why?

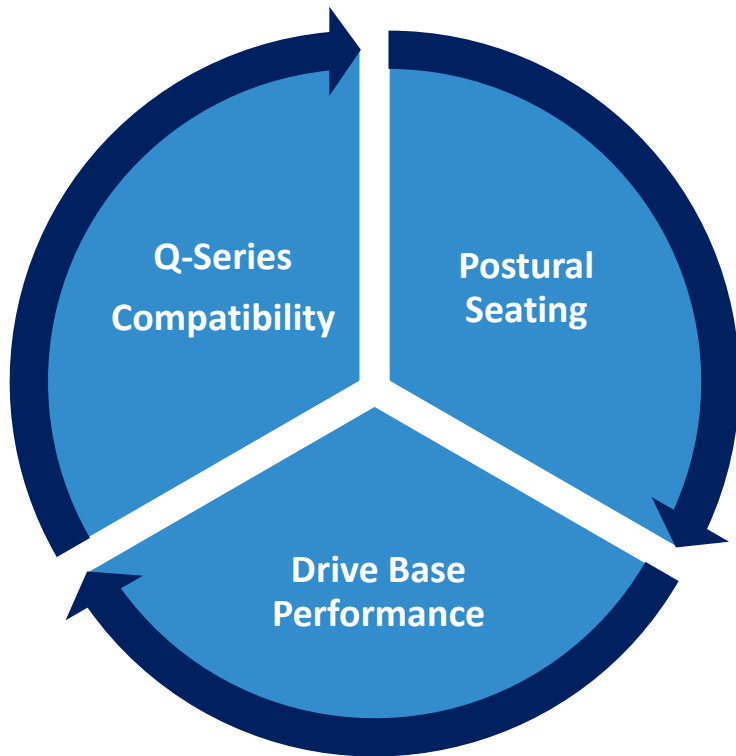
Design Objectives – Q300 R

- Q200 R **drive base** addresses majority of problems associated with traditional mid range complex RWD
- Further develop this technology to better accommodate higher clinical needs seating and complex clients e.g. COG Shift
- Introduce higher clinical seating option such as Sedeo PRO Flexi Backrest, 30 degree tilt and seat lift – by implementing the SEDEO LITE seating system



Why?

Design Objectives



Why?



Design Objectives – Q300 R

Utilize the Q200R Drive Base to take the Market Leading Indoor and Outdoor Performance from the Drive Only Segment to higher clinical need - Postural Tilt Segment

Combine with Sedeo Lite Seating and Powered Options to meet Postural Clinical Need

Develop the best-in-class RWD Postural Seating Powered Wheelchair

A woman with long brown hair, wearing a light pink shirt, is seated in a blue and black Quickie wheelchair. She is looking down and smiling. The wheelchair is on a paved sidewalk next to a brick wall. In the background, there is a modern building with large windows and a red fire alarm pull station. Other people are visible in the distance.

Q300 R

Q300 R Mini

Q300 R

Key Features

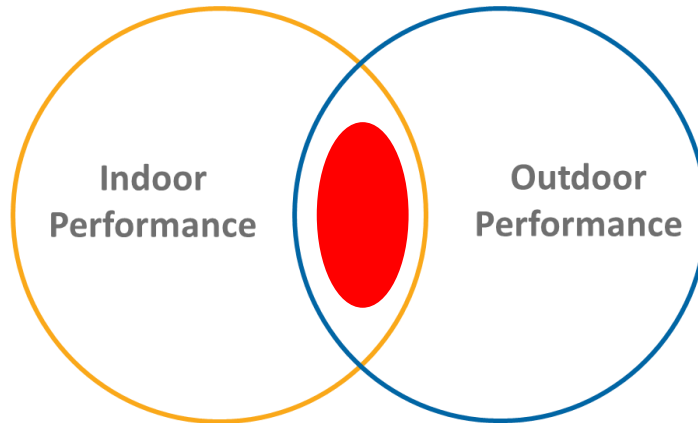
- **Smart Base Technology** – Optimised COG for traction & stability
- **Q300 R Compact Chassis** – Best RWD for outdoor performance and indoor manoeuvrability, plus even more compact indoor performance with the **Q300 R Mini version**
- **Modular SEDEO LITE Seating System** – Moderate to High Clinical need postural seating
- **Q-Series Parts Compatibility** – Shared base & seating components
- **Proven Quality** - Tried & Tested chassis and seating system



Q300 R

Smart Base Technology

- First developed for Q100 R & Q200 R to address the feedback around RWD powerchairs
- **Balance of indoor and outdoor performance**



Q300 R

Smart Base Technology

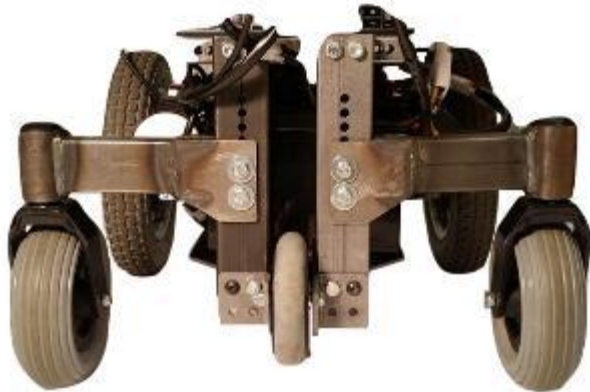
- To do this, we used an adjustable powerchair chassis to find the optimal RWD base design
- Allowed us to fine tune each key measurement (length, width, COG etc.) to find the optimal configuration



Q300 R

Smart Base Technology

- Aim is to achieve 65% weight over the rear wheels which our testing has shown to be the optimal balance between traction and stability



Q300 R

Smart Base Technology

- Q300 R development requires a broader client group which present their own set of challenges
 - Larger Clients
 - Heavier Clients
 - Moulded Seating
 - Amputees
 - Larger Degrees of Tilt



Q300 R

Smart Base Technology

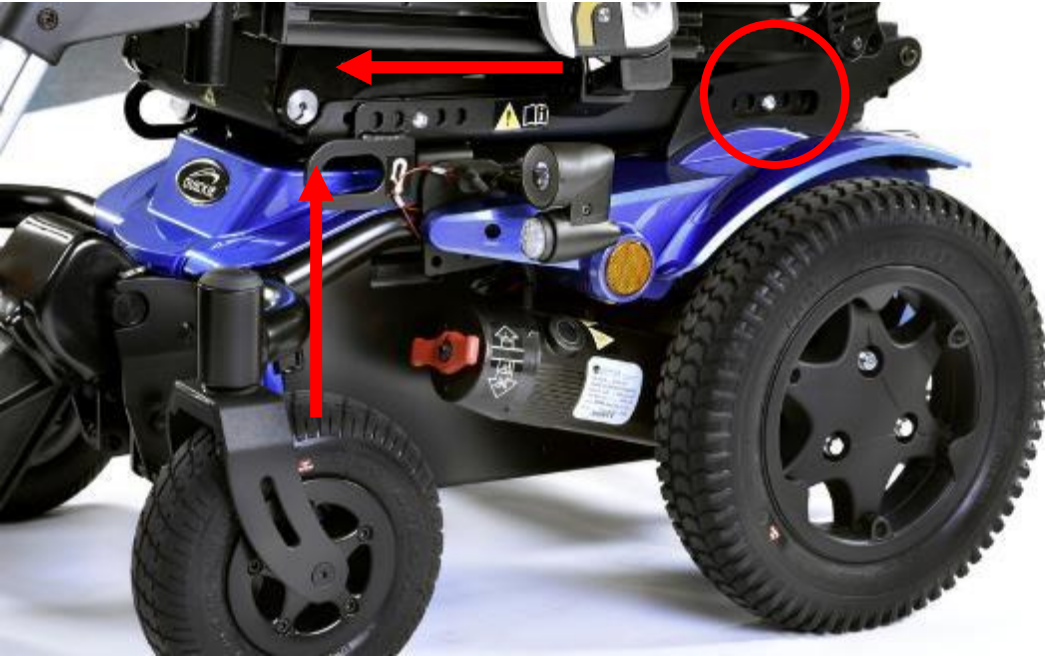
- Q300 R introduces module technology to offer the widest range of COG adjustment available



Q300 R

Smart Base Technology – Q300 R COG

- Q300 R COG via Backrest and Seat Module
- Adjustable seat to floor height via interface brackets – 43.5cm – 49cm



Q300 R

Smart Base Technology - **Summary**

- Optimised base dimensions combined with enhanced COG adjustment
 - Enhanced Traction
 - Enhanced Stability
 - Greater Outdoor Performance
 - Wider Clinical Application



Q300 R

Compact Chassis

- **Compact 58cm chassis – 14" drive wheels** (vs. Salsa R2 14" drive wheels 4cm narrower)
- Greater indoor manoeuvrability & more intuitive and easy to navigate tight compact environments:
 - Homes
 - Shops
 - Restaurants / Cafes'



Q300 R

Compact Chassis

- **Shorter RWD for improved indoor functionality (110cm – S/A hangers):**
 - Bathroom manoeuvrability
 - Corridors
 - Through floor lifts



Q300 R

Compact Chassis

- **Compact RWD turning circle, best indoor manoeuvrability for powered tilt in space segment (180cm – S/A Hangers)**
 - Corridors
 - Bathroom manoeuvrability
 - Kitchens



Q300 R

Compact Chassis

- **Greater Indoor Control**
- Historic RWD challenge - RWD flick
- COG bias towards the front combined with large 9" castors with wide profiled created a lot of resistance when trying to turn on carpets
- Optimised COG provides greater indoor control and reduces impact of the above



Q300 R

Other Features

- Lightweight moderate to complex tilt in space RWD
- 125kg (fixed tilt/hangers/50Ah batteries)
- Available with fold down back for more compact package
- **DAHL** approved



Q300 R

Other Features

- Standard colour option black
- Available with red, yellow, purple and blue
- Available 7 colour accents, with decal inserts

STYLE

MAKE A STATEMENT

Treat every street like a catwalk with the Q300 R and its carefully selected range of 5 shroud colours. You can even compliment or contrast your choice with 7 colour accents. Scan the QR code below to find your perfect combination.



QR code and smartphone icon indicating a link to find the perfect combination.

Color-coded circles identifying the available colors: BLUE, PURPLE, YELLOW, RED, and BLACK.

built4me

Want something unique? Our Built-4-Me help you create a truly bespoke Q300 R for this world! Ask your dealership for more.

A blue Quickie Q30037 motorized wheelchair is shown from a low-angle, rear-three-quarter perspective. It is positioned on a dirt path, with its large, treaded tires and suspension system clearly visible. The wheelchair's frame is a vibrant blue, and the model number "Q30037" is printed on the rear fender. A black battery pack is mounted on the back. The background is a blurred natural setting.

Outdoor Performance

Q300 R

Outdoor Performance – No Compromise

- **Q300 R has a Centre Of Gravity (COG) interface as standard with module technology for optimised traction over rear wheels**



SUNRISE
MEDICAL

Q300 R

Outdoor Performance – No Compromise

- Knobby drive wheels available for maximum traction and dirt shedding
- Wide profile 14" drive wheels for increased surface area contact maximising traction



Q300 R

Outdoor Performance – No Compromise

- Q300 R has adjustable rear wheel suspension
- Adjustable via C-Spanner for softer or firmer set up to manage client comfort and improve rear wheel traction



Q300 R



Outdoor Performance – No Compromise

- Q300 R shared motors from Q300 M Mini Q400M & Q500M + **NEW updated** 2-Pole Performance and 4-Pole Quickie Motors

Engineered for optimal driving performance



We know that more time is spent maneuvering around a home and workplace versus traveling long distances. That's why we've designed our motors to give you the control you need in small spaces without sacrificing the power you want to tackle obstacles. Plus, you'll be able to **drive 10% further** on the same battery capacity. Similar to a car driving on the highway versus in the city, don't sacrifice performance in places where it's needed the most.

Designed to last



Unlike some of our competitors, QUICKIE motors feature metal gears instead of plastic. Polished for low noise and high efficiency, our all-metal gears exceed expectations in tough conditions. We go the extra step in polishing those gears because we believe that a little extra effort goes a long way in creating a better ride.

Reduced thermal rollback



The larger fins found on our motors aren't just a stylish design feature. Larger cooling fins enable heat to escape more effectively, reducing your risk of thermal rollback so you can drive 25% further and faster when combined with the additional boost, even when on an incline or faced with uneven surfaces.

Q300 R

Outdoor Performance – No Compromise

- Q300 R Motor Technology.....
- Increased Power (Obstacle / terrain climbing) vs. Q100 R /Q200 R
- Optimising outdoor performance
- No compromise on power Vs our larger power chairs (use same motors)
- Fleet compatibility with Q-Series

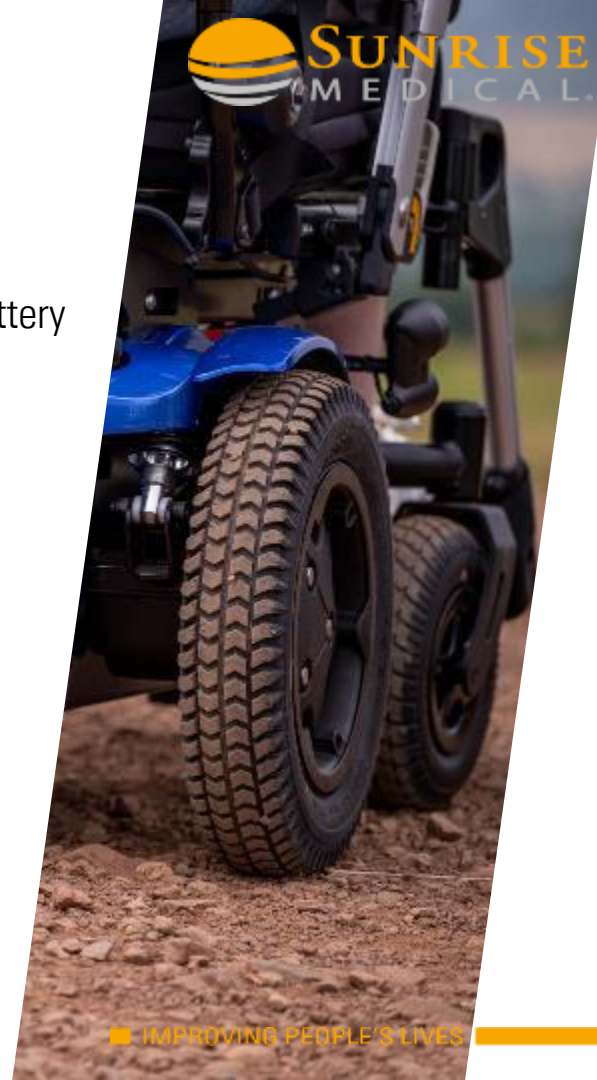


Q300 R

Outdoor Performance – No Compromise

		50Ah Battery	64Ah Battery
		Min	Max
6 kph range	2-pole Motor	25 km	32 km
10 kph range	4-pole/2-pole Motors	20 km	29 km

- Range
 - Lighter weight 50Ah batteries (25km) – Hoists & through floor lifts
- Optional 64Ah batteries (32km):
 - Clients with all powered options
 - Taller Clients with taller STFH (weight for stability)



Q300 R

Outdoor Performance – No Compromise

- Easily accessible for service / battery replacement



 **SUNRISE**
MEDICAL.

Q300 R

Outdoor Performance – No Compromise

- NEW Boot Style Kerb Climber:
- Traditional kerb climbing technique
- More familiar to users
- Provides smoother experience vs older Boot Style



Q300 R

Outdoor Performance – No Compromise

- Lighting – New Fender Light



 **SUNRISE**
MEDICAL

A person is seated in a red and black QUICKIE Q300 R Mini motorized wheelchair on a paved sidewalk. The wheelchair has a large rear wheel and a smaller front wheel. A black text box with white text is overlaid on the image.

Q300 R Mini

Q300 R Mini

Compact Base

- **Ultra Compact width 55cm chassis** (vs. Q300 R 3cm narrower)
- Greater indoor manoeuvrability & more intuitive and easy to navigate tight compact environments:
 - Homes
 - Shops
 - Restaurants / Cafes



Q300 R Mini

Compact Base

- Achieves this via smaller wheels
 - 12" Drive Wheel
 - 8" Castor Wheel



55cm Base Width



58cm Base Width



Q300 R Mini

Compact Base

- **Introduction of centre mount footplate**
- Same option used on Q300 M Mini and Q400 M
- Reduces overall length and turning circle for an even more compact and manoeuvrable base
- Min Turning Circle = **1700mm** v's Q300 R w/Hangers = **1800mm**



A person is shown from the side, sitting in a blue and black Quickie SEDEO LITE wheelchair. The wheelchair has a large rear wheel and a smaller front wheel. The person is wearing a light-colored long-sleeved shirt and blue shorts. They are sitting on a cobblestone path in an urban setting with modern buildings and trees in the background. A black banner with white text is overlaid on the image.

Modular SEDEO LITE Seating

Q300 R

Modular SEDEO LITE Seating

- Multi-adjustable seating system
- Standard Seating – Tension adjustable Backrest & 5cm Cushion
- Round Tubing – Easily interface third party backrests
- Higher Clinical Seating solutions – SEDEO PRO Flexible Backrest
- One tool adjustment throughout
- Stepless adjustment
- Q-Series Shared options & accessories



Q300 R

SEDEO Seating – C-Me

- C-Me, Enables the end user to drive our power products at increased speed – 4.8kph, walking pace with the seat elevator raised, with full suspension, in comfort – removing normal restriction of 1.6kph creep speed

up! 
go!



Q300 R

SEDEO Seating – Power Options

- SEDEO LITE Seat Depth is limited to **max 510mm** for stability reasons
- The PG Tilt Module is used with Power Recline in combination with Tilt / Lift & Tilt to measure world angle
- When the chair reaches stability thresholds – will move into creep, and then drive lockout to ensure maximum stability and safe use

