

VELOCE

CARBON



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



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The lightest folding wheelchair in the world.

The Veloce is the most technologically advanced wheelchair for active users. It redefines what a wheelchair should be by offering unrivaled lightness, rigidity and responsiveness while keeping the important advantage of a compact folding system. With a total weight starting at 8.0 kg and a transport weight of only 5.1 kg, it feels like a Formula 1 but fits in the trunk of a Mini.



Adjustability without the weight.

The Veloce is completely adjustable for a perfect fit. You can easily adjust front and rear seat-to-floor heights, seat angle, center of gravity and frame angle. All of the options offered on our line of wheelchairs are also compatible with the Veloce for true customization.

Get more mileage out of your energy.

Every little detail of the Veloce was specifically optimized to help you go farther. Featuring an entirely symmetrical carbon fiber crossbrace, oval shaped tubes and oversized pivot axles, our unique Ultrarigid Folding System (UFS) maximizes frame rigidity and responsiveness.

Headturning design.

With its spirited Mantis frame, signature triangular tube shape and full carbon fiber finish with color highlights, the Veloce is truly a feast for the senses. It also comes standard with one-sided forks for an added sense of flair.





Carbon Fiber: The ultimate sophistication.

We use the same high quality material used in F1 and aerospace to design and build the lightest wheelchairs on earth.

Our T700 high-modulus carbon fiber is unrivaled when it comes to strength and rigidity. This means our frame is not only ultra-light, but also exceptionally strong.

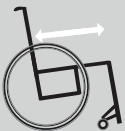






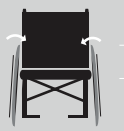
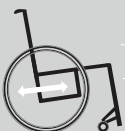





**MANTIS
FRAME**

Introducing the Mantis frame.

It's an entirely new type of wheelchair construction inspired by the rigidity of box frames and the look and lightness of cantilever frames. The result is a closed frame in the back to fit our UFS (Ultrarigid Folding System) and a minimalist front end offering full configuration possibilities and an outstanding look.



 <p>Seat depth 35.5 – 51 cm 14" - 20"</p>	 <p>Seat width 35.5 – 51 cm 14" - 20"</p>	 <p>Front seat to floor 40.5 – 51 cm 16" - 20"</p>
 <p>Rear seat to floor 34.5 – 51 cm 13.5" – 20"</p>	 <p>Back height 23 – 53.5 cm 9" - 21"</p>	 <p>Footrest angle 70°, 80°, 90°</p>
 <p>Back angle 85° to 110°</p>	 <p>Wheel camber 0°, 3°, 6°</p>	 <p>Center of gravity 8.5 cm range 3 1/4" range</p>
 <p>Weight limit 113 kg 250 lbs</p>	 <p>Overall width from + 19 cm from 7 1/2"</p>	 <p>Armrest height 20.5 – 35.5 cm 8" - 14"</p>



Available color highlights.



Mantis frame - Fusion of a boxed frame in the back for enhanced crossbrace rigidity and cantilever frame in the front for a minimalist look.



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 a better distribution of forces throughout the frame.



Ultrarigid Folding System - Extremely precise tolerances and oversized pivot axles 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.



V Shaped Stem - Stylised stem that offers more than looks. It provides precise seat-to-floor and angle adjustments of the front wheel.



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

cover : **Philippe Bédard**
Wheelchair tennis Canadian champion
and Paralympic athlete

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