



**MOTION**  
COMPOSITES

# MANUAL WHEELCHAIRS

Canada / International version

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## RIGID

CARBON



APEX C

- High-Modulus Carbon T700 is the lightest most rigid material available renowned for its vibration damping.
- Integrated impact guard with top grip prevents scratches to the frame, adds high friction grip for transfers and protects the lower extremities.
- Built-in highly accurate bubble levels make caster adjustment quick and precise.

ALUMINUM



APEX A

- AluLite aluminum alloy is stronger and lighter than 7005 aluminum.
- Triple-butted aluminum reduces weight while maintaining strength.
- Standard Carbon Fiber Camber Tube: Provides a rigid ride without added weight.

## FOLDING

CARBON



VELOCE

- Unique mantis frame enhances crossbrace rigidity with a cantilever front frame for a minimalist look.
- High-Modulus Carbon T700 is the lightest most rigid material available renowned for its vibration damping.
- Ultrarigid Folding System provides best-in-class propulsion efficiency.

ALUMINUM



HELIO C2

- High-Modulus Carbon T700 is the lightest most rigid material available renowned for its vibration damping.
- Symmetrical Molded Crossbrace reduces torsion for better energy distribution and propulsion efficiency.
- Forged Vertical Axle plate offers precise rear wheel adjustability and maximizes rigidity and responsiveness.



HELIO A7

- Ultralight Aluminum 7005 T6 is an alloy known for its high strength-to-weight ratio.
- Rigid Unibody Frame is stronger and needs less maintenance than a standard two-part frame. It reduces weight while maximizing propulsion efficiency.
- Anti-Flutter System minimizes flutter with a simple twist of a screw.



HELIO A6

- Symmetrical Hydroformed crossbrace reduces torsion for better energy distribution and propulsion efficiency.
- Anti-Flutter System minimizes flutter with a simple twist of a screw.
- Newton Accessories are designed to be lighter, with improved functionality and style.



MOVE

- Rigid Unibody Frame is stronger and needs less maintenance than a standard two-part frame. It reduces weight while maximizing propulsion efficiency.
- Vertical Axleplate offers multiple center of gravity positions for optimal efficiency and maximizes rigidity and responsiveness.
- Flip-back Convertible Armrest made of composite materials for strength and reduced weight offer tool-less conversion from flip-back to single post.

## YOUTH

CARBON



HELIO kids

- High-Modulus Carbon T700 is the lightest most rigid material available renowned for its vibration damping.
- Symmetrical Molded Crossbrace reduces torsion for better energy distribution and propulsion efficiency.
- Forged Vertical Axle plate offers precise rear wheel adjustability and maximizes rigidity and responsiveness.

### FEATURES

### MATERIAL

### TRANSPORT WEIGHT<sup>1,3</sup>

### LIGHTEST CONFIGURED WEIGHT<sup>2,3</sup>

### WEIGHT CAPACITY

### SEAT WIDTH

### SEAT DEPTH

### FRONT SEAT HEIGHT

### REAR SEAT HEIGHT

High-Modulus Carbon T700

9.7 lb (4.4 kg)  
(with footrest)

17.2 lb (7.8 kg)

265 lb (120 kg)

12" (30.5 cm) to  
20" (50.8 cm)

12" (30.5 cm) to  
20" (50.8 cm)

14" (35.6 cm) to  
21" (53.3 cm)

14" (35.6 cm) to  
20" (50.8 cm)

AluLite aluminum alloy

10.6 lb (4.8 kg)  
(with footrest)

18 lb (8.2 kg)

265 lb (120 kg)

12" (30.5 cm) to  
20" (50.8 cm)

12" (30.5 cm) to  
20" (50.8 cm)

14" (35.6 cm) to  
21" (53.3 cm)

14" (35.6 cm) to  
20" (50.8 cm)

High-Modulus Carbon T700

11.9 lb (5.4 kg)  
(with footrest)

19.4 lb (8.8 kg)

265 lb (120 kg)  
HD Kit: 350 lb (159 kg)

14" (35.6 cm) to  
20" (50.8 cm)

14" (35.6 cm) to  
20" (50.8 cm)

14" (35.6 cm) to  
21" (53.3 cm)

13½" (34.3 cm) to  
20½" (51.4 cm)

High-Modulus Carbon T700

9.5 lb (4.3 kg)

19.4 lb (8.8 kg)

265 lb (120 kg)  
HD Kit: 350 lb (159 kg)

14" (35.6 cm) to  
22" (55.9 cm)

14" (35.6 cm) to  
20" (50.8 cm)

13" (33 cm) to  
21½" (54.6 cm)

12½" (30.5 cm) to  
20½" (51.4 cm)

Ultralight Aluminum 7005 T6

13.6 lb (6.2 kg)

23.3 lb (10.6 kg)

265 lb (120 kg)  
HD Kit: 350 lb (159 kg)

14" (35.6 cm) to  
22" (55.9 cm)

14" (35.6 cm) to  
20" (50.8 cm)

13" (33 cm) to  
21½" (54.6 cm)

12½" (31.8 cm) to  
20½" (51.4 cm)

Aluminum alloy 6061

13.0 lb (5.9 kg)

22.9 lb (10.4 kg)

265 lb (120 kg)  
HD Kit: 350 lb (159 kg)

14" (35.6 cm) to  
22" (55.9 cm)

14" (35.6 cm) to  
20" (50.8 cm)

12" (30.5 cm) to  
20½" (52 cm)

12" (30.5 cm) to  
20½" (51.4 cm)

Aluminum alloy 6061

14 lb (6.4 kg)

24 lb (10.9 kg)

265 lb (120 kg)  
HD Kit: 350 lb (159 kg)

14" (35.6 cm) to  
22" (55.9 cm)

16" (40.6 cm) to  
20" (50.8 cm)

12½" (31.8 cm) to  
20½" (52.1 cm)

12" (30.5 cm) to  
20" (50.8 cm)

High-Modulus Carbon T700

10.6 lb (4.8 kg)

20.7 lb (9.4 kg)

175 lb (79 kg)

12" (30.5 cm) to  
16" (40.6 cm)

12" (30.5 cm) to  
19" (48.3 cm)

13" (33 cm) to  
21½" (54.6 cm)

12½" (30.5 cm) to  
19½" (48.9 cm)

<sup>1</sup> Without rear wheels, wheel locks, cushion, armrests and anti-tippers.

<sup>2</sup> With wheel locks, footrests, footplates, Gravity rear wheels and Newton One for the Helio A7 and Move.

All transport weights are based on 16"x16" wheelchairs, except 16"x16" for Helio Kids.

<sup>3</sup> Please note that weights may slightly vary.

