

Technical Specification - Rascal Frontier 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)	1430 (56) x 650 (26) x 1020 (40)
Dimensions seat removed tiller folded	length x width x height mm (in)	1430 (56) x 650 (26) x 730 (29)
Maximum carrying capacity at 7° incline*	kg (lb)	136 (300)
Maximum carrying capacity at 10° incline*	kg (lb)	106.5 (235)
Mass (weight) including batteries (55Ah)	kg (lb)	99.5 (219.3)
Battery voltage and maximum capacity	volts and ampere hours	12V 55Ah x 2
Type of seat	Captain (regular)	Swivel, folding back & arms with width adjustment.
Mass (weight) of seat	kg (lb)	14.5 (32)
Wheel size	front/rear mm (in)	Front wheel 260 x 76 (10 x 3) Rear wheel 291 x 76 (11 x 3)
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.)	12.9 (8)
Minimum braking distance from maximum speed	metres (feet)	3.2 (10.5)
Range on full charge and flat ground	km (miles)	Up to 40 (25)
The turn-around width	m (ft)	1.4 (4.6)
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° at 235lbs - see max carrying capacity* 7° at 300lbs - see max carrying capacity*
Ground clearance	mm (in)	90 (3.5)
Maximum obstacle climbing ability	mm (in)	100 (4)
Maximum safe descendable kerb height	mm (in)	100 (4)
Ambient operating temperature range	°C (°F)	2 (35.6) to 40 (104)
Force to operate Accelerator control	Newtons (lbs)	2 (0.45)
Force to operate Freewheel lever	Newtons (lbs)	45 (10.1)

This scooter meets the relevant requirements of ISO 7176:14 2008. Due to a policy of continual improvement, Electric Mobility Euro Ltd. reserves the right to change specifications without prior notice.