



FOLDING
CARBON

HELIO kids

ENHANCED AUTONOMY FOR BIG SMILES



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The HELIO Kids wheelchair by Motion Composites was designed to keep up with the active lives of children. Playing with friends, going to school, having fun and getting around easily... kids should be free to be kids! That's why we chose a carbon fiber design that is incredibly light and improves your everyday mobility while being exceptionally strong. Boasting a colorful and fun look, HELIO Kids will accompany your child as they grow through their busy days and full life.

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

By making users the focus of our design process, we see the person in the chair and the result behind the vision.

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

A WHEELCHAIR YOU CAN BE PROUD OF!





This is Emerson's second Helio Kids. She loves her pink chair and how light it is for her and easy to maneuver. It has many customization options and it's built to accommodate growth. We also love the fact that it is foldable and that the wheels are removable.

– The Bourque Family, Ontario, Canada

ULTRALIGHT AND AGILE

- Lightweight for greater freedom of movement
- Adapted for kids

HELIO KIDS is one of the lightest folding manual wheelchairs for kids on the market. We use high-performance carbon fiber for peak lightness and strength. From the flip-back footrests to the forged aluminum axle plates, each component and accessory was chosen with weight reduction in mind.

ADJUSTABLE AND PRECISE

- A chair that grows with your child
- Precise adjustments in seconds

Kids grow fast and HELIO Kids is designed to grow right along with them. It only takes a few minutes to increase the seat depth by up to 3 inches (7.6 cm) in almost infinite increments for greater precision. The footplate height can be adjusted just as quickly and easily so your child is always comfortable.

MANEUVERABILITY AND EASE OF PROPULSION

- Saves their energy so they can go further
- Mobile, agile, works for them

A highly agile wheelchair is an undeniable plus, especially for kids. We only included what was essential for even more efficient propulsion. The molded cross brace, oval tubing and pivot axles work together while the unique folding system maximizes the frame's stability, saving your child energy on a daily basis.

STURDY AND DURABLE

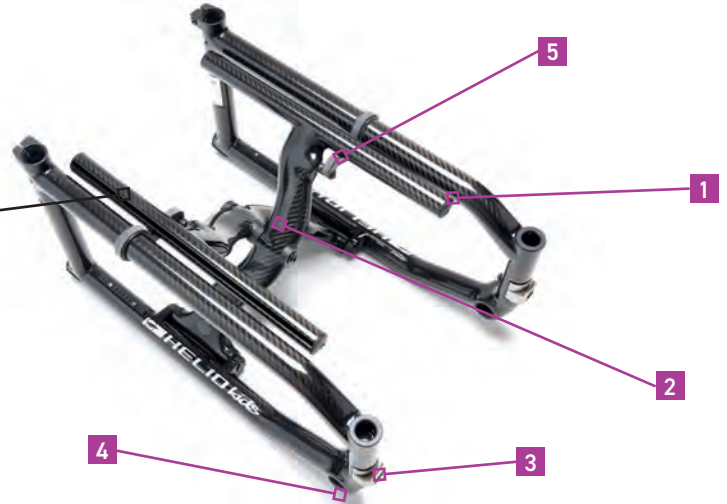
- Strong enough to keep up with your child
- Unprecedented strength and stability

T700 carbon fiber is an ideal material for making high-performance wheelchairs, due to its incredible sturdiness and stability. Unlike standard two-part frames, HELIO KIDS has a rigid unibody (single) frame, which makes it much stronger. Kids can be tough on their wheelchairs, but this chair was made to last, serving your child for many years to come.

FEATURES

RIGID UNIBODY FRAME

Eliminates joints, reduces movement and maximizes efficiency



1 CARBON SEAT RAIL

Fully molded with integrated seat slider for better seat sling support



2 ULTRARIGID FOLDING SYSTEM

Offers best-in-class propulsion efficiency



3 FOOTREST ANCHOR

Bracket is inset with an integrated friction plate to protect the carbon fiber



4 INTEGRATED CASTER HOUSING

Offers simple and infinite angle adjustments.



5 INJECTED PLASTIC CROSS BRACE LINKS

Lighter and more durable for more fluid movements

TECHNOLOGIES



T-700

T 700 HIGH-MODULUS CARBON FIBER

The lightest and most rigid material available, also renowned for its vibration damping properties.



RUF

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.



SMC 3D

SYMMETRICAL MOLDED CROSS BRACE 3D

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



UFS

ULTRARIGID FOLDING SYSTEM

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



FVA*

FORGED VERTICAL AXLE PLATE

Offers the industry's most precise rear wheel adjustability. The vertical mounting maximizes stability and responsiveness.



ECH

EVOLVE CASTER HOUSING

Integrated into the frame for rock-solid durability, the Evolve caster housing offers easy and precise infinite adjustments.



AFS

ANTI-FLUTTER SYSTEM

Minimize flutter with a simple twist of a screw.



NEWTON

NEWTON ACCESSORIES

Parts and accessories designed to be lighter with improved functionality.

TECHNICAL SPECIFICATIONS

FRAME	Folding
MATERIAL	T700 High-modulus carbon fiber
TRANSPORT WEIGHT	10.6 lb. 4.8 kg (12 x 12 without rear wheels, wheel locks, armrests, cushion, anti-tippers and footrest)
LIGHTEST CONFIGURATION	20.7 lb. 9.4 kg without wheel locks and wheels
WEIGHT LIMIT	175 lb. 79 kg
WIDTH	12 in. to 16 in. 30.5 cm to 40.6 cm
DEPTH	12 in. to 19 in. 30.5 cm to 48.3 cm
FRONT SEAT-TO-FLOOR HEIGHT	13 in. to 21 ½ in. 33 cm to 54 cm (with 3 in. to 8 in. caster)
REAR SEAT-TO-FLOOR HEIGHT	12 ½ in. to 19 in. 31.8 cm to 48.3 cm (with 20 in. to 24 in. wheel)

DIMENSIONS



SEAT WIDTH

12 in. to 16 in. | 30.5 cm to 40.6 cm



SEAT DEPTH

12 in. to 19 in. | 30.5 cm to 48.3 cm



FRONT SEAT-TO-FLOOR HEIGHT

13 in. to 21 ½ in. | 33 cm to 54.6 cm



REAR SEAT-TO-FLOOR HEIGHT

12 ½ in. to 19 in. | 31.8 cm to 48.3 cm



BACK HEIGHT

15 in. to 21 in. | 38.1 cm to 53.3 cm



ARMREST WEIGHT

8 in. to 14 in. | 20.3 cm to 35.6 cm



FOOTREST ANGLE

60°, 70°, 80°, 90°



BACK ANGLE

90° to 105°



WHEEL CAMBER

0°, 3°, 6°



CENTER OF GRAVITY

1 in. to 4 in. | 2.5 cm to 10.2 cm



OVERALL WIDTH

18 ¾ in. min. to 26 7/8 in. max.
47.6 cm min. to 68.3 cm max.



WEIGHT LIMIT

175 lb. | 79 kg

COLOR CHART

FRAME COLOR.
CROSS BRACE IS
HIGH-GLOSS CARBON
FIBER FINISH.

Black

Charcoal

Steel Blue

Sapphir Blue

Monster Green

Acid Green

Burgundy

Fuschia

Ferrari Red

Sunkissed Orange

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 KIDS and find more information regarding our products, visit our website at motioncomposites.com



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