



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

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HEADQUARTERS
San Francisco, California

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)

Back Heights 14" (35.5 cm), 16" (41 cm), 18" (46 cm); adjustable

Overall Width 21.5" (55cm) - 28.5" (72cm)

Overall Length 36" (91cm) - 39" (99cm)

Seat Angle 12 degrees

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

Seat Depth 14" (35.5cm)/16" (41cm)/18" (46cm); adjustable

Front Caster Bearings Standard bicycle hub and bearing

Front Wheel Camber 3 degrees

Wheelbase (front to rear axle) 19" (48cm) - 22" (56cm)

Max Rider-Tested Weight 220 lb