

# VELOCCE



**MOTION**  
COMPOSITES





## GO BEYOND!

Why compromise function and style for weight and efficiency? With the Veloce high-performance folding chair you don't have to!

The innovative Veloce wheelchair uses the world's most advanced technologies to enhance people's mobility and improve their lifestyle.

The Veloce offers unrivaled strength and durability with the use of cutting-edge carbon fiber material. With its superior fatigue resistance, extreme temperature tolerances and exceptional durability, carbon fiber is one of the strongest yet lightest materials on earth. That's why it's the ultimate wheelchair manufacturing material.

The Veloce wheelchair has revolutionized how people view folding wheelchairs. No longer do you have to sacrifice the ease and simplicity of a folding chair for the performance of a rigid chair. Transfers and transport are easy, and the ride is second to none. With a transport weight of only 12 lb (5.4 kg), it's one of the lightest folding wheelchairs in the world. Who knew folders could be so cool!

# VELOCE





## One of the lightest folding wheelchairs 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 retaining the all-important benefits of a compact folding system. With a transport weight of only 12 lb (5.4 kg), it feels like a Formula 1 but fits in the trunk of a Mini.



# VELOCE

## The unique Mantis frame.

Our engineers have created an entirely new type of wheelchair construction, inspired by the rigidity of box frames and the look and ride of cantilever frames. The result is a closed frame in the back to fit our Ultrarigid Folding System with a minimalist front end. You get a full menu of configuration possibilities, along with outstanding aesthetics.

## Get more mileage out of your energy.

Our engineers have optimized every detail of the Veloce to help you go farther and with greater efficiency. The Symmetrical Molded Crossbrace and oversized pivot axles work in concert, while our unique Ultrarigid Folding System maximizes frame rigidity and responsiveness.



Rigid Unibody Frame eliminates joints, increases rigidity and maximizes efficiency.

## 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 slope and center of gravity. Since most of the options from the Helio product line are also compatible with the Veloce, this one can benefit from real customization.

## Head-turning design.

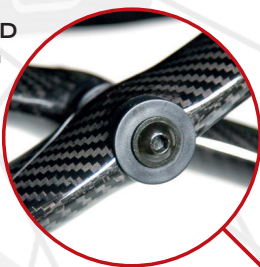
With its spirited Mantis frame, signature triangular tubing and carbon fiber finish featuring color highlights, the Veloce is truly a feast for the eyes.





**ULTRA-RIGID  
FOLDING  
SYSTEM**

offers best-in-class propulsion efficiency.



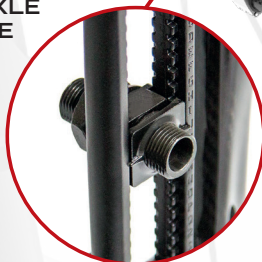
**INTEGRATED  
IMPACT  
GUARD**

With rubberized hand grip and lower extremity padding.



**INNOVATIVE REAR  
WHEEL AXLE  
PLATE**

offers micro adjustment while maximizing rigidity and responsiveness.



**BUBBLE  
LEVELS**

Highly accurate and calibrated system for a quick and perfect adjustment.



**FOLDABLE  
FOOTREST**

Innovative design allows the footrest to fold at the same time as the wheelchair frame.



**FRONT  
BUMPER**

Provides style and protection.





**Mantis Frame** - Inspired by the rigidity of box frames with the look and ride of cantilever frames.



**High-tensile strength Carbon Fiber T700** - One of the lightest and most rigid materials available, also renowned for its vibration dampening properties.



**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 Molded Crossbrace 3D** - Entirely symmetrical carbon fiber crossbrace 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.



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



**Bubble levels** - Built-in highly accurate and calibrated gauges make caster adjustment quick and precise.



**Newton Accessories** - Parts and accessories designed to be lighter with improved functionality and style.



**Laser etched markings** - Allow for quick and easy symmetrical adjustments.



**Integrated Impact Guard with Top Grip** - Prevents daily-use scratches to the front of frame. Adds high friction grip for transfers. Protects vulnerable areas of lower extremities.

**Technical Specifications**

**Structure**

Frame	Folding
Material	T700 High-tensile strength Carbon Fiber
Weight Limit	265 lb (120 kg) Kit HD: 350 lb (159 kg)
Transport Weight	12 lb (5.4 kg) 16x16, w/o rear wheels, wheel locks, Armrests, Cushion, Anti-tippers Lightest configuration: 19.5 lb (8.8kg) (w/ wheel locks and wheels)

**Dimensions**

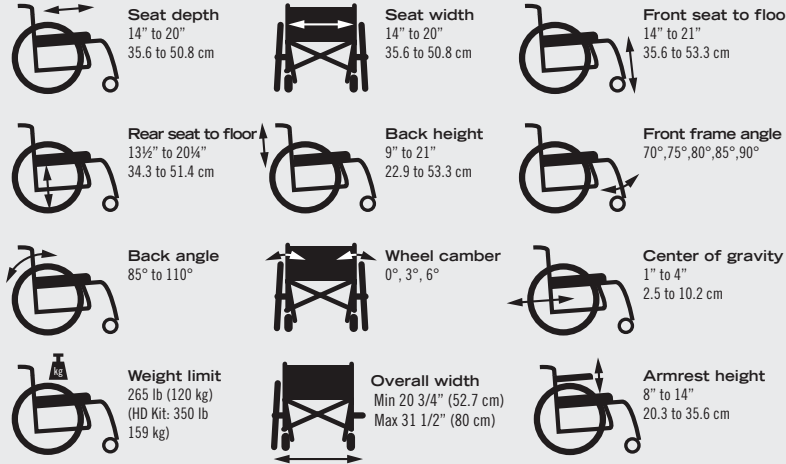
Width	14" (35.6 cm) to 20" (50.8 cm)
Depth	14" (35.6 cm) to 20" (50.8 cm)
Front seat-to-floor height	(w/3" caster) (w/6" caster) 14" (35.6 cm) to 21" (53.3 cm)
Rear seat-to-floor height	(w/22" wheel) (w/26" wheel) 13½" (34.3 cm) to 20¼" (51.4 cm)

**COLOR CHART** Colors are on protectors. Frame is black.



**Motion Composites**  
Quebec, Canada

T (866) 650-6555 F (888) 966-6555  
info@motioncomposites.com  
www.motioncomposites.com



Veloce brochure pages