

# QUANTUM<sup>®</sup> Q1450

Advanced  
Front-wheel Drive



Quantum<sup>®</sup> 1450 shown with  
Synergy<sup>®</sup> Seating System and  
Q-Logic Drive Controls

The new Quantum<sup>®</sup> 1450 front-wheel drive bariatric power base features innovative design that provides exceptional outdoor performance while delivering outstanding tight space manoeuvrability. The 1450 accepts a complete range of rehab seating and electronics options.



**QUANTUM<sup>®</sup>**

The Rehab Power Chair Solutions Company

[www.quantumrehab.com](http://www.quantumrehab.com)

# Specifications

<b>DRIVE WHEELS</b>	35.56 cm (14") solid
<b>ANTI-TIPS (FRONT)</b>	10.16 cm (4")
<b>CASTOR WHEELS (REAR)</b>	22.86 cm (9")
<b>SUSPENSION</b>	Swing Arm Suspension
<b>MAXIMUM SPEED <sup>1</sup></b>	Up to 7.24 km/h (4.5 mph)
<b>BRAKES</b>	Intelligent braking (electronic, regenerative disc brakes)
<b>GROUND CLEARANCE <sup>2</sup></b>	7.62 cm (3") at center of frame
<b>TURNING RADIUS <sup>2</sup></b>	67.31 cm (26.5")
<b>OVERALL SIZE <sup>2,6</sup></b>	Length: 97.15 cm (38.25") (without foot riggings) Width: 74.29 cm (29.25")
<b>SEATING</b>	Synergy <sup>®</sup> Seat Adjustable Width: 50.8 cm - 81.28 cm (20"-32") Adjustable Depth: 50.8 cm - 71.12 cm (20"-28") TRU-Balance <sup>®</sup> Bariatric Power Tilt Adjustable Width: 50.8 cm - 81.28 cm (20"-32") Adjustable Depth: 50.8 cm - 71.12 cm (20"-28") High-back Seat (81.28 cm x 71.12 cm (32" x 28") max. dim.)
<b>DRIVETRAIN</b>	2-motor, front-wheel
<b>BATTERIES <sup>3</sup></b>	Two 12 volt, deep cycle, Group 24, 70 AH
<b>RANGE PER CHARGE <sup>1,4</sup></b>	Up to 19.31 km (12 miles)
<b>BATTERY CHARGER</b>	8A, off-board
<b>AVAILABLE ELECTRONICS</b>	Q-Logic 2
<b>WEIGHT CAPACITY <sup>7</sup></b>	272 kg (600 lbs.) (user weight)
<b>BASE WEIGHT</b>	88.5 kg (195 lbs.)
<b>BATTERY WEIGHT <sup>5</sup></b>	23.6 kg (52 lbs.) (each)
<b>WARRANTY</b>	Lifetime limited warranty on frame; 2-year warranty on electronics; 18-month warranty on drive motor

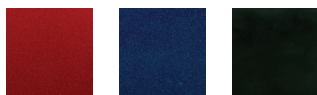
# Features

- 272 kg (600 lbs.) weight capacity
- Maximum speed up to 7.24 km/h (4.5 mph)
- High-performance, high-efficiency motor package
- Accepts a wide range of seating and positioning systems

# Options

- TRU-Balance<sup>®</sup> HD Power Tilt
- Manual and Power Elevating Leg Rests
- Headrest
- Comfort seating

# Shroud Colours



Candy Apple Red    Viper Blue    Onyx Black



Silver    Orion Yellow    True Blue

### FOOTNOTES:

- 1) Range and speed vary with user weight, terrain type, battery charge, battery condition and tire pressure.
- 2) Due to manufacturing tolerances and continual product improvement, this specification can be subject to variance of + or - 3 %. Dimensions listed are for power base only. Overall measurements will vary based on seating and accessory selections.
- 3) AGM or gel cell type required.
- 4) Tested in accordance with ANSI/RESNA, WC Vol. 2, Section 4, standards. Results derived from theoretical calculations based on battery specifications and drive system performance. Testing conducted at maximum weight capacities. This specification can be subject to a variance of +10%, -5%.
- 5) Battery weight may vary based on manufacturer.
- 6) Dimensions listed are for power base only. Measurements will vary based on seating and accessory selections.
- 7) Multiple power codes only available to 550 lbs.

The information contained herein is correct at the time of publication; due to Pride's commitment to constant improvement and development, we reserve the right to alter specifications without prior notice.

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 tyre pressures, ambient temperature, and the gradient and surface of the road or pavement.