

HELIO A7 ALLU7005



MOTIONCOMPOSITES



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**Something had to be done.
We did it.**

Motion Composites believes in empowering wheelchair users. Clunky and inefficient equipment are unfortunately too common and something had to be done.

Wheelchairs simply need to be better and that's why we use the very best technology available to enhance mobility and improve people's lives.

Better mobility is achieved through light, rigid, efficient, adjustable and reliable devices. In 2008, we launched the first everyday wheelchair to use high-end materials and cutting-edge engineering that was met with both critical acclaim from renowned therapists and praise from thousands of users.

With the feedback received and the knowledge acquired, we are extremely proud to launch a new generation of innovative wheelchairs.

We did it again.

-The Motion Composites' team



HELIO A7 ALL7005

Sophisticated meets affordable.

We took the knowledge acquired through the creation process of the Helio C2 and made it available in an entry-level package.

By using the latest hydroforming technologies and a high performance aluminium alloy, we created the Helio A7, an ultra-light and propulsion-efficient wheelchair with an affordable price tag.



The lightest wheelchair of its class.

We are unrivaled when it comes to lightness, no matter the material. Thanks to cutting edge design paired with the outstanding properties of 7000 series aluminium, a Helio A7 with a standard configuration weighs at least 5 pounds less than the other popular wheelchairs in its category.

The lowest seat-to-floor height.

The innovative frame design of the Helio A7 lets you achieve a super low 13 ½" seat-to-floor height with a 4" caster on a standard frame. That's the same frame that can go up to 21"!

Truly innovative armrest.

Our new composites lightweight armrest quickly converts from flip-back to single post for easier configuration. Height adjustments are just a flick away thanks to a simple trigger system. On top of this, experience safer transfers with our enhanced rubber grip finish.

Get more mileage out of your energy.

Everybody benefits from an easier to propel wheelchair. Featuring an entirely symmetrical hydroformed crossbrace, oval shaped tubes and oversized pivot axles, our unique Ultrarigid Folding System (UFS) maximizes frame rigidity and energy conservation.

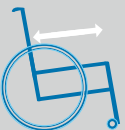


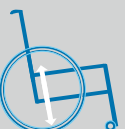





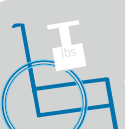

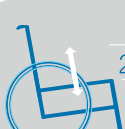




Hydroforming:
Shaping the future of aluminium.

Thanks to hydroforming, a revolutionary method of shaping malleable metals like our high-end 7005 T6 aluminium alloy, we were able to reproduce our signature Symmetrical Crossbrace 3D and our UltraRigid Folding System on the Helio A7. This means greatly improved handling and unmatched energy conservation for easier everyday activities.



 <p>Seat depth 35.5 – 51 cm 14" - 20"</p>	 <p>Seat width 35.5 – 56 cm 14" - 22"</p>	 <p>Front seat to floor 33 – 53.5 cm 13" – 21"</p>
 <p>Rear seat to floor 31.5 – 51 cm 12 1/2" - 20"</p>	 <p>Back height 38 – 53.5 cm 15" - 21"</p>	 <p>Footrest angle 60°, 70°, 90°</p>
 <p>Back angle 85° to 110°</p>	 <p>Casters 3", 4", 5" 6", 7", 8"</p>	 <p>Center of gravity 8.5 cm range 3 1/4" range</p>
 <p>Weight limit 159 kg 350 lbs (with HD kit)</p>	 <p>Rear Wheels 20", 22", 24" 25", 26"</p>	 <p>Armrest height 20.5 – 35.5 cm 8" - 14"</p>

Standard		
 <p>Basalt Black</p>		
Options		
 <p>Charcoal</p>	 <p>Steel Blue</p>	 <p>Sapphire Blue</p>
 <p>Sunkissed Orange</p>	 <p>Burgundy</p>	 <p>Monster Green</p>
 <p>Ferrari Red</p>	 <p>Fushia</p>	 <p>Acid Green</p>



Ultralight Aluminium 7005 T6 - An aluminium alloy that is renowned for its high strength-to-weight ratio.



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 Hydroformed Crossbrace 3D - Entirely symmetrical aluminium crossbrace for reduced torsion and a better distribution of forces throughout the frame.



Ultrarigid Folding System - Extremely precise tolerances and oversized pivot axes for best-in-class propulsion efficiency.



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



Evolve caster housing - Imbedded inside the frame for rock solid durability, the Evolve Caster Housing offers easy and precise infinite adjustments.



Newton Accessories - The whole range of Newton accessories are designed to be light and offer improved functionalities.

Motion Composites

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