

new

WELCOE



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 more advanced technologies to enhance people's mobility and improve their lifestyle.

The Veloce offers unrivaled strength and durability through the use of cutting edge carbon fiber technology. With its superior fatigue resistance, extreme temperature tolerances and exceptional durability, carbon fiber is one of the strongest yet lightest materials on earth. It is the ultimate wheelchair material.

The Veloce 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 simple, and the ride is second to none. With a transport weight of only 11.98 lbs. (5.43 kg), it's the one of the lightest folding wheelchair in the world. Who knew folders could be so cool!

new
VELOCE



new
Veloce



One of 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 retaining the all-important benefits of a compact folding system. With a transport weight of only 11.98 lbs. (5.43 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, reduces movement and maximizes efficiency frame.

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. Most of the lightweight options offered with our Helio line of wheelchairs are also compatible with the Veloce for true 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



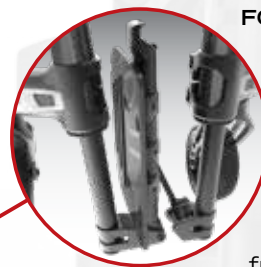
**RUBBERIZED
HAND GRIP**
To facilitate
transfers.



**INTEGRATED
PAD**
Provides
more
comfort
and avoid
pressure
points on
the knees.



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



**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.



**INTEGRATED
IMPACT
GUARD**
Protects the
front frame
from wear and
tear.



FRONT BUMPER
Provides style and
protection.





Mantis Frame - Fuses a box frame in the back for enhanced crossbrace rigidity with a cantilever frame in the front for a minimalist look.



High-Modulus Carbon T700 - One of 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 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 Mantis Frame
Material	T700 High-Modulus Carbon Fiber
Transport Weight	11.98 lbs. (5.43 kg) (16*16, w/o rear wheels)
Weight capacity	265 lbs. (120 kg)

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/4" caster) 14 ½" (36.8 cm)	(w/6" caster) 21" (53.3 cm)
Rear seat-to-floor height	(w/22" wheel) 13 ½" (34.3 cm)	(w/26" wheel) 20 ¼" (51.4 cm)

COLOR CHART Colors are on protectors. Frame is black.



Ferrari Red



Sunkissed Orange



Sky Blue



Acid Green



Fuchsia



Black



White

Motion Composites
Quebec, Canada

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



Seat depth
14" to 20"
35.6 to 50.8 cm



Seat width
14" to 20"
35.6 to 50.8 cm



Front seat to floor
16" to 20"
40.6 to 50.8 cm



Rear seat to floor
13.5" to 20"
34.3 to 50.8 cm



Back height
9" to 21"
22.9 to 53.3 cm



Footrest angle
70°, 75°, 80°, 85°, 90°



Back angle
70° to 110°



Wheel camber
0°, 3°, 6°



Center of gravity
3 ¼" range
8.3 cm range



Weight limit
265 lbs. (120 kg)
(HD Kit: 350 lbs.
159 kg)



Overall width
from +7 ½"
from +19.1 cm



Armrest height
8" to 14"
20.3 to 35.6 cm



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COMPOSITES

Veloce brochure pages