

Lightning



The **Lightning** rear-wheel drive power chair from the Quantum range features a high forward pivot long trail arm, a state-of-the-art design that provides dramatically improved obstacle climbing performance and a smoother ride.

It also provides outstanding tight space manoeuvrability, a sliding battery tray for easy access and accepts rehab seating and electronics. With its stylish, sleek design and a standard speed of up to 6,4 km/h, the Lightning is a superior power chair for even the most active clients.



QUANTUM[®]

#1 FOR REHAB POWER



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Specifications

DRIVE WHEELS	14" pneumatic or flat free
CASTER WHEELS	10" pneumatic or 9" pneumatic or flat free
MAXIMUM SPEED ¹	Up to 10,6 km/h
GROUND CLEARANCE	102 mm
TURNING RADIUS ²	756 mm
LENGTH ^{2,5}	1100 mm with front riggings 910 mm without front riggings
WIDTH ^{2,5}	635 mm
SUSPENSION	Active-Trac ATX with Long Trail arm
SEATING SIZES	
TRU-BALANCE FLEX ¹²	Width: 380 - 560 mm Depth: 380 - 510 mm
TRU-BALANCE ^{3 12}	Width: 305 - 610 mm Depth: 305 - 610 mm
SEAT TO FLOOR HEIGHT ^{9,10,11}	420 mm (Low) 445 mm (Middle) 470 mm (High)
BATTERY SIZE ³	Two 12 volt, deep-cycle 62 or 75 Ah
BATTERY WEIGHT	62 Ah: 18,7 kg 75 Ah: 24,4 kg
BATTERY CHARGER	8 Amp, off-board
ELECTRONICS	VR2 (TRU-Balance Flex only) or Q-Logic
DRIVE TRAIN	Two-motor, rear-wheel drive
MAX RANGE PER CHARGE	Up to 26,5 km
BRAKING SYSTEM	Intelligent brakes (electronic regenerative, disc park brake)
WEIGHT CAPACITY ⁴	136 kg
BASE WEIGHT WITHOUT BATTERIES	58,5 kg

- Speed varies with user weight, terrain type, battery charge, battery condition and tire pressure
- Without front riggings
- AGM or Gel-Cell type required. See VI. "Batteries and Charging."
- Battery capacity may change when adding power positioning systems
- Weight capacity is dictated by the selection of seating
- All Quantum Rehab units can be ordered with specialty controls
- Battery weight may vary +/- 1,3 kg based on manufacturer
- Weight capacity is reduced to 181 kg with the iLevel power adjustable seat height
- Seat-to-floor heights are measured with the unit unloaded
- Tilt or lift adds 35 mm
- Measurements without seat cushion
- Seating bigger than 635 mm is not compatible with iLevel

NOTE: All specifications subject to change without notice.

The information contained herein is correct at the time of publication; we reserve the right to alter specifications without prior notice. Speed and range vary with user weight, terrain type, battery charge, battery condition and tire pressure. Due to manufacturing tolerances and continual product improvement, length, width, turning radius and ground clearance can be subject to variance of + or - 3%. Dimensions listed are for power base only. Overall measurements will vary based on seating and accessory measurements.

Theoretical range is calculated under test conditions in accordance with European standards. Actual range in normal use will depend on many factors, including the condition of the vehicle and its batteries, the weight of the driver, correct tire pressures, ambient temperature, and the gradient and surface of the road or pavement.



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Features

- 641 mm width and 883 mm length
- Excellent manoeuvrability
- Max speed up to 10 km/h
- High-performance, high-efficiency motor package
- Swing-away joystick
- Accommodates full range of Quantum seating and accessories
- Sliding battery tray for easy access
- Crash tested

Colours

