

Technical Specification - Rascal Vision Scooter

Wheelchair type Class	Class A, B or C	Class C
Department of Transport Class	Class 1 2 or 3	Class 3
Overall dimensions fully assembled	length x width x height mm (in)	1540 (60.6) x 720 (28.3) x 1400 (55)
Dimensions seat and tiller folded	length x width x height mm (in)	1540 (60.6) x 720 (28.3) x 1070 (42.1)
Maximum carrying capacity	kg (lbs)	204 (450)
***Mass (weight) including 75 Ah batteries	kg (lbs)	156.5 (345)
Mass (weight) including 60 Ah batteries	kg (lbs)	142.9 (315)
Mass (weight) of chassis (heaviest part) w/75 Ah batteries	kg (lbs)	134.6 (296.7)
Mass (weight) of chassis (heaviest part) w/60 Ah batteries	kg (lbs)	121 (266.8)
Standard battery voltage and capacity	volts and ampere hours	12V / 75Ah x 2
Light weight battery option	volts and ampere hours	12v / 60Ah x 2
Type of seat	Swivel seat with folding backrest and adjustable arms	
Mass (weight) of swivel seat	kg (lbs)	21.8 (48)
Wheel/tyre dimensions	front mm (in)	90 x 80-8 (14 x 3.5-8)
Wheel/tyre dimensions	rear mm (in)	90 x 80-10 (16 x 4-10)
Type of tyres	type	Pneumatic
Maximum speed**	km/h (m.p.h.)	12.87 (8)
Minimum braking distance from maximum speed	m (ft)	3.7 (12.13)
Minimum braking distance from maximum speed using emergency brake	m (ft)	2.2 (7.21)
*Range with standard battery option	km (miles)	Up to 45 (27.96)
*Range with light weight battery option	km (miles)	Up to 33 (20.5)
The turn-around width	m (ft)	2.21 (7.25)
The maximum safe slope	degrees of slope	10° - Do not exceed the scooter may topple
The maximum climbing ability facing upwards	degrees of slope	10°
Maximum user weight @ 10° uphill	kg (lbs)	190 (420)
Maximum user weight @ 10° downhill	kg (lbs)	204 (450)
Ground clearance	mm (in)	120 (4.72)
Maximum obstacle climbing ability	mm (in)	100 (4)
Maximum safe descendable kerb height	mm (in)	100 (4)
Force to operate Accelerator control	Newtons (lbs)	2 (0.45)
Force to operate Freewheel lever	Newtons (lbs)	45 (10.1)
Force to operate Emergency brake lever	Newtons (lbs)	60 (13.5)
Ambient operating temperature range	°C (°F)	2 (35.6) to 40 (104)
USB Accessory outlet	Voltage & max. current	5V dc / 3 Amps

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 reserves the right to change specifications without prior notice. **The Rascal Vision is also available in a 15 km/h speed rating version for European use. - Please contact: export@electricmobility.co.uk for further details. *** Please note that a 100 AH battery upgrade is now available enabling an increase in total range of up to 60 Km or 37 miles.