



Urban Mobility Scooter

WHILL Model Ri

Smooth Ride



Best-in-Class Turning Radius

Easily navigates tight indoor and outdoor spaces with a class-leading turning radius made possible by the dual-motor system.



Comfort Redefined

Unlike any other scooter, the Model Ri features a unique stabilizer, providing unparalleled stability and ride comfort. It's the only scooter to combine independent suspension with a stabilizer, ensuring you stay balanced and comfortable during every ride.



Conquer Urban Terrain: Tackle rough and uneven surfaces with ease.



Swift Disassembly: Storage and loading into cars takes less than 10 seconds.



Turn on a Dime

The front wheel rotates at a right angle for the smallest possible turning radius.



More Features



Wide LED display for clear visibility.



Spacious flat floor that provides ample legroom.



Terrain coverage that allows you to go over grassy slopes.



Generous 4 gallon basket for your belongings.



The Model Ri is **IPX5 water resistant**, protecting it from light rain and water exposure. You can ride the scooter for short distances on rainy days or in other wet conditions.

Enabling Technology



Dual-Motor System: The motors can rotate in opposite directions, allowing the scooter to make precise turns on the spot.



Steering Angle Sensor: A safety feature that automatically adjusts speed during turns for an optimal and safe driving experience.



Stabilizer: This integration of stabilizer and independent suspension provides unmatched stability, especially in tight turns.



Durable Frame: The primary frame is high-strength aluminum for durable lightweight design.

Get the Most Out of Your WHILL

Personalized Experience with the WHILL App*

*Availability may differ by location



Swift Battery Solution

- ⌚ 5 hours to fully charge
- ⚡ Up to 11.6 miles of driving range
- 🤝 Developed in partnership with LG



Specifications

Performance

Driving Range with Full Battery Charge	Up to 11.6 miles
Maximum Speed*	5 mph / 3.7 mph
Ground Clearance	2.2 inches
Obstacle Clearance	2 inches
Maximum Incline	10° (17.6%)
Turning Radius	35.8 inches
Weight Capacity	325 lbs
Air Travel Approved	Yes
Weather Tested	IPX5
Suspension	Full suspension with stabilizer

*The maximum speed depends on local regulations.

Color Variations



○ Iconic White



● Silky Bronze



● Garnet Red



● Lapis Blue

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Battery and Power

Charging Time	Up to 5 hours
Battery Type	Lithium-ion

Size and Weight

Device Width	21.1 inches
Device Length	43.7 inches
Device Height	34.2 inches
Weight Fully Assembled	115.1 lbs
Seat Sizes Available	17 inch seat
Folded Width	21.1 inches
Folded Length	43.7 inches
Folded Height	32.9 inches

Stowage Width of Seat Assembly	21.1 inches
Stowage Length of Seat Assembly	19.2 inches
Stowage Height of Seat Assembly	12.5 inches

Stowage Width of Steering Unit	21.1 inches
Stowage Length of Steering Unit	11.3 inches
Stowage Height of Steering Unit	17.1 inches

Stowage Width of Drive Base	18 inches
Stowage Length of Drive Base	35.7 inches
Stowage Height of Drive Base	14.4 inches

Weight of Heaviest Part (Main Body)	44.8 lbs
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- The intended purpose of the WHILL Model Ri powered scooter is to provide outdoor and indoor mobility to individuals who are comfortable with operating a powered scooter.
- The type class of the powered scooter is Class A.

- Do not use the device as a seat in an automobile or other vehicle. There is a risk of damage to the device, causing an accident.
- Accessories are listed on the website.