

Technical Specification - Rascal Vippi Scooter

Wheelchair type	Class A, B or C	Class B
Department of Transport class	Class 1, 2 or 3	Class 2
Overall dimensions fully assembled	length x width x height mm (in)	1000 (39.4.) x 495 (19.5) x 890 (35.0)
Dimensions seat back and tiller folded	length x width x height mm (in)	1000 (39.4.) x 495 (19.5) x 450 (17.7)
Maximum carrying capacity	Kg (lbs) ((stone))	130 (286) ((20.4))
Mass (weight) including 14Ah batteries	Kg (lbs)	43.6 (96.1)
Mass (weight) of heaviest part	Kg (lbs)	15.4 (33.9)
Mass (weight) of battery pack	Kg (lbs)	9.9 (21.8)
Maximum shopping basket load	Kg (lbs)	4.5 (9.9)
Battery voltage and capacity	Volts and Ampere-hours	12V / 14Ah x 2
Type of seat	Comfort seat with folding backrest and adjustable arms	
Mass (weight) of seat	Kg (lbs)	7.9 (17.4)
Wheel dimensions front	mm (in)	190 (7.5) × 50 (2)
Wheel dimensions rear	mm (in)	200 (7.9) × 50 (2)
Type of tyres	Solid foam filled - puncture proof	
Maximum speed	Km/h (m.p.h.)	6.4 (4)
Minimum braking distance at max. speed	m (ft)	0.94 (3.1)
Range*– 130kg (Max User Weight)	Km (miles)	15.6 (9.7)
Range**– 90kg User Weight	Km (miles)	18.5 (11.5)
Range**– 44kg User Weight	Km (miles)	22.5 (14.0)
Turn-around width	m (ft)	1.35 (4.4)
Maximum safe slope	Degrees of slope	6° -Do not exceed scooter may topple
Maximum climbing ability facing forward	Degrees of slope	6°
Ground clearance	mm (in)	35
Maximum obstacle climbing ability	mm (in)	50 (2)
Maximum safe descendable kerb height	mm (in)	50 (2)
Force to operate accelerator control	Newtons (lbf)	3.2 (0.72)
Force to operate freewheel lever	Newtons (lbf)	58.8 (13.2)
Ambient operating temperature range**	°C (°F)	2 (35.6) to 40 (104)

NOTE: This Scooter meets the relevant requirements of ISO 7176-14 :2008

*Maximum Theoretical Range on full charge and flat ground at maximum user weight to ISO 7176-4:2008.

**Range figures derived from testing data based on battery specifications and drive system performance to an accuracy of + / - 10%. Due to a policy of continual improvement, Electric Mobility Euro Ltd. reserves the right to change specifications without prior notice.