

Technical Specification - Rascal Pioneer scooter

Wheelchair type	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)	1470 (58) x 645 (25) x 1300 (51)
Dimensions seat back and tiller folded	length x width x height mm (in)	1470 (58) x 645 (25) x 730 (29)
Maximum carrying capacity	Kg (lbs) ((stone))	159 (350) ((25))
Mass (weight) including batteries	Kg (lbs)	130 (286.6)
Mass (weight) of heaviest part	Kg (lbs) Front chassis	14.7 (32.4)
Mass (weight) of LiFe 27Ah Battery Pack	Kg (lbs)	7.0 (15.4)
Maximum shopping basket load	Kg (lbs)	4.5 (9.9)
Battery Voltage & Capacity	Volts and Ampere-hours	12V 75Ah x 2
Type of seat	Captain (enhanced)	Swivel, head rest, reclining/folding back & arms with width adjustment and seat slide function.
Mass (weight) of seat	Kg (lbs)	18 (39.6)
Wheel dimensions Front & Rear	mm (in)	305 x 76 (12 x 3) / 305 x 76 (12 x 3)
Type of tyres	type	Pneumatic or puncture proof infill tyres
Pneumatic 'Air' Tyre Pressure	Front/Rear p.s.i. (bar)	36 (2.48)
Maximum speed	Km/h (m.p.h.)	12.8 (8)
Minimum braking distance at max. speed	m (ft)	3.2 (10.49)
Range* - 75Ah Batteries Max User Weight	Km (miles)	43.7 (27.3)
Range* - 75Ah Batteries 90kg User Weight	Km (miles)	56.0 (35.0)
Turn-around width	m (ft)	2.02 (6.7)
Min. turning radius	m (ft)	1.7 (5.6)
Maximum safe slope	Degrees of slope	10° -Do not exceed scooter may topple
Maximum climbing ability facing forward	Degrees of slope	10°
Ground clearance	mm (in)	90 (3.5)
Maximum obstacle climbing ability	mm (in)	100 (4)
Maximum safe descendable kerb height	mm (in)	100 (4)
Force to operate accelerator control	Newtons (lbf)	2 (0.45)
Force to operate freewheel lever	Newtons (lbf)	45 (10.1)
Ambient operating temperature range**	°C (°F)	2 (35.6) to 40 (104)

NOTE: This scooter meets the relevant requirements of ISO 7176-14:2008 Electrical Safety

*Range on full charge, and flat ground based on ISO 7176-4:2008 Theoretical Distance Test

**Do not charge battery outside this temperature range. Doing so can permanently damage battery.

Due to a policy of continual improvement, Electric Mobility Euro Ltd. reserves the right to change specifications without prior notice.