

Apex A



APEX A ACCEPT NOTHING LESS THAN GREATER MOBILITY

The APEX Aluminum wheelchair by Motion Composites is the perfect combination of lightness, sturdiness, performance, adjustability and style. Its bold design and innovative approach have redefined perceptions of rigid wheelchairs. The triple-buttet aluminum and strategic touch of carbon fiber strike a perfect balance, making this chair an example of modernity and lightness. World-renowned, Motion Composites uses its knowhow and its passion for innovation to design unique, cutting-edge products inspired by you. As a visionary and passionate company, our ambition is driven by your experience. We believe that high-performance wheelchairs enhance people's lives with components, design, features and quality. APEX Aluminum is our passion for performance, our commitment to quality and our vision of greater freedom brought to life. GO BEYOND!

Apex C



APEX C LIVE BOLDLY WITHOUT LIMITS

The APEX Carbon wheelchair by Motion Composites is leading a new era of rigid wheelchairs. A balanced blend of technology and design, it is the ultimate in lightness, durability, flexibility and style. Motion Composites was created from the desire to improve the wheelchair industry by taking advantage of carbon fiber's excellent physical attributes. The APEX with its bold, high-end manufacturing offers all the advantages of this material in a slick, fully adjustable chair that becomes a true extension of the user's drive. World-renowned, Motion Composites uses its knowhow and its passion for innovation to design unique, cutting-edge products inspired by you. As a visionary and passionate company, our ambition is driven by your experience. We believe that high-performance wheelchairs enhance people's lives with components, design, features and quality. APEX Carbon is our passion for performance, our commitment to quality and our vision of greater freedom brought to life. GO BEYOND!

Apex A



LIGHTWEIGHT AND INNOVATIVE

- **10.5 lb.** — A lightness that has redefined perceptions of rigid wheelchairs
- **AluLite: a stronger and lighter aluminum alloy**

Made with the industry's most advanced materials, the APEX Aluminum wheelchair is a true innovation. It combines the advantages of triple-butted aluminum with those of carbon fiber for unbeatable strength and lightness. The result is a wheelchair that is easy to handle and transport, with an ease of propulsion that makes it easier to get to where you want to go.

STURDY AND DURABLE

- **The industry's most perfected materials**
- **Exceptional reliability**

AluLite aluminum alloy and triplebutted aluminum make this chair considerably lighter and remarkably strong. Thanks to the quality of the components and the touch of carbon fiber, the APEX Aluminum is highly durable to serve you for many years to come.

DESIGN AND STYLE

- **Bold, modern and refined design**
- **Attention to detail and aesthetics**

While technology and function are important, so are design and aesthetics. Each detail of the APEX Aluminum was carefully considered and thoughtfully designed to create a head-turning chair that challenges all wheelchair stereotypes.

AGILE AND HIGH-PERFORMANCE

- **Unprecedented convenience**
- **Uncompromising stability**

APEX Aluminum is an easily maneuverable rigid wheelchair that offers safe and high-performance handling. Thanks to its unparalleled design, it performs like its carbon fiber counterpart, APEX Carbon. The rigidizing bar unique to the APEX model maximizes stability while preserving reactivity. This rigidity reduces lateral movement and offers optimal propulsion for greater mobility.

ADJUSTABLE AND FLEXIBLE

- **Infinitely adjustable**
- **Adapts to your lifestyle**

The APEX Aluminum wheelchair offers a wide range of settings for a completely customized experience. Fully modular, the back angle, seat-to-floor height and rear wheel positions can all be adjusted for your comfort. Laser-etched markings make it easier to adjust key components and specify exact positioning. Simple. Quick. Adaptive..

Apex C



ULTRALIGHT AND COMFORTABLE

- **9.8 lb. — A lightness that shapes the future of lightweight rigid wheelchairs**
- **Stable and comfortable handling**

Made of the industry's most advanced materials, the APEX Carbon wheelchair is truly state-of-the-art. Manufactured with the highest quality standards, the frame is designed using carbon fiber layers making it incredibly light. Its cantilever design provides optimal comfort by absorbing shocks and vibrations. Agile transportation and movement enable better quality of life and help to go beyond expectations!

STURDY AND DURABLE

- **The industry's most perfected materials**
- **Uncompromising reliability**

Carbon fiber has the quality of being one of the strongest, yet one of the lightest materials on earth. It also has superior fatigue resistance meaning that it will resist the repetitive stress of everyday use longer. The four rigidizers also made of carbon allow for optimal propulsion and frame stiffness. The APEX Carbon ensures exceptional durability that will serve you for many years to come.

DESIGN AND STYLE

- **Bold, modern and refined design**
- **Attention to detail and aesthetics**

While technology and function are important, so are design and aesthetics. From the aggressive styling of the angled front end and understated elegance of the color badging, each stylish element was carefully crafted. The APEX Carbon presents the head-turning lines and the bold design to instill a sense of pride.

AGILE AND HIGH-PERFORMANCE

- **Unprecedented convenience**
- **Uncompromising stability**

Experience impressive, responsive and safe handling thanks to a strong, lightweight carbon frame and unparalleled design. The rigidizing bar unique to the APEX model maximizes stability while preserving reactivity. This sturdiness reduces lateral movement and offers optimal propulsion for greater mobility.

ADJUSTABLE AND FLEXIBLE

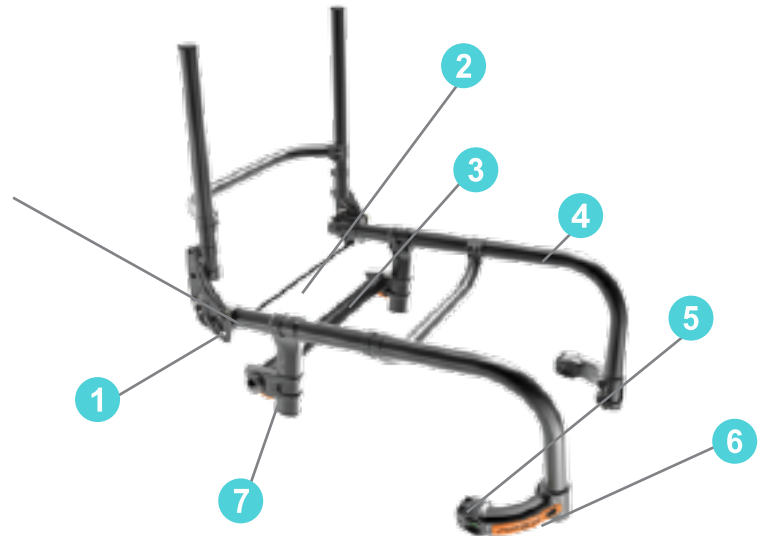
- **Infinitely adjustable**
- **Adapts to your lifestyle**

The APEX Carbon wheelchair offers a number of settings for a completely customized experience. Fully modular, the back angle, seat-to-floor height and rear wheel positions can all be adjusted for your comfort. Laser-etched markings make it easier to adjust key components and specify exact positioning. Simple. Quick. Adaptive.

Features

CANTELIVER FRAME

Frame assembled by a precision fixing system offering exceptional rigidity and maximizing efficiency while allowing adjustments



1



BACK REST ADJUSTMENT

Offers wide range of adjustments to fit any position.

2



STANDARD CARBON FIBER REAR RIGIDIZER BAR

Allows for optimal propulsion and frame stability.

3



STANDARD CARBON FIBER CAMBER TUBE

Adds carbon fiber strength and reduces overall weight.

4



TRIPLE-BUTTED TUBE

Reduces weight in non-critical sections and increases strength where needed.

5



BUBBLE LEVELS

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

6



FRONT BUMPER

Provides style and protection.

7

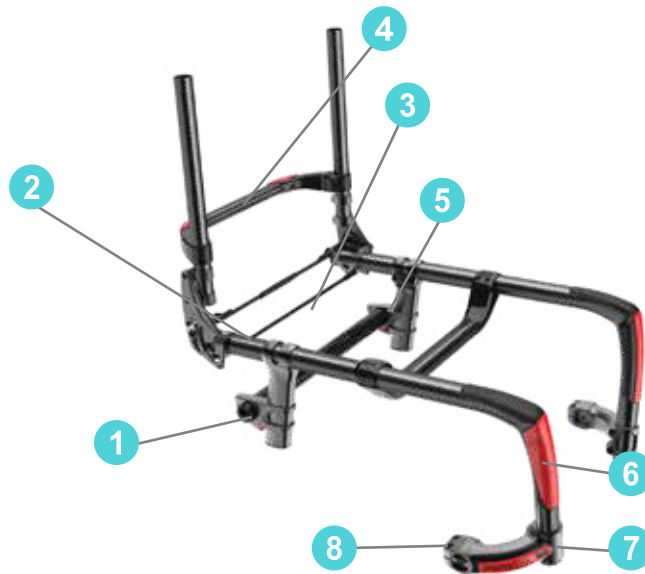


REAR AXLE PLATE

Provides a multitude of adjustments while maximizing stability and responsiveness

CANTELIVER FRAME

Frame assembled by a precision fixing system offering exceptional rigidity and maximizing efficiency while allowing adjustments



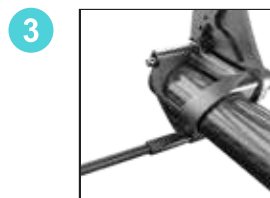
REAR AXLE PLATE

Provides a multitude of adjustments while maximizing stability and responsiveness



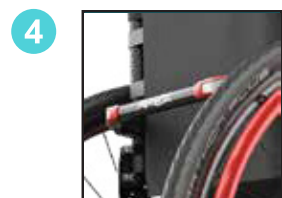
BACK REST ADJUSTMENT

Offers wide range of adjustments to fit any position.



STANDARD CARBON FIBER REAR RIGIDIZER BAR

Allows for optimal propulsion and frame stiffness.



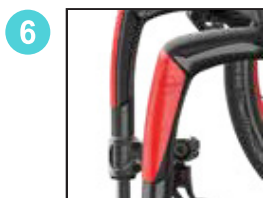
CARBON RIGIDIZER BAR WITH REFLECTORS

Maintains strength and durability through the life of the chair.



STANDARD CARBON FIBER CAMBER TUBE

Adds carbon fiber strength and reduces overall weight.



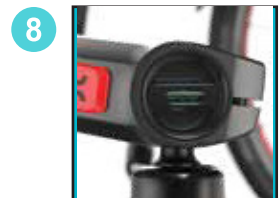
INTEGRATED IMPACT GUARD

Prevents daily-use scratches and protects lower extremities.



FRONT BUMPER

Provides style and protection.



BUBBLE LEVELS

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

Specifications

FRAME	Rigid
MATERIAL	Triple-butt aluminum
TRANSPORT WEIGHT	10.6 lb. 4.8 kg (16 x 16 without rear wheels, wheel locks, armrests, cushion and anti-tippers)
LIGHTEST CONFIGURATION	18.0 lb. 8.2 kg, with wheel locks and wheels
WEIGHT LIMIT	265 lb. 120 kg
WIDTH	12 in. to 20 in. 30.5 cm to 50.8 cm
DEPTH	12 in. to 20 in. 30.5 cm to 50.8 cm
FRONT SEAT-TO-FLOOR HEIGHT	14 in. to 21 in. 35.6 cm to 53.3 cm (with 3 in. to 6 in. caster)
REAR SEAT-TO-FLOOR HEIGHT	14 in. to 20 in. 35.6 cm to 50.8 cm (with 20 in. to 26 in. wheel)

Technologies



ALULITE ALUMINUM ALLOY
Stronger and lighter than 7005 aluminum.



TRIPLE-BUTTED ALUMINUM
Reduces weight while maintaining strength. We put the strength where it counts!



CLAMPED RIGIDIZING SYSTEM
Patented modular system that enhances versatility and rear frame stability



BUBBLE LEVELS
Built-in highly accurate and calibrated gauges make caster adjustments quick and precise.



STANDARD CARBON FIBER CAMBER TUBE
Provides a responsive ride without added weight.

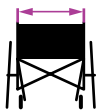


LASER ETCHED MARKINGS
Allow for quick and easy symmetrical adjustments.

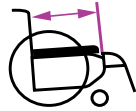


NEWTON ACCESSORIES
Parts and accessories designed to be lighter with improved functionality.

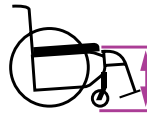
Dimensions



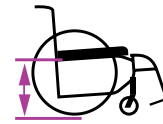
SEAT WIDTH
12 in. to 20 in. | 30.5 cm to 50.8 cm



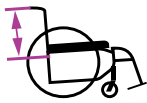
SEAT DEPTH
12 in. to 20 in. | 30.5 cm to 50.8 cm



FRONT SEAT-TO-FLOOR HEIGHT
14 in. to 21 in. | 35.6 cm to 53.3 cm



REAR SEAT-TO-FLOOR HEIGHT
14 in. to 20 in. | 35.6 cm to 50.8 cm



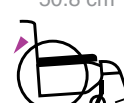
BACK HEIGHT
9 in. to 21 in. | 22.9 cm to 53.3 cm



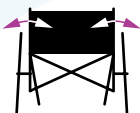
ARMREST HEIGHT
6 in. to 14 in. | 15.2 cm to 35.6 cm



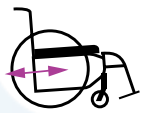
FOOTREST ANGLE
70°, 75°, 80°, 85°, 90°



BACK ANGLE
80° to 101°



WHEEL CAMBER
0°, 2°, 4°, 6°, 8°



CENTER OF GRAVITY
0 in. to 6 in. | 0 cm to 15.2 cm



OVERALL WIDTH
18 ¾ in. min. to 31 ½ in. max.
47.6 cm min. to 80 cm max.



WEIGHT LIMIT
265 lb. | 120 kg

Colors



Specifications

FRAME	Rigid
MATERIAL	T700 High-tensile strength carbon fiber
TRANSPORT WEIGHT	9.7 lb. 4.4 kg (16 x 16 without rear wheels, wheel locks, armrests, cushion and anti-tippers)
LIGHTEST CONFIGURATION	17.2 lb. 7.8 kg, with wheel locks and wheels
WEIGHT LIMIT	265 lb. 120 kg
WIDTH	12 in. to 20 in. 30.5 cm to 50.8 cm
DEPTH	12 in. to 20 in. 30.5 cm to 50.8 cm
FRONT SEAT-TO-FLOOR HEIGHT	14 in. to 21 in. 35.6 cm to 53.3 cm (with 3 in. to 6 in. caster)
REAR SEAT-TO-FLOOR HEIGHT	14 in. to 20 in. 35.6 cm to 50.8 cm (with 20 in. to 26 in. wheel)

Technologies



T700 HIGH-TENSILE STRENGTH CARBON FIBER

One of the lightest and sturdiest material available, also renowned for its vibration damping properties.



INTEGRATED IMPACT GUARD WITH TOP GRIP

Prevents daily-use scratches to the front of the frame. Adds high friction grip for transfers. Protects vulnerable areas of lower extremities. for best-in-class propulsion efficiency.



CLAMPED RIGIDIZING SYSTEM

Patented modular system that enhances versatility and rear frame stability



BUBBLE LEVELS

Built-in highly accurate and calibrated gauges make caster adjustments quick and precise.



STANDARD CARBON FIBER CAMBER TUBE

Provides a responsive ride without added weight.



LASER ETCHED MARKINGS

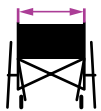
Allow for quick and easy symmetrical adjustments.



NEWTON ACCESSORIES

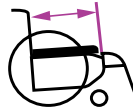
Parts and accessories designed to be lighter with improved functionality.

Dimensions



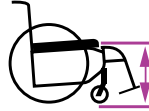
SEAT WIDTH

12 in. to 20 in. | 30.5 cm to 50.8 cm



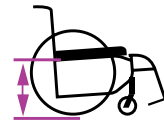
SEAT DEPTH

12 in. to 20 in. | 30.5 cm to 50.8 cm



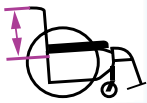
FRONT SEAT-TO-FLOOR HEIGHT

14 in. to 21 in. | 35.6 cm to 53.3 cm



REAR SEAT-TO-FLOOR HEIGHT

14 in. to 20 in. | 35.6 cm to 50.8 cm



BACK HEIGHT

9 in. to 21 in. | 22.9 cm to 53.3 cm



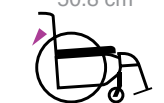
ARMREST HEIGHT

6 in. to 14 in. | 15.2 cm to 35.6 cm



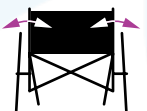
FOOTREST ANGLE

70°, 75°, 80°, 85°, 90°



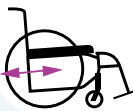
BACK ANGLE

80° to 101°



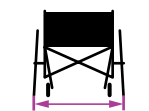
WHEEL CAMBER

0°, 2°, 4°, 6°, 8°



CENTER OF GRAVITY

0 in. to 6 in. | 0 cm to 15.2 cm



OVERALL WIDTH

18½ in. min. to 31½ in. max.
47.6 cm min. to 80 cm max.



WEIGHT LIMIT

265 lb. | 120 kg

Colors



