



## INTREPID ROUGH RIDER



**RALF HOTCHKISS, ROUGH RIDER DESIGNER & USER: "I HAVEN'T TIPPED OUT OF MY CHAIR IN 10 YEARS OF USE! "**



## *IDEAL FOR OUTDOOR MOBILITY*





#### STABILITY.

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

As the footrests are mounted above and not in front of the front wheels, the overall length of the *ROUGH RIDER* is less than that of a standard chair.



Whirlwind's signature caster wheels roll easily over grass, mud, rocks, and lightly packed sand. Solid flexible rubber wheels eliminate flats and absorb shocks.

Easily Available Parts: Tires, tubes, bearings, hardware, and wheel parts are easy to find and repair locally in bicycle & motorcycle shops, and hardware stores around the world.

#### Toe Protecting Foot Rest:

The tube at the front of the footrest protects the user's feet from the environment, giving users more safety and comfort.



The *ROUGH RIDER* effortlessly folds into a compact space.

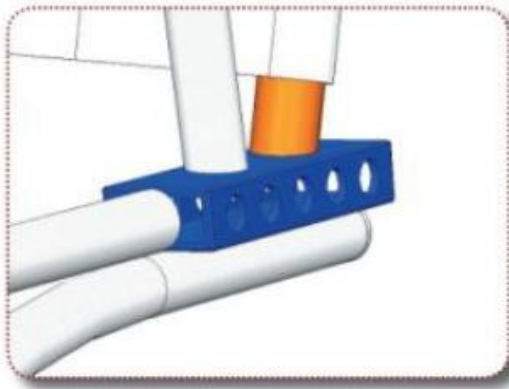
Commonly available pneumatic mountain bike tires are perfect for off-road traveling, making it easy to ride over roots and stones, through mud, sand, and gravel.



#### A Specially Designed Brake System:

Locks to keep you from sliding forward or back when stopped.





## Center of Gravity

Adjustable wheel positions optimize stability and performance for different rider skill levels and make the chair easier to push. Standard wheelchairs have only one wheel position



## Wheel Camber

Tilting the rear wheels three degrees inward at the top makes the chair easier for the user to push and increases sideways stability.

### **ROUGH RIDER Technical Specifications**

<b>Effective Seat Widths</b>	<b>305mm (12''), 355mm(14''), 400mm (15.75''), 440mm (17.3''), 480mm (18.9'')</b>
<b>Seat Depth:</b>	<b>405 mm(16'')</b>
<b>Seat Width:</b>	<b>500 mm (From ground)</b>
<b>Seat Angle:</b>	<b>12 Degrees</b>
<b>Seat/Backrest Angle:</b>	<b>90 Degrees</b>
<b>Backrest Height:</b>	<b>435mm Standard; (380mm &amp; 485mm Heights Optional)</b>
<b>Footrest Height:</b>	<b>255mm–375mm</b>
<b>Rear Tire Size:</b>	<b>24 X 1.75" - 24X 1.95" Standard</b>
<b>Rear Wheel Camber:</b>	<b>3 Degrees</b>
<b>Rear Wheel Bearings:</b>	<b>6001 (12mm ID X 28mm Od)</b>
<b>Caster Bearings:</b>	<b>6301 (12mmID X 37mm Od)</b>
<b>Rear Axles:</b>	<b>12mm (8,8 Grade)</b>
<b>Pushrim Diameter:</b>	<b>510 mm</b>
<b>Front Wheel Diameter Width:</b>	<b>80 X 110 mm</b>
<b>Front Wheel Bearing:</b>	<b>6000 (10mm ID x 26mm OD)</b>
<b>Overall Width:</b>	<b>229mm+ Net Seat Width</b>
<b>Overall Length:</b>	<b>Minimum 91cm; Maximum 99cm</b>
<b>Wheelbase (Front/Rear Axle):</b>	<b>Minimum 48cm; Maximum 56cm</b>
<b>Folded Width:</b>	<b>Narrowest 37cm; Widest 39cm</b>
<b>Rear Wheel Adjustability:</b>	<b>80mm, 5 Positions</b>
<b>Weight:</b>	<b>+/- 20 KG</b>
<b>Maximum Tested Rider Weight:</b>	<b>100KG</b>

**ROUGH RIDER**  
(Technical Specifications are approximate)

NGOs: Ask for quantity pricing. We speak English!

### **Kifas Ortopedik Ürünler San. ve Tic. Ltd. Sti**

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