## CHELIOC2







# Something had to be done. We did it.

Motion Composites believes in empowering wheelchair users. Why? Because clunky and inefficient equipment is unfortunately too common. Which means you're less mobile and less efficient than you could be — and should be.

So we did something about it. We use the world's most advanced technologies to enhance people's mobility and improve their lives.

Case in point — the ultra lightweight Helio C2. It offers unrivaled strength and durability through the use of cutting edge carbon fiber technology. With its superior fatigue resistance, extreme temperature tolerances and exceptional durability, carbon fiber is one of the strongest yet lightest materials on earth. That's why it's the ultimate wheelchair manufacturing material.

With its innovative materials and advanced engineering, the Helio C2 2015 is the lightest, most technologically advanced wheelchair in its category.







### 26% lighter than the competition.

The Helio C2's outstanding performance and unrivaled lightness has positively changed how people think about wheelchairs. With a transport weight of only 12 lbs. (5.4 kg), the Helio C2 is at least 9 lbs. (4 kg) lighter than any other wheelchair in its category.

### The lowest seat-to-floor height.

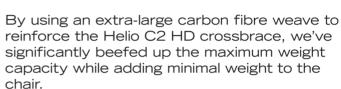
The innovative frame design lets you achieve a super low  $13 \frac{1}{2}$ " (34.3 cm) seat-to-floor height with a 4" caster on a standard frame. That's the same frame that can go up to  $21 \frac{1}{4}$ " (54cm)

### Better design for better mobility.

Even an ultra-lightweight carbon fiber frame can get weighed down without the right components. That's why every single accessory, bolt and bracket of the Helio C2 is designed with weight reduction in mind. From the Flip-Back Convertible Armrests to the forged aluminum axle plate, lightness is a top priority.

# The lightest heavy-duty wheelchair in the world!

350 lbs. (159 kg) maximum weight capacity up to 22" (55.9 cm) wide



The Helio C2 HD can handle up to 350 lbs. (159 kg) with only a 6-oz. (176 g) weight increase over the standard Helio C2. Heavy duty without the HEAVY.

### Get more mileage out of your energy.







**High-Modulus Carbon T700** — The lightest and most rigid material available, also renowned for its vibration dampening properties.



**Rigid Unibody Frame** — A unibody frame is much stronger and needs less maintenance than a standard two-part frame. It also reduces weight while maximizing propulsion efficiency.



**Symmetrical Molded Crossbrace 3D** — Entirely symmetrical carbon fiber crossbrace for reduced torsion and better energy distribution throughout the frame.



**Ultrarigid Folding System** — High-precision tolerances and oversized pivot axles for best-inclass propulsion efficiency.



Forged Vertical Axleplate + — Offers the industry's most precise rear wheel adjustability. The vertical mounting maximizes rigidity and responsiveness.



**Evolve Caster Housing** — Embedded inside the frame for rock-solid durability, the Evolve Caster Housing offers easy and precise infinite adjustments.



**Flip-back Convertible Armrest** — Easy to adjust and made of composite materials for strength and reduced weight, it is the only armrest that converts from flip-back to single post without the use of tools.



**Newton Accessories** — Parts and accessories designed to be lighter, with improved functionality and awesome style.

### **Technical Specifications**

#### Structure

Frame	Folding Unibody Frame
Material	T700 High-Modulus Carbon Fiber
Weight	12 lbs. (5.4 kg) (w/o rear wheels & footrest)
Weight capacity	250 lbs. (113 kg) HD Kit: 350 lbs. (159 kg)
Dimensions	
Width	14" (35.6 cm) to 20" (50.8 cm) 18" (45.7 cm) to 22" (55.9 cm) (Heavy Duty Kit)
Depth	14" (35.6 cm) to 20" (50.8 cm)
Front seat-to-floor height	13" (33.0 cm) to 211/4" (54.0 cm)
Rear seat-to-floor height	12 ½" (31.8 cm) to 20" (50.8 cm)

### Motion Composites

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Back angle 70° to 110°

Weight limit

250 lbs. (113 kg)

(HD Kit: 350 lbs.



Wheel camber 0°, 3°, 6°



Center of gravity 3 ¼" range 8.3 cm range

Armrest height

8" to 14" 20.3 cm to 35.6 cm





