



FOLDING  
ALUMINUM

**HELIO A6** | STATE-OF-THE-ART MOBILITY FOR ALL



# HELIO A6



## STATE-OF-THE-ART MOBILITY FOR ALL

The HELIO A6 folding wheelchair by Motion Composites is a blend of efficiency and durability. Boasting avant-garde design and advanced technology, it has one of the best price-quality ratios on the market. Thanks to superior-quality parts, it promises unrivaled sturdiness and performance.

World-renowned, Motion Composites uses its know-how and its passion for innovation to design unique, cutting-edge products inspired by you. As a visionary and passionate company, our ambition is driven by your experience.

We believe that high-performance wheelchairs enhance people's lives with components, design, features and quality. HELIO A6 is our passion for performance, our commitment to quality and our vision of greater freedom brought to life.

**GO BEYOND!**





Model/Ambassador: Lyne Tremblay



“ My chair has given me the confidence and ability to travel and see the world. The freedom it gives me has allowed me to feel like myself again! ”

– Kelcie Miller-Anderson, Alberta, Canada

## SIMPLE AND EFFICIENT

- 13.1 lb. — Lighter and more convenient
- Effective energy distribution throughout the frame

The HELIO A6 aims for efficiency and mobility at an affordable price. Our patented symmetrical cross brace ensure remarkable ease of propulsion. It distributes forces equally throughout the frame for superior energy transfer to make every push counts.

## STURDY AND DURABLE

- Innovative design, superior manufacturing
- Highly resistant due to the aluminum's strength

The HELIO A6 boasts a rigid unibody frame constructed from 6061 aluminum, guaranteeing greater strength and less maintenance than two-part frames. Coupled with the 7000 series aluminum symmetrical cross brace, this wheelchair delivers unmatched durability that you can depend on for years to come.

## HIGHLY FUNCTIONAL AND ADJUSTABLE

- Solid, fully adjustable components
- Well-designed accessories

The vertical axle plates offer multiple center-of-gravity adjustments while maximizing lateral stability. The single-post armrests let you adjust to a specific height without the bulk of conventional single-post arms and the integrated armrest receiver eliminates vibration sounds that may crop up over time.

## OPTIMAL SEAT-TO-FLOOR HEIGHT

- Practical contact with the ground, no matter the height
- Multiple heights thanks to the hybrid frame design

The frame's innovative design allows you to achieve a super-low 12-inch (30.5-cm) front seat-to-floor height. In addition to easier contact with the floor, this feature provides better foot propulsion if needed.



FEATURES

RIGID UNIBODY FRAME

Eliminates joints, reduces movement and maximizes efficiency



1 HYBRID FRAME DESIGN

Eliminates the need for both hemi and standard frame while providing a complete range of seat-to-floor heights



4 ALUMINUM SEAT RAIL

With integrated seat slider for better seat sling support



2 INTEGRATED ARMREST RECEIVER

Built for durability



3 REINFORCED BACK CANE SUPPORT

For added stability and comfort



5 SYMMETRICAL CROSS BRACE

Minimizes torsion in the frame and contributes to best-in-class propulsion efficiency



6 ANTI-FLUTTER SYSTEM

Provides a smooth, more efficient ride

TECHNOLOGIES



RIGID UNIBODY FRAME

A unibody frame is much stronger and requires less maintenance than a standard two-part frame. It also reduces weight while maximizing propulsion efficiency.



SYMMETRICAL HYDROFORMED CROSS BRACE 3D

Entirely symmetrical aluminum cross brace for reduced torsion and better energy distribution throughout the frame.



ULTRARIGID FOLDING SYSTEM

High-precision tolerances and oversized pivot axles for best-in-class propulsion efficiency.



ANTI-FLUTTER CASTER

Minimize flutter with a simple twist of a screw.



NEWTON ACCESSORIES

Parts and accessories designed to be lighter with improved functionality.

TECHNICAL SPECIFICATIONS

FRAME	Folding
MATERIAL	6061 aluminum frame   7005 T6 aluminum cross brace
TRANSPORT WEIGHT	13.0 lb.   5.9 kg (16 x 16 without rear wheels, wheel locks, armrests, cushion, anti-tippers and footrest)
LIGHTEST CONFIGURATION	22.9 lb.   10.4 kg, with wheel locks and wheels
WEIGHT LIMIT	265 lb.   120 kg 350 lb.   159 kg — HD Kit
WIDTH	14 in. to 20 in.   35.6 cm to 50.8 cm 18 in. to 22 in.   45.5 cm to 55.9 cm — HD Kit
DEPTH	14 in. to 20 in.   35.6 cm to 50.8 cm
FRONT SEAT-TO-FLOOR HEIGHT	12 in. to 20 1/2 in.   30.5 cm to 52 cm (with 3 in. to 6 in. caster)
REAR SEAT-TO-FLOOR HEIGHT	12 in. to 20 1/2 in.   30.5 cm to 51.4 cm (with 20 in. to 26 in. wheel)

DIMENSIONS



SEAT WIDTH

14 in. to 22 in. | 35.6 cm to 55.9 cm



SEAT DEPTH

14 in. to 20 in. | 35.6 cm to 50.8 cm



FRONT SEAT-TO-FLOOR HEIGHT

12 in. to 20 1/2 in. | 30.5 cm to 52 cm



REAR SEAT-TO-FLOOR HEIGHT

12 in. to 20 1/2 in. | 30.5 cm to 51.4 cm



BACK HEIGHT

12 in. to 24 in. | 30.5 cm to 61 cm



ARMREST HEIGHT

6 in. to 14 in. | 15.2 cm to 35.6 cm



FOOTREST ANGLE

60°, 70°, 80°, 90°



BACK ANGLE

85° to 110°



WHEEL CAMBER

0°, 3°, 6°



CENTER OF GRAVITY

3/4 in. to 2 1/2 in. | 2 cm to 7 cm



OVERALL WIDTH

20 1/2 in. min. to 33 1/2 in. max.  
52.7 cm min. to 85.1 cm max.



WEIGHT LIMIT

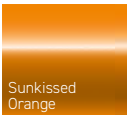
265 lb. | 120 kg  
350 lb. | 159 kg — HD Kit

COLOR CHART

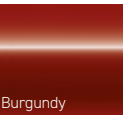
FRAME COLOR.  
CROSS BRACE  
IS BLACK.



Black



Sunkissed  
Orange



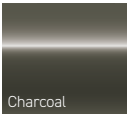
Burgundy



Sapphire Blue



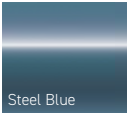
Monster Green



Charcoal



Fuchsia



Steel Blue



Ferrari Red



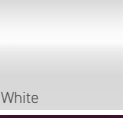
Acid Green



Electric Purple



Caribbean Blue



White



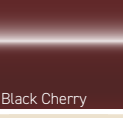
Pink Pearl



Plum Purple



Sky Blue



Black Cherry



Khaki Green  
(Matte Finish)



Desert Sand  
(Matte Finish)

## GO BEYOND!

Who we are: passionate innovators pushing the boundaries of what is possible. What we do: combine leading-edge engineering with innovative materials to create movement. What makes us proud: having our ultralight wheelchairs echo the love of life their users demonstrate each day. Through our unique approach and distinct attitude, our aim is to enhance lives, nourish a sense of freedom and revolutionize the way people see wheelchairs.

**LEARN MORE** To learn more about the HELIO A6 and find more information regarding our products, visit our website at [motioncomposites.com](http://motioncomposites.com)



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