

[Manuals.plus](#) /

› [ROCKBROS](#) /

› ROCKBROS MBS 20-Inch Folding Bike User Manual

ROCKBROS MBS 20-Inch Folding Bike

ROCKBROS MBS 20-Inch Folding Bike User Manual

Model: MBS 20-Inch Folding Bike

1. INTRODUCTION

Thank you for choosing the ROCKBROS MBS 20-Inch Folding Bike. This manual provides essential information for the safe assembly, operation, maintenance, and troubleshooting of your new bicycle. Please read this manual thoroughly before your first ride and keep it for future reference. Proper understanding and adherence to these instructions will ensure a safe and enjoyable cycling experience.

2. PRODUCT OVERVIEW

The ROCKBROS MBS 20-Inch Folding Bike is designed for portability and convenience, featuring a lightweight aluminum frame and an efficient Shimano 8-speed drivetrain. It is suitable for commuting, recreational rides, and travel.

Key Features:

- **Lightweight Aluminum Frame:** Weighing approximately 25 lbs, the aluminum alloy frame is 30-40% lighter than traditional steel frames, enhancing portability.
- **Compact Folding Design:** Folds quickly to a compact size of 31.49" × 27.56" × 14.57" for easy storage and transport.
- **Shimano 8-Speed Drivetrain:** Provides smooth and precise gear changes for various terrains.
- **V-Brakes:** Front and rear V-brakes offer reliable stopping power.
- **Adjustable Components:** Seat post and handlebar are adjustable to accommodate riders from 4'7" to 6'1" (140-185 cm) and support up to 220 lbs.
- **20-Inch Wheels:** Optimal size for urban environments and portability.



Image: The ROCKBROS MBS 20-Inch Folding Bike is lightweight and easy to carry, demonstrated by a woman effortlessly carrying it up stairs.



Image: The ROCKBROS MBS 20-Inch Folding Bike in use, highlighting its design for urban commuting and leisure.

[Product Overview Video](#)

Your browser does not support the video tag.

Video: This video provides a brief overview of the ROCKBROS MBS 20-Inch Folding Bike, showcasing its lightweight and portable design.

3. SETUP AND ASSEMBLY

Your ROCKBROS MBS 20-Inch Folding Bike comes mostly pre-assembled. Follow these steps for final setup before your first ride.

Unboxing and Initial Inspection

1. Carefully remove the bike from its packaging.
2. Inspect all components for any signs of damage during shipping. Contact customer support immediately if you find any issues.
3. Remove all protective packaging materials.

Unboxing Video

Your browser does not support the video tag.

Video: This video demonstrates the unboxing process of the ROCKBROS MBS 20-Inch Folding Bike, guiding you through initial setup steps.

Adjusting Seat Post and Handlebar

1. **Seat Post:** Loosen the quick-release lever on the seat post clamp. Adjust the seat height so that your leg has a slight bend at the knee when the pedal is at its lowest point. Ensure the seat post is inserted past the minimum insertion line. Securely close the quick-release lever.
2. **Handlebar:** Loosen the quick-release lever on the handlebar stem. Adjust the handlebar height to a comfortable position, ensuring it is aligned straight with the front wheel. Securely close the quick-release lever.

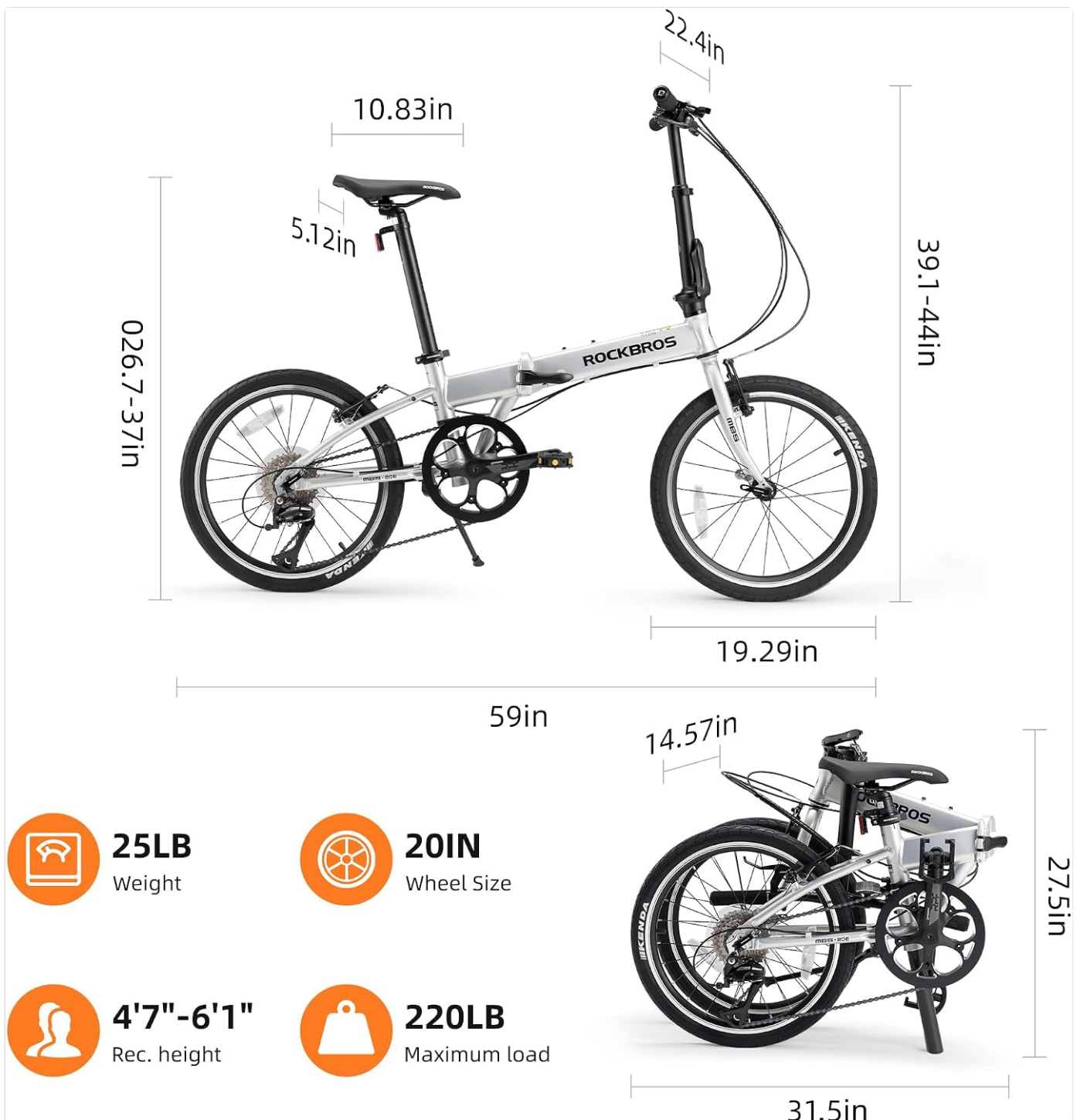


Image: Detailed dimensions and specifications of the bike, including recommended rider height and maximum load capacity.

Usage Instructions Video

Your browser does not support the video tag.

Video: This video provides detailed instructions on how to use and adjust the ROCKBROS MBS 20-Inch Folding Bike, including folding and unfolding.

4. OPERATING INSTRUCTIONS

Unfolding the Bike


1. Place the folded bike on a flat surface.
2. Release the frame latch (usually located in the middle of the main frame).
3. Unfold the frame until it locks into place. Ensure the latch is securely fastened.

4. Unfold the handlebar stem and secure its quick-release lever.
5. Adjust the seat post and handlebar to your preferred riding height.
6. Unfold the pedals if they are foldable.


Folding the Bike

1. Lower the seat post to its lowest position.
2. Fold the pedals inward if they are foldable.
3. Release the quick-release lever on the handlebar stem and fold the handlebar down.
4. Release the main frame latch and fold the bike in half. Ensure the frame is securely latched in the folded position.


EFFORTLESS COMMUTE ENJOY URBAN FREEDOM



01 Effortless folding—no tools needed!
Quick-release connectors, simple to operate, saves time and effort



02 25 lb Lightweight Aluminum Frame
30-40% lighter than steel. Easy to lift, commute & go. Easy to carry




03 Shimano 8-Speed Freewheel
Smooth, precise shifting for varied terrain — better control, easier ride.

Image: The bike's compact folded size allows for easy storage in a car trunk or on public transport.


Gear Shifting (Shimano 8-Speed)

Your bike is equipped with a Shimano 8-speed drivetrain for efficient pedaling across different terrains.


- Use the shifter on the right handlebar to change gears.
- Shift to a lower gear (larger cog on the rear wheel) for easier pedaling on inclines.
- Shift to a higher gear (smaller cog on the rear wheel) for faster speeds on flat or downhill sections.
- Always pedal lightly when shifting gears to ensure smooth transitions and prevent damage to the drivetrain.




Folding design




Shimano 8-speed




Aluminium alloy frame



20 inch wheelset



Front and rear V-brake



Steel flywheel

Image: Detail of the Shimano 8-speed system, ensuring smooth gear changes.

Braking (V-Brakes)

The bike features V-brakes on both the front and rear wheels.

- The right lever controls the rear brake, and the left lever controls the front brake.
- Apply both brakes simultaneously for controlled stopping.
- Avoid sudden, hard application of the front brake, especially at high speeds, as this can cause loss of control.

5. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your bicycle.

General Care

- **Cleaning:** Regularly clean your bike with mild soap and water. Avoid high-pressure washers, which can force water into bearings.
- **Lubrication:** Keep the chain clean and lubricated with appropriate bicycle chain lubricant. Lubricate every 100-150 miles or after riding in wet conditions.
- **Tire Pressure:** Check tire pressure before each ride. Maintain the pressure recommended on the tire sidewall.
- **Bolt Check:** Periodically check all bolts and quick-release levers to ensure they are securely tightened.

Brake and Gear Adjustment

- **Brakes:** Ensure brake levers engage smoothly and the brake pads make full contact with the wheel rim. Adjust cable tension if brakes feel too loose or too tight.
- **Gears:** If shifting becomes rough or gears skip, the derailleur may need adjustment. Consult a professional bike mechanic if you are unsure.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flat Tire	Puncture, low pressure	Inspect tire for punctures, repair or replace inner tube, inflate to correct pressure.
Gears not shifting smoothly	Cable tension, dirty chain, bent derailleur	Clean and lubricate chain. Check shifter cable tension. Consult a mechanic if derailleur is bent.
Brakes feel weak	Worn pads, loose cable, dirty rims	Check brake pad wear and replace if necessary. Adjust brake cable tension. Clean wheel rims.
Squeaking/Creaking Noises	Loose components, dry chain, unlubricated parts	Check all bolts and quick releases. Lubricate chain and pivot points.

7. SPECIFICATIONS

Feature	Specification
Bike Type	Folding Bike

Feature	Specification
Wheel Size	20 Inches
Frame Material	Aluminum Alloy
Number of Speeds	8 (Shimano Drivetrain)
Brake Style	V Brake (Front & Rear)
Suspension Type	Rigid
Weight	Approximately 25 lbs (11.34 kg)
Maximum Weight Recommendation	220 lbs (100 kg)
Minimum User Height	4'7" (140 cm)
Intended Riding Terrain	Paved Roads
Folded Dimensions (L x W x H)	31.49" x 27.56" x 14.57" (80cm x 70cm x 37cm)

8. SAFETY INFORMATION

Always prioritize safety when riding your bicycle.

- Always wear a helmet that meets safety standards.
- Ensure all quick-release levers and bolts are securely tightened before each ride.
- Check tire pressure, brakes, and steering before every ride.
- Ride defensively and be aware of your surroundings, including traffic and pedestrians.
- Use appropriate lighting (front and rear) when riding in low-light conditions or at night.
- Obey all local traffic laws and regulations.
- Avoid riding under the influence of alcohol or drugs.
- Do not exceed the maximum weight recommendation of 220 lbs (100 kg).

9. WARRANTY AND SUPPORT

ROCKBROS products are designed for quality and durability. For specific warranty details, please refer to the warranty card included with your purchase or visit the official ROCKBROS website. If you encounter any issues or require technical assistance, please contact ROCKBROS customer support through the retailer where you purchased the bike or via the contact information provided on the official ROCKBROS website.

