



Compact Powerchair
that doesn't downsize
on performance

Training Guide



Q300 R



Q300 R Mini

DESIGN HISTORY

PRODUCT POSITIONING

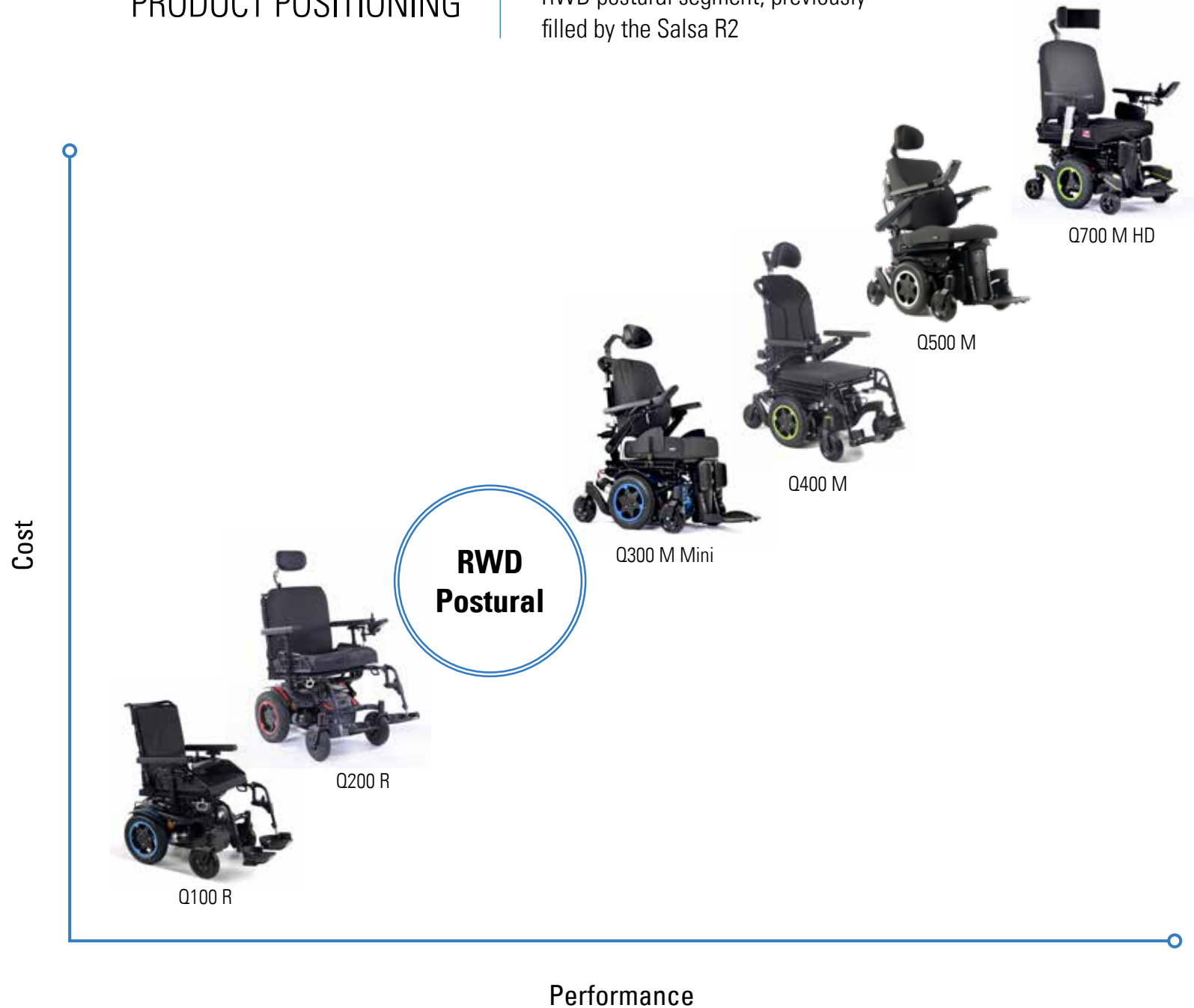
Looking at the Q-Series range overview, there is a space in the RWD postural segment, previously filled by the Salsa R2

Q300 R

Product Training

The following training guide aims to outline the key aspects of the Q300 R & Q300 R Mini:

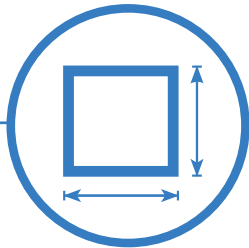
- Customer Feedback
- Design Scope
- Key Features
- Product Comparison
- Technical Specification



Q300 R

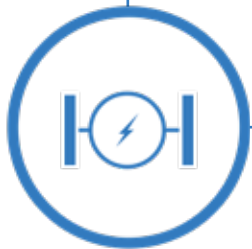
OVERVIEW

Key Features are as follows:



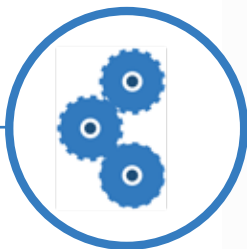
Compact Chassis

Best RWD indoor manoeuvrability



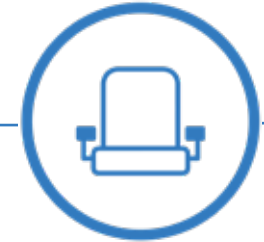
Smart Base

Optimised COG for traction & stability



Increased Fleet Compatibility

Shared base & seating components



Modular SEDEO Seating System

Moderate to complex postural seating



Proven Quality

Tried & Tested chassis and seating system

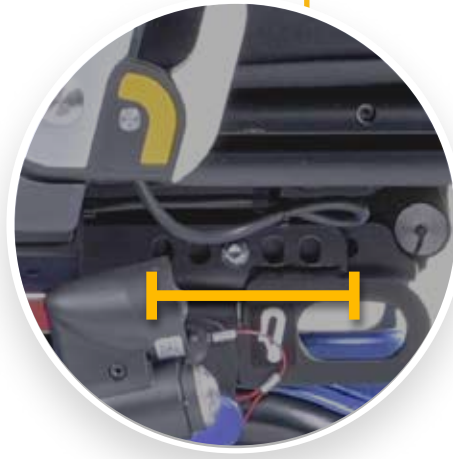
PRODUCT OVERVIEW

SMART-BASE TECHNOLOGY

Q300 R introduces modular seating technology to offer the widest COG range on the market



Adjustment for backrest



Adjustment for seat

SMART BASE

SUMMARY

Q300 R takes the smart-base technology from Q200 R and makes it suitable for complex clients

- Optimised base dimensions combined with enhanced COG adjustment



Enhanced Traction



Enhanced Stability



Greater Outdoor Performance



Wider Clinical Application

PRODUCT OVERVIEW

COMPACT BASE

The Q300 R is the most compact RWD complex powerchair, addressing the key prescription decision of indoor performance vs MWD



- **Greater indoor manoeuvrability** - with an Ultra-short base length of 107 cm and 58 cm wide, the Q300 R is easy to manoeuvre in through the smallest lifts and tight spaces.
- **Compact Base** - Significantly narrower than historic RWD (Salsa R2)

○ Base width vs Market

	Base Width	Vs Q300 R
Q300 R	58 cm	
Salsa R2	64 cm	+ 6 cm
Spectra XTR	62 cm	+ 4 cm
Bora	62 cm	+ 4 cm
RX20	56 / 63.5 cm	- 2 cm / + 5.5 cm

○ Base length vs Market

	Base Length	Vs Q300 R
Q300 R	110 cm	
Salsa R2	114 cm	+ 4 cm
Spectra XTR	116 cm	+ 6 cm
Bora	116 cm	+ 6 cm
RX20	118 cm	+ 8 cm



PRODUCT OVERVIEW

OUTDOOR PERFORMANCE

Compact indoors, the Q300 R doesn't compromise on outdoor performance



Module technology

- Optimised traction
65% over rear wheels



14" drive wheels

- Increased surface area contact maximises traction
- Std. Knobbly drive wheels for maximum traction and dirt shedding



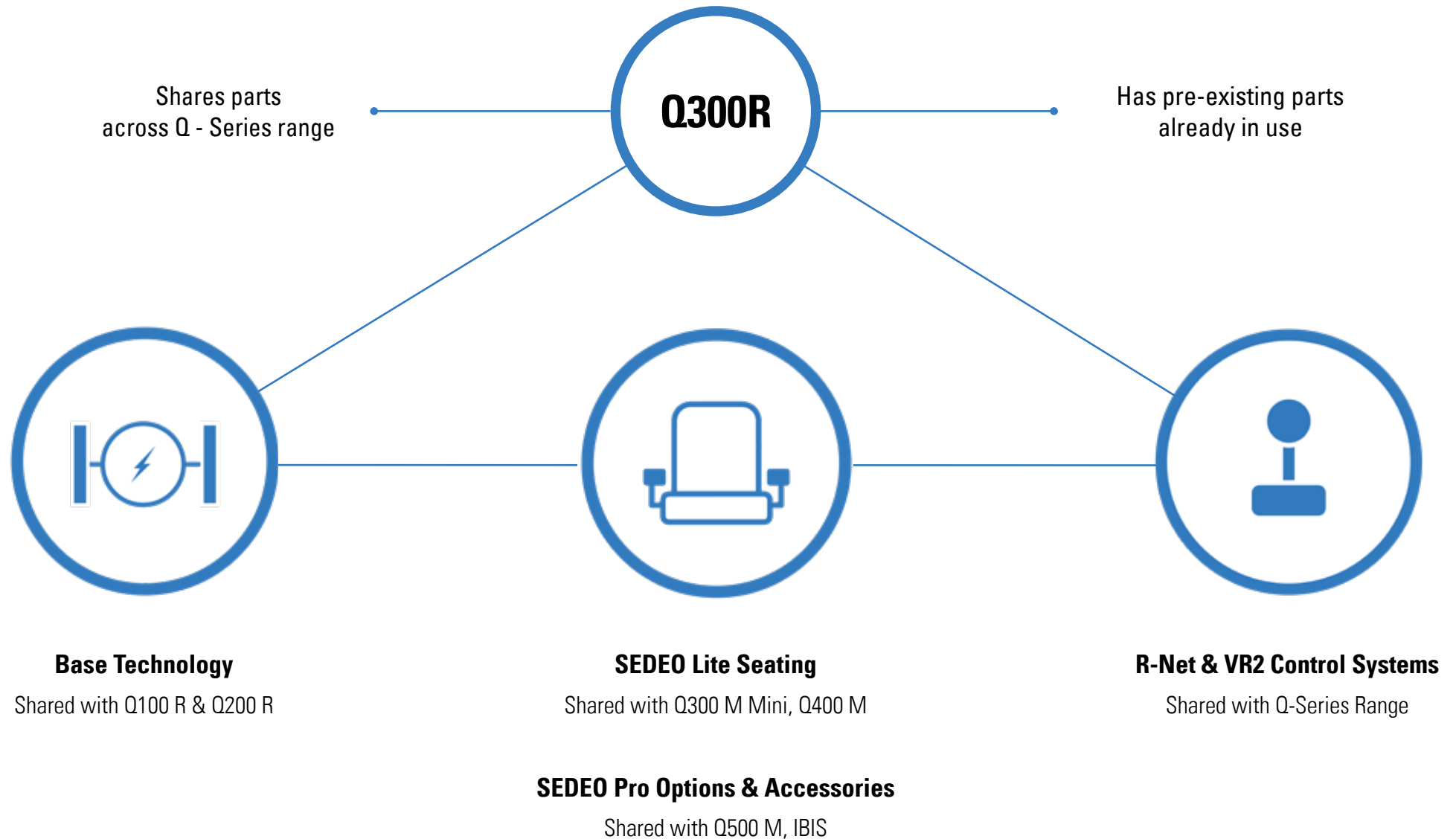
NEW boot style kerb climber

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

PRODUCT OVERVIEW

FLEET COMPATABILITY

Area of focus - Reduce Complexity | Reduce Stock | Reduce Cost

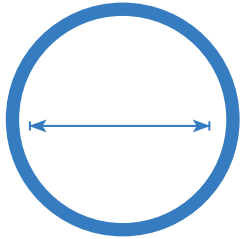


Q300 R

SUMMARY

In Summary, the Q300 R:

Address the feedback associated with Postural RWD Powerchairs:



Too large to get around the house easily



Poor outdoor performance associated with incorrect COG set up



Smart Base

Optimised COG for traction & stability



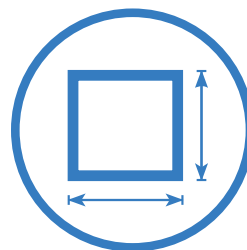
Modular SEDEO Seating System

Moderate to complex postural seating



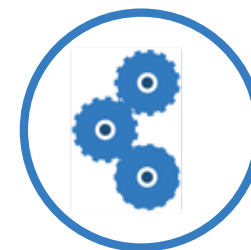
Proven Quality

Tried & Tested chassis and seating system



Compact Chassis

Best RWD indoor manoeuvrability



Increased Fleet Compatibility

Shared base & seating components

DESIGN SCOPE

DESIGN OBJECTIVES

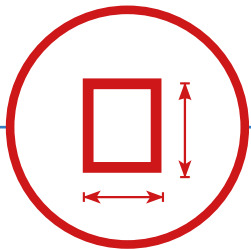
Need something smaller? We wanted to offer a more compact solution focused on the indoors



VS



Prescription decision between **MWD** as the most manoeuvrable vs. **RWD** due to customer preference, historic user or other reasoning



Can we further develop the Q300 R to address this feedback and reduce this compromise as much as possible



Develop an ultra-compact RWD chassis to reduce as much as possible the prescription compromise of a RWD chair for indoor manoeuvrability

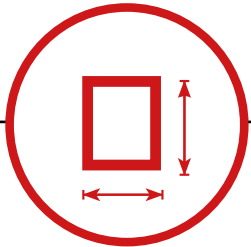


Provide #1 solution for indoor, complex RWD powerchair users

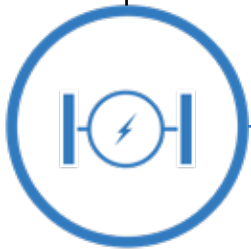
Q300 R MINI

OVERVIEW

An overview of the Q300 R Mini, giving an insight in the key features

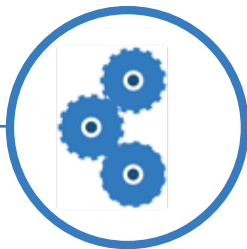


Most compact postural RWD tilt-in-space chair on the market – 56 cm



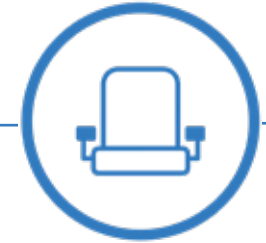
Smart Base

Utilises the same Smart Base technology as Q300 R



Maintains fleet compatibility

Thanks to shared components



Modular SEDEO Seating System

Utilises same SEDEO Lite seating system



Proven Quality

Drive base and seating

PRODUCT OVERVIEW

ULTRA COMPACT

The Q300 R Mini is much more compact version of the Q300 R drive base



Centre mount footplate

- Same option used on Q300 M Mini & Q400 M
- Reduces overall length & turning circle for an even more compact and manoeuvrable base

Achieves this via smaller wheels



○ 12" Drive Wheel



○ 8" Castor Wheel

○ **Base width vs Market**

	Base Width	Vs Q300 R
Q300 R Mini	56 cm	-
Q300 R	58 cm	+ 2 cm
Salsa R2	64 cm	+ 8 cm
Spectra XTR	62 cm	+ 6 cm
Bora	62 cm	+ 6 cm
RX20 (Tilt)	56 / 63.5 cm	+ 7.5 cm

Q300 R MINI

SUMMARY

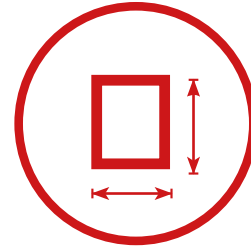
Utilises all the features of the Q300 R as previously mentioned, in a much more compact package



Develop an ultra-compact RWD chassis to reduce as much as possible the prescription compromise of a RWD chair for indoor manoeuvrability



Provide #1 solution for indoor, complex RWD powerchair users



Ultra Compact Chassis

Most compact postural RWD tilt-in-space chair on the market – 56 cm



Modular SEDEO Seating System

Utilises same SEDEO Lite seating system



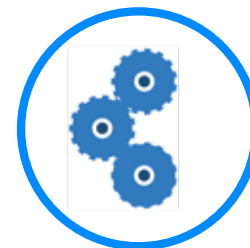
Proven Quality

Drive base and seating



Smart Base

Utilises same Smart Base technology as Q300 R



Increased Fleet Compatibility

Maintains fleet compatibility thanks to shared components

COMPARISON

Q300 R

- Sedeo Lite Seating System
- Sling Backrest
- Fixed Tilt
- Angle Adjustable Backrest
- Flip Back Armrest
- Side Guard
- SEDEO Lite 70 degree S/A Legrest
- VR2 Joystick
- 10kph Motor
- 14" Drive Wheels
- 9" Castors
- 56ah Batteries



COMPARISON

Q300 R MINI

- Sedeo Lite Seating System
- Sling Backrest
- Fixed Tilt
- Angle Adjustable Backrest
- Flip Back Armrest
- Side Guard
- **SEDEO Lite Centre Mount Legrest**
- VR2 Joystick
- **6kph Motor**
- **12" Drive Wheels**
- **8" Castors**
- 56ah Batteries



MOTABILITY SPECS

Q300 R

10kph, Fixed Tilt & SEDEO Pro Flexi Backrest

Complete Package RRP	£7,681
Product ID Code	706361
Motability Weekly Rental	£43.35

10kph, Powered Tilt & SEDEO Pro Flexi Backrest

Complete Package RRP	£8,856
Product ID Code	706360
Motability Weekly Rental	£48.79

10kph, Powered L&T & SEDEO Pro Flexi Backrest

Complete Package RRP	£9,616
Product ID Code	706359
Motability Weekly Rental	£53.12

MOTABILITY SPECS

Q300 R MINI



6kph, Fixed Tilt & SEDEO Pro Flexi Backrest

Complete Package RRP	£6,810
Product ID Code	706364
Motability Weekly Rental	£42.18

6kph, Powered Tilt & SEDEO Pro Flexi Backrest

Complete Package RRP	£7,985
Product ID Code	706363
Motability Weekly Rental	£47.63

6kph, Powered L&T & SEDEO Pro Flexi Backrest

Complete Package RRP	£8,745
Product ID Code	706362
Motability Weekly Rental	£51.96

TECHNICAL DATA

Seat width	385 - 520 mm	Maximum range (ISO 7176-4)	32 km
Seat depth	410 - 510 mm	Product weight (with 50 Ah batteries)	124 kg
Seat height	410 - 490 mm	Maximum user weight	136 kg
Back height	460 - 510 mm	Drive wheels	12" / 14"
Lower leg length	305 - 460 mm	Castor wheels	8" / 9"
Power tilt	0 - 30°	Maximum speed	10 kph
Total width	550 - 580 mm	Battery size	50 / 55 / 63 Ah
Total length (with centre-mount)	1060 - 1100 mm	Electronics	VR2 / R-Net
Turning circle	1150 mm	Crash tested	Yes - approved for forward facing transport in a vehicle (ISO 7176-19). Attachment: 4 chair fixing points with 2 double straps rear and 2 single straps front. No anchored belt restraints allowed. The ease of access and manoeuvrability in vehicles depends on the wheelchair size.
Maximum safe	6°		
Maximum kerb climbing	100 mm		
Transport without user	Fix the wheelchair safe in the vehicle (e.g. car or plane).		
Intended use and environment	For people with limited mobility, indoor and outdoor use. Wheelchair type class B		