

# Technical Specification - Rascal 850

Description of Information Provided	Type of information	Information
Wheelchair Type Class & Department of Transport Class	Class A, B or C, Class 1, 2 or 3	Class C3
Overall Dimensions fully assembled	Length x Width x Height in mm Ins in ( )	1270 (50) x 650 (25) x 1240 (49)
Dimensions Seat removed tiller folded	Length x Width x Height in mm Ins in ( )	1270 (50) x 650 (25) x 590 (23)
Maximum carry capacity	Kg, lb( )	136 kg (300 lbs)
Mass (Weight) including batteries	Kg, lb( )	106 kg (233 lbs)
Battery Voltage and Capacity	Volts and ampere hours	One 12V 50 Ah
Mass (Weight) of Battery Pack	Kg, lb( )	31 kg (68lbs)
Type of Seat		Adjustable height and backrest swivel seat with fore and aft seat adjustment with adjustable headrest
Mass (Weight) of Seat	Kg, lb( )	17.8 kgs (38.8 lbs)
Mass (Weight) of front section	Kg, lb( )	Chassis in one piece
Mass (Weight) of rear section	Kg, lb( )	Chassis in one piece
Wheel Size	Front/Rear mm Ins in ( )	300 x 100/ 300 x 100 (12" x 4" / 12" x 4")
Type of Tyres	Type	Pneumatic
Tyre Pressures normal	Front/Rear p.s.i. (bar)	30 p.s.i. (2 bar)
Tyre Pressures maximum - not to be exceeded	Front/Rear p.s.i. (bar)	35 p.s.i. (2.3 bar)
Maximum Speed	In km/h & (m.p.h.)	12.8 kph (8 mph)
Minimum braking distance from maximum speed	In Metres	1.8 m
Range on full charge and flat ground	Km (miles)	Up to 38 (24) 300lbs rider
The turn-around width	In m and ft	3.12 m (10.2 ft)
The maximum safe slope - Do not exceed the scooter may topple	Degrees	9°
The maximum climbing ability facing upwards (Rider weight less than 85kg or 189lbs)	Degrees of slope	9°
Ground Clearance	In mm Ins in ( )	150 (6)
The maximum obstacle climbing ability	In mm Ins in ( )	100 (4)
The maximum height of kerb which vehicle can descend safely	In mm Ins in ( )	100 (4)