

Technical Specification - Rascal Vantage X 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)	1200 (47.24) x 585 (23.03) x 1160 (45.7)
Dimensions seat and tiller folded	length x width x height mm (in)	1200 (47.24) x 585 (23.03) x 755 (29.72)
Maximum carrying capacity@ 7° incline*	kg (lbs)	149.7(330)
Maximum carrying capacity @ 10° incline*	kg (lbs)	113.4 (250)
Mass (weight) including 50 Ah batteries	kg (lbs)	87.8 (193.57)
Mass (weight) of chassis (heaviest part) w/50 Ah batteries	kg (lbs)	72.6 (160.05)
Standard battery voltage and capacity	volts and ampere hours	12V / 50Ah x 2
Type of seat	Captain's Seat with adjustable headrest, folding backrest and adjustable arms.	
Mass (weight) of seat	kg (lbs)	14.6 (32.2)
Wheel/tyre dimensions	front mm (in)	71 x 63.5 - 101 (2.8 x 2.5 - 4)
Wheel/tyre dimensions	rear mm (in)	76.2 x 76.2 - 101 (3 x 3 - 4)
Maximum speed	km/h (m.p.h.)	9.65 (6)
Minimum braking distance from maximum speed	m (ft)	1.4 (4.59)
*Range with standard battery option	km (miles)	Up to 42 (26)
The turn-around width	m (ft)	1.4 (4.59)
The maximum safe slope	degrees of slope	10 / 7° * See carrying capacity! Do not exceed the scooter may topple!
The maximum climbing ability facing upwards	degrees of slope	10 / 7° * See carrying capacity! Do not exceed the scooter may topple!
Ground clearance	mm (in)	65 (2.6)
Maximum obstacle climbing ability	mm (in)	76 (3)
Maximum safe descendable kerb height	mm (in)	76 (3)
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)

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.