

# Technical Specification - Rascal Ventura 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)	1310 (51.6) x 684 (26.9) x 1073 (42.3)
Dimensions seat and tiller folded	length x width x height mm (in)	1310 (51.6) x 684 (26.9) x 858 (33.8)
Maximum carrying capacity	kg (lbs)	159 (350)
Maximum carrying capacity w/75/80 Ah batteries	kg (lbs)	133.8 (295)
Mass (weight) including 50 Ah batteries	kg (lbs)	119 (262)
Mass (weight) including 75/80 Ah batteries	kg (lbs)	144.2 (318)
Mass (weight) of chassis (heaviest part) w/50 Ah batteries	kg (lbs)	100.9 (222.4)
Mass (weight) of chassis (heaviest part) w/75/80 Ah batteries	kg (lbs)	126.1 (278)
Standard battery voltage and capacity	volts and ampere hours	12V / 50Ah x 2
Type of seat	Captain (enhanced) - swivel, head rest, reclining/folding back & arms with width/height adjustment and seat slide function.	
Mass (weight) of swivel seat	kg (lbs)	18 (39.6)
Wheel/tyre dimensions	front & rear mm (in)	105 x 90-50 (4.1 x 3.5-6)
Type of tyres	type	Pneumatic
Tyre Pressures normal front/rear	p.s.i. (bar)	36 (2.48) / 36 (2.48)
Maximum speed	km/h (m.p.h.)	12.87 (8)
Minimum braking distance from maximum speed	m (ft)	2.9 (9.5)
*Range with standard battery option	km (miles)	Up to 37 (23)
*Range with 75/80 Ah battery option	km (miles)	Up to 59.2 (36.8)
The turn-around width	m (ft)	1.85 (6.06)
Turning diameter	m (ft)	3.18 (10.43)
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)	159 (350)
Maximum user weight @ 10° uphill w/80 A/H batteries	kg (lbs)	133.8 (295)
Maximum user weight @ 10° downhill	kg (lbs)	159 (350)
Maximum user weight @ 10° downhill w/80 A/H batteries	kg (lbs)	133.8 (295)
Ground clearance	mm (in)	90 (3.54)
Maximum obstacle climbing ability	mm (in)	100 (4)
Maximum safe descendible 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 Euro Ltd. reserves the right to change specifications without prior notice.