

Technical Specification - Rascal Vista DX Scooter

Wheelchair type Class	Class A, B or C	Class B
Department of Transport Class	Class 1 2 or 3	Class 2
Overall dimensions fully assembled	length x width x height mm (in)	1180 (46.5) x 585 (23.0) x 1150 (45.27)
Dimensions seat back and tiller folded	length x width x height mm (in)	1180 (46.5) x 585 (23.0) x 860 (33.85)
Maximum carrying capacity	kg (lb)	140 (308.65)
Mass (weight) including 50 Ah batteries	kg (lb)	86.2 (190)
Mass (weight) of heaviest part	kg (lb) Front chassis	25 (55.12)
Mass (weight) of battery packs x 2	kg (lb)	16.7 (36.81) x 2 = 33.4 (73.63)
Maximum shopping basket load	kg (lb)	4.5 (9.9)
Standard battery voltage and capacity	Volts and Ampere hours	12V / 50Ah x 2
Type of seat	Captain's seat with folding backrest, headrest and adjustable arms. Integrated swivel and slide functions.	
Mass (weight) of seat	kg (lb)	14.2 (31.3)
Wheel size	front & rear mm (in)	230(9) x 75 (3) x 50 (2)
Type of tyres	Solid foam filled - puncture proof	
Suspension	Type	Front and rear - coil sprung
Maximum speed	km/h (m.p.h.)	6.4 (4)
Minimum braking distance from maximum speed	m (ft)	1.77 (5.8)
Range*	km (miles)	Up to 55.52 (34.5)
The turn-around width	m (ft)	1.7 (5.8)
Turning radius	m (ft)	1.5 (4.9)
The maximum safe slope	degrees of slope	6° - Do not exceed the scooter may topple
The maximum climbing ability facing upwards	degrees of slope	6°
Ground clearance	mm (in)	75 (3)
Maximum obstacle climbing ability	mm (in)	60 (2.36)
Maximum safe descendable kerb height	mm (in)	60 (2.36)
Force to operate Accelerator control	Newtons (lbs)	2.5 (0.55)
Force to operate Freewheel lever	Newtons (lbs)	58.8 (13.2)
Ambient operating temperature range	°C (°F)	2 (35.6) to 40 (104)

Note: Pneumatic Tyre Option. This vehicle can be supplied with pneumatic tyres - Ask your Dealer for details.

This scooter meets the relevant requirements of ISO 7176:14 2008 *Range on full charge and flat ground. Due to a policy of continual improvement, Electric Mobility Euro Ltd. reserves the right to change specifications without prior notice.