

APEX



MOTION
COMPOSITES

2016
AWARD
HARDING
INNOVATIVE
PRODUCT



Canadian Seating &
Mobility Conference



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

Motion Composites believes in empowering wheelchair users. How? By giving them the fit, freedom and mobility that's rewriting the book on what's possible. We use the world's most advanced technologies to enhance people's lives with every single push.

Take the new APEX. Our cutting-edge carbon fiber technology delivers an ultralight design of unrivaled strength and durability. With its superior fatigue resistance, extreme temperature tolerances and vibration dampening, carbon fiber is one of the strongest yet lightest materials on earth. The ultimate wheelchair material.

The APEX redefines how the world thinks about wheelchairs. With a transport weight of just 9.2 lbs*, (4.2 kg), the revolutionary design gives you the lightest, fully adjustable rigid chair in its class.

Once again, Motion Composites surpasses every expectation for performance, adjustability, weight and quality.

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Praised for its ingenuity, the Apex was the winner of the distinguished Harding Award for Most Innovative Product at the 2016 Canadian Seating and Mobility Conference.

Redefining the world's expectations about rigid chairs.

Introducing the APEX from Motion Composites. Our newest ultralight, fully adjustable rigid wheelchair represents a revolution in rigid chair design. Why?

Because it's the best of all possible worlds. The best of the celebrated lightness, strength and performance you associate with carbon fiber. And, for the first time, the best fully adjustable fit you don't associate with carbon fiber.

The lightest wheelchair in its class.

With a transport weight of just 9.2 lbs.* (4.2 kg), the APEX obliterates every preconceived idea about rigid chairs. It's fully configurable to meet the needs of just about every client, and performs like a carbon fiber purebred.

9.2 LBS*

Head-turning design.

Check out the design and construction details on the APEX. Or, examine its innovative components and accessories, such as the integrated impact guard and rigidizing system. In a word...revolutionary.

The APEX from Motion Composites. Welcome to a new era in rigid chair design and performance.

*16" x 16" w/o rear wheels (carbon fiber frame)

APEX



Shed the weight. Up the performance.

Available in carbon or aluminum frame, the APEX cantilever design is constructed using the industry's most advanced materials. Plus, the APEX represents not just low frame weight. It's also the lightest configured adjustable chair in the industry. A fully configured APEX Carbon weighs just 16.4 lbs. (7.5 kg).

Nimble and responsive.

The unique rear rigidizing bar on the APEX optimizes ride performance. By increasing rear-frame rigidity, we've achieved an open design concept that increases lateral stability. Result — flex where and when you want it, and no sacrifice in stability for gains in comfort and ease of transport.

Sleek styling.

Inspired by modern design and aesthetics, the head-turning lines on the APEX prove once again that form should follow function. We invite you to linger on the APEX's gentle curves and bold styling. Every design detail delights the eye and excites the senses.

Adjusts to your life.

As people change and evolve, so should their wheelchairs. From simple adjustments in back angle, seat and floor height to tunable rear wheel positions and seat width, the APEX is fully modular and adjustable. Plus, its laser-etched markings allow you to more easily adjust key components and specify exact positioning.

carbon model shown



Dual bubble levels

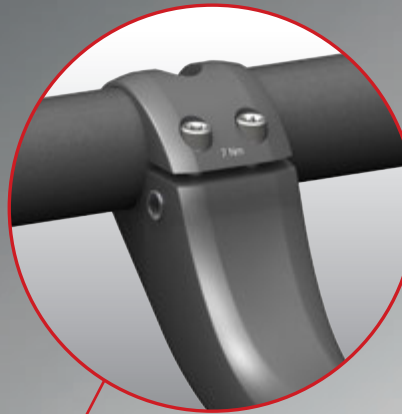
Highly accurate and calibrated system for a quick and perfect adjustment.





BACK REST ADJUSTMENT

Offers wide range
of adjustments to
fit any position.



PATENTED CLAMPING SYSTEM

Enables
advanced frame
modularity.



INTEGRATED IMPACT GUARD*

With rubberized
hand grip and
lower extremity
padding.

*only available on
carbon model



FRONT BUMPER

Provides
style and
protection.



REAR AXLE PLATE

Laser etched and
infinitely adjustable.




MOTION
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APEX Carbon

The pinnacle of design and performance, the APEX Carbon is the choice of discriminating users. The lightest, smoothest ride in the world!


Technical Specifications

Frame	Single tube open frame
Material	T700 High-Modulus Carbon Fiber
Weight	9.2 lbs (4.2 kg) (w/o rear wheels)
Capacity	250 lbs (113.3 kg)

 **High-Modulus Carbon T700** — The lightest and most rigid material available, also renowned for its vibration dampening properties.

 **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.

 **Clamped rigidizing system** - Patented modular system enhances versatility and rear frame stiffness.

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

 **Standard carbon fiber camber tube** - Provides a rigid ride without added weight.

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

 **Newton Accessories** - Parts and accessories designed for enhanced lightness, functionality and awesome style.


APEX Aluminum




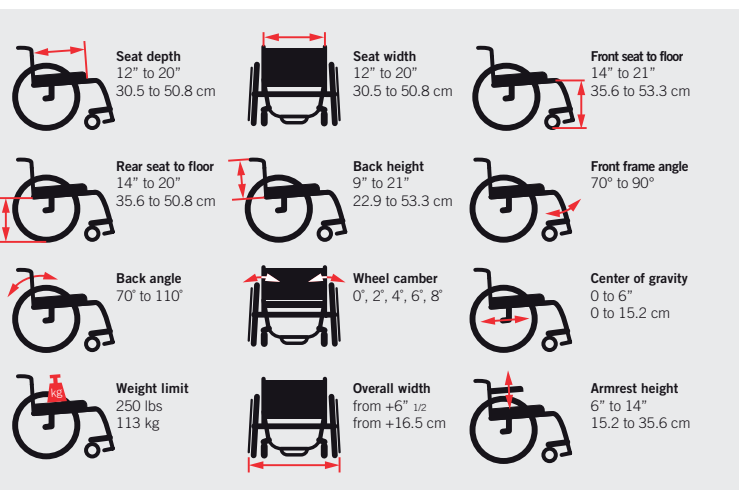
Since choice is important, we also build the APEX Aluminum with a unique alloy that's 20% stronger than 7005 aluminum. This elevates the APEX Aluminum into a new category of adjustable performance.

Technical Specifications

Frame	Single tube open frame
Material	Triple-Butted Aluminum
Weight	10.7 lbs (4.8 kg) (w/o rear wheels)
Capacity	250 lbs (113.3 kg)

 **AluLite aluminum alloy** - Stronger and lighter than 7005 aluminum.


 **Triple-butted aluminum** - Reduces weight while maintaining strength. We put the strength where it counts!



COLOR CHART Colors are on protectors. Frame is black.

Ferrari Red Sunkissed Orange Sky Blue Acid Green Fuchsia

Black White

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