



**The award-winning RoughRider® is designed to easily handle a wide range of terrain.**

The RoughRider is the only wheelchair in the world that combines a long wheelbase with a short overall length, providing both safety on rough ground and maneuverability in close quarters.

Originally designed to withstand years of use in tough conditions throughout the developing world, the RoughRider is super-durable, providing independence and mobility both indoors and out, on pavement and off.

Engineered for manufacture at the lowest possible cost without sacrificing the features that riders need to independently function in all types of settings.

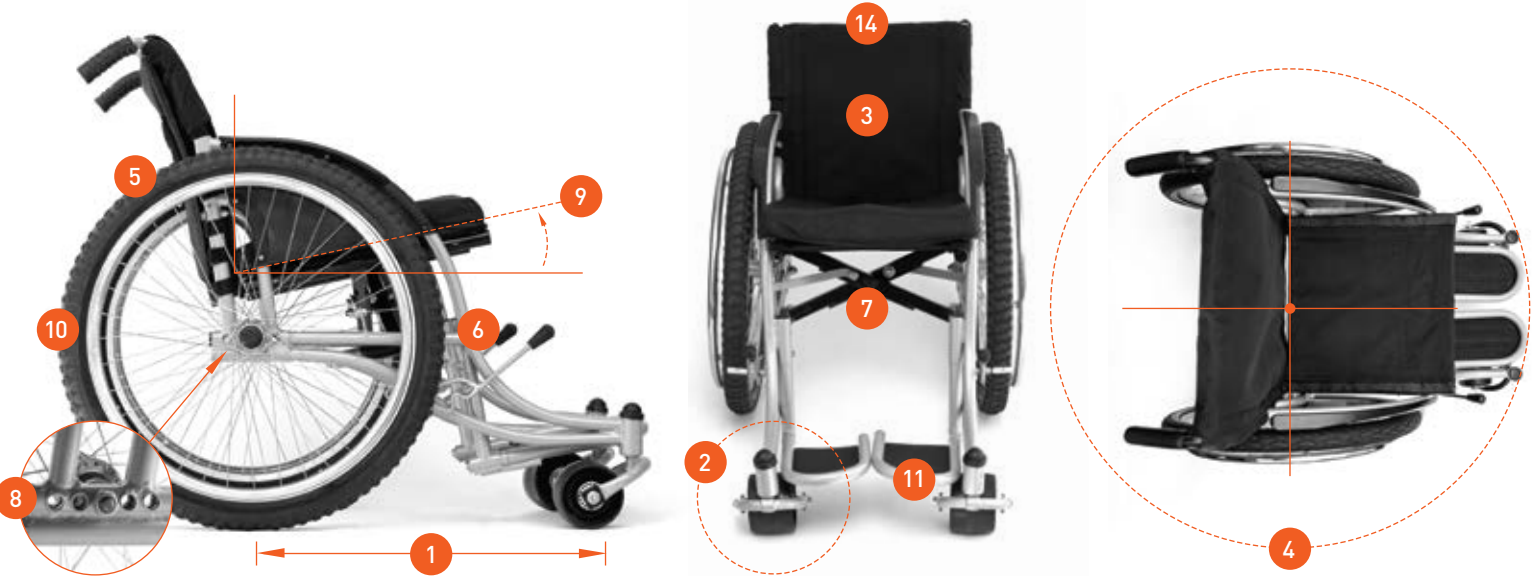
You will be proud to be seen in your RoughRider, with its elegant design and sleek, graceful lines that harmonize with the human body.

We believe in  
affordable technology  
that frees people to  
live life to the fullest —  
even in rugged  
environments.



Watch the RoughRider in action here:  
[whirlwindwheelchair.org/video-gallery](http://whirlwindwheelchair.org/video-gallery)

ROUGH RIDER 2013 FEATURES



- 1

**Long Wheelbase**  
The long wheel base is 150% longer than standard wheelchairs. This provides outstanding stability and safety from forward tipping — the number one cause of injury to wheelchair riders.
- 2

**WideFlex Casters**  
Whirlwind's signature caster wheels were developed from an innovation we observed in Zimbabwe. They roll easily over grass, mud, rocks, and lightly packed sand. Solid flexible rubber wheels eliminate flats and absorb shocks.
- 3

**Tension Adjustable Back**  
Ten individually adjustable straps provide optimal posture support for a broad range of users.
- 4

**Tight Turning Radius**  
Allows the RoughRider to be used in tight spaces.
- 5

**High Traction Rear Tires**  
Puncture-resistant, long wearing tires are perfect for off-road traveling.
- 6

**Super Duty Tough Frame**  
Say good-bye to broken caster forks and frame failures. The RoughRider is tested to double the industry's standard for durability.

- 7

**Folding Frame**  
Quick to stow in cars, buses, and other small spaces.
- 8

**Five Rear Axle Positions**  
Allows for 80 mm of center-of-gravity adjustment for optimal balance and ease of pushing.
- 9

**Seat Angle**  
Seat angle designed for comfort and safety on uneven surfaces and during sudden stops.
- 10

**Readily Available Parts**  
Tires, tubes, bearings, hardware, and wheel parts are easy to find and repair locally in bicycle shops, motorcycle shops, and hardware stores around the world.
- 11

**Toe-Protecting Foot Rest**  
The tube in front of the foot design protects toes from getting injured.
- 12

**Sporty Wheel Camber**  
3 degrees of wheel tilt makes pushing easier and improves sideways stability.
- 14

**Washable Upholstery**  
Seat back material is washable and the whole chair is friendly to hoses, river banks, and beaches.

Seat Widths	12.5" [32cm] / 14" [35.5cm] / 15.5" [39.5cm] / 17" [43cm] / 18.5" [47cm]	Seat Depth	14" [35.5cm]/16" [41cm]/18" [46cm]; adjustable
Back Heights	14" [35.5 cm], 16" [41 cm], 18" [46 cm]; adjustable	Front Caster Bearings	Standard bicycle hub and bearing
Overall Width	21.5" [55cm] - 28.5" [72cm]	Front Wheel Camber	3 degrees
Overall Length	36" [91cm] - 39" [99cm]	Wheelbase (front to rear axle)	19" [48cm] - 22" [56cm]
Seat Angle	12 degrees	Max Rider-Tested Weight	220 lb
Seat Height	19" [48 cm] at front of seat		
Rear Wheel Size	24" x 1.75" standard size; 1.5"-2.125" wide tires available		