

PRODUCT SPECIFICATIONS SHEET

Model: Colt Executive

Document Information: INFINF B2711/Rev C/February 2023

Model Number	SC714
Class	C
Weight Capacity	181 kg (28 stone 8 lbs.; 400 lbs.)
Maximum Speed ¹	Up to 12.5 km/h (7.8 mph) Up to 12 km/h (7.5 mph) in Israel
Ground Clearance ²	89 mm (3.5 in.) at motor
Turning Radius ²	1905 mm (75 in.)
Reversing Width (K-turn) ²	2108 mm (83 in.)
Overall Length ²	1422 mm (56 in.)
Overall Width ²	692 mm (27.25 in.)
Tyres	Front and rear: 330 mm (13 in.), pneumatic
Range Per Charge ^{1, 4}	Up to 39.25 km (24.4 miles)
Total Weight Without Batteries ^{2, 5}	125.25 kg (276.25 lbs.)
Heaviest Piece When Disassembled ²	Main frame: 100 kg (221.25 lbs.)
Standard Seating	Type: CRS Deluxe Weight: 25 kg (55 lbs.) Material: Black Vinyl Dimensions: 533 mm (21 in.) overall width 432 mm (17 in.) effective depth
Drive System	Rear-wheel drive, sealed transaxle, 24-volt DC motor
Dual Braking System	Regenerative and electromechanical
Battery Requirements ³	Type: Two 12 volt, sealed lead-acid, non-spillable, deep-cycle Size: Group 31 (100 Ah)
Battery Weight ⁶	27.5 kg (60.5 lbs.) each
Battery Charger	8 amp, off-board
Freewheel Operational Force	Less than 60 N
Drive Control Operational Force	Less than 5 N
Maximum Rated Slope	10° (17.6%)
Maximum Obstacle Climbing Ability (Ascending and Descending)	100 mm (4 in.)
Seat to Deck Height	502 - 514 mm (19.75 - 20.25 in.)
Seat Height	692 - 730 mm (27.25 - 28.75 in.)
Overall Height	1346 - 1435 mm (53 - 56.5 in.)
Measured Sound Level (A-weighted)	Less than 75 dB

¹ Varies with user weight, terrain type, battery amp hour rating (Ah), battery charge, battery condition, motors, controller type, tyre type, and tyre condition. This specification is subject to a variance of +10%, -5%.

² Due to manufacturing tolerances and continued product improvement, this specification can be subject to a variance of (+ or -) 3%.

³ AGM, Gel-Cell, or Hybrid Gel (Hybrid Gel is defined as Nano Silica Gel Electrolyte with High Quality Glass Mat Separators) type required. See III. "Batteries and Charging."

⁴ Tested in accordance with ANSI/RESNA, WC Vol. 2, Section 4 & ISO 7176-4 standards. Results derived from theoretical calculations based on battery specifications and drive system performance. Test conducted at maximum weight capacity.

⁵ Includes standard seat.

⁶ Battery weight may vary based on manufacturer.

NOTE: This product conforms to all applicable ANSI/RESNA, ISO 7176 series, AS/NZS 3695.2, and EN12184 standards. All specifications subject to change without notice.



