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## Oryxearth 105CC 4-Stroke Mini Bike

# Oryxearth 105CC 4-Stroke Gas Powered Mini Bike Instruction Manual

Model: 105CC 4-Stroke Mini Bike

## 1. INTRODUCTION

This manual provides essential information for the safe operation, assembly, and maintenance of your Oryxearth 105CC 4-Stroke Gas Powered Mini Bike. Please read this manual thoroughly before operating the mini bike to ensure proper use and to prevent injury or damage.

The Oryxearth 105CC 4-Stroke Mini Bike is designed for off-road use by individuals aged 8 and up, with a recommended height of 4.27FT-5.9FT and a maximum weight capacity of 185 LBS. It features a powerful 3.5HP 105CC 4-stroke OHV engine, automatic clutch drive system, 14.5-inch all-terrain tires, and a rear disc brake for reliable stopping power.

## 2. SAFETY INFORMATION

**WARNING: Operating this mini bike can be dangerous. Always wear appropriate safety gear, including a helmet, eye protection, gloves, and protective clothing. Adult supervision is required for riders under 16 years of age. Do not operate on public roads or highways.**

- Always perform a pre-ride inspection.
- Ensure all nuts and bolts are tightened before each ride.
- Never operate the mini bike under the influence of alcohol or drugs.
- Maintain a safe distance from other riders and obstacles.
- Be aware of your surroundings and terrain conditions.
- This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

## 3. SETUP AND ASSEMBLY

Your Oryxearth Mini Bike is 90% pre-assembled. Only the handlebar clamp and front tire require assembly. Please follow these steps carefully.

### 3.1 Unboxing

Carefully open the packaging. Use a knife to slice through the tape sealing the outer box. Remove the top foam packaging and lift the mini bike out of the box. Check the package contents against the parts list in your included manual to ensure nothing is missing.

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Video: Unboxing and initial assembly steps for the FRP GMB100 Mini Bike, demonstrating how to remove the bike from its packaging and verify all parts are present.

### 3.2 Front Fork and Handlebar Assembly

Tools required: 12mm, 15mm, 10mm, and 13mm wrenches, and a hex screwdriver.

1. Align the concave side of the front fork with the frame.
2. Thread the handlebar out from the front fork and set it aside. Ensure the handlebar is threaded out from the left side of the front fork and head tube, meaning it should be threaded out from the right side of the frame.
3. Loosen the screws on the bearings. Insert the bearings into the connection between the front fork and the head tube.
4. Tighten the screws and secure them with 12mm and 15mm wrenches.
5. Loosen the screws on the handlebar presses and separate the upper handlebar press from the lower handlebar press.
6. Place the lower pressure block beneath the handlebar.
7. Insert the screws of the upper handlebar press into the screw holes of the lower handlebar press.
8. Insert the entire handlebar press into the screw holes above the front fork.
9. Secure the handlebar press in place using a nut.
10. Follow the same process with the second handlebar press.
11. Adjust the handlebar's angle to securely fasten the handlebar press in place.
12. Tighten the handlebar presses using a 10mm and 13mm wrench.

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Video: Detailed steps for assembling the front fork and handlebar of the FRP GMB100 Mini Bike.

### 3.3 Front Tire Assembly

Tools required: 14mm and 19mm wrenches.

1. Loosen the screws on the bearings and thread the bearings successively into the front fork, spacer, and tire.
2. Ensure that the tread on the tire, with the pointed edges, is facing forward.
3. Please ensure that the bearings are inserted in the direction indicated by the arrow.
4. Place the other spacer on the opposite side of the tire and thread the bearing through it.
5. Thread the nut onto the end and secure it using 14mm and 19mm wrenches.

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Video: Step-by-step guide for installing the front tire on the FRP GMB100 Mini Bike, including proper bearing and spacer placement.

### 3.4 Front Fender Assembly

Tools required: Hex screwdriver.

1. Place the front fender onto the front fork.
2. Fasten the front fender in place with screws and tighten them using hex screwdrivers.

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Video: Instructions for attaching the front fender to the FRP GMB100 Mini Bike using a hex screwdriver.

### 3.5 Fuel and Oil

- Add engine oil with a 10W-30 or higher rating.
- Add gasoline with an octane rating of 87 or higher (non-ethanol). The tank capacity is 0.32 gallons.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Starting the Engine

The mini bike features an easy pull-start mechanism. Ensure the kill switch is in the "ON" position before attempting to start.



Image: Close-up of the Oryxearth Mini Bike engine, highlighting the pull-start mechanism.

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Video: Demonstration of starting the Oryxearth Mini Dirt Bike, showing the pull-start and handlebar controls.

## 4.2 Riding and Controls

The mini bike has an automatic clutch drive system, making it easy for beginners to operate. The maximum speed is approximately 28 Mph.



Image: Diagram highlighting key features like the adjustable handlebar, PU leather seat, sturdy metal frame, and rear disc brake.

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Video: A rider demonstrating the operation of the 105CC Gas Mini Bike in a rust color, showcasing its handling and features.

## 4.3 Braking

The mini bike is equipped with a rear disc brake for effective and smooth stopping. Familiarize yourself with the brake lever location and feel before riding at higher speeds.



Image: The Oryxearth Mini Bike featuring wide off-road tires, suitable for various terrains like grass, gravel, and asphalt.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your mini bike.

- **Engine Oil:** Check engine oil levels regularly and change as recommended in the full owner's manual.
- **Chain:** Keep the chain clean and properly lubricated. Inspect for wear and tension.
- **Tires:** Check tire pressure before each ride. The 14.5-inch all-terrain tires are designed for various surfaces.
- **Brakes:** Inspect the rear disc brake for proper function and wear. Adjust as needed.
- **Cleaning:** Clean the mini bike after each use, especially after riding in muddy or dusty conditions, to prevent rust and maintain components.

## 6. TROUBLESHOOTING

If you encounter issues with your mini bike, consider the following common problems:

- **Engine not starting:** Check fuel level, oil level, and ensure the kill switch is in the "ON" position.

- **Loss of power:** Verify fuel quality and quantity. Check air filter for clogs.
- **Brake issues:** Inspect brake pads and cable tension.

For more complex issues, refer to the detailed troubleshooting section in your full owner's manual or contact customer support.

## 7. SPECIFICATIONS

Feature	Detail
Engine	105CC 4-Stroke OHV, 3.5HP
Max Speed	Up to 28 Mph
Weight Capacity	Up to 185 LBS
Recommended Age	8+ (Manufacturer recommended age: 13 years and up)
Fuel Type	Gasoline with Octane Rating of 87 or Higher (non-ethanol)
Fuel Tank Capacity	0.32 Gallons
Brake System	Rear Disc Brake
Tires	14.5-inch All-Terrain Tires
Dimensions	26 x 33 x 50 inches
Item Weight	88.2 pounds
EPA Approved	Yes

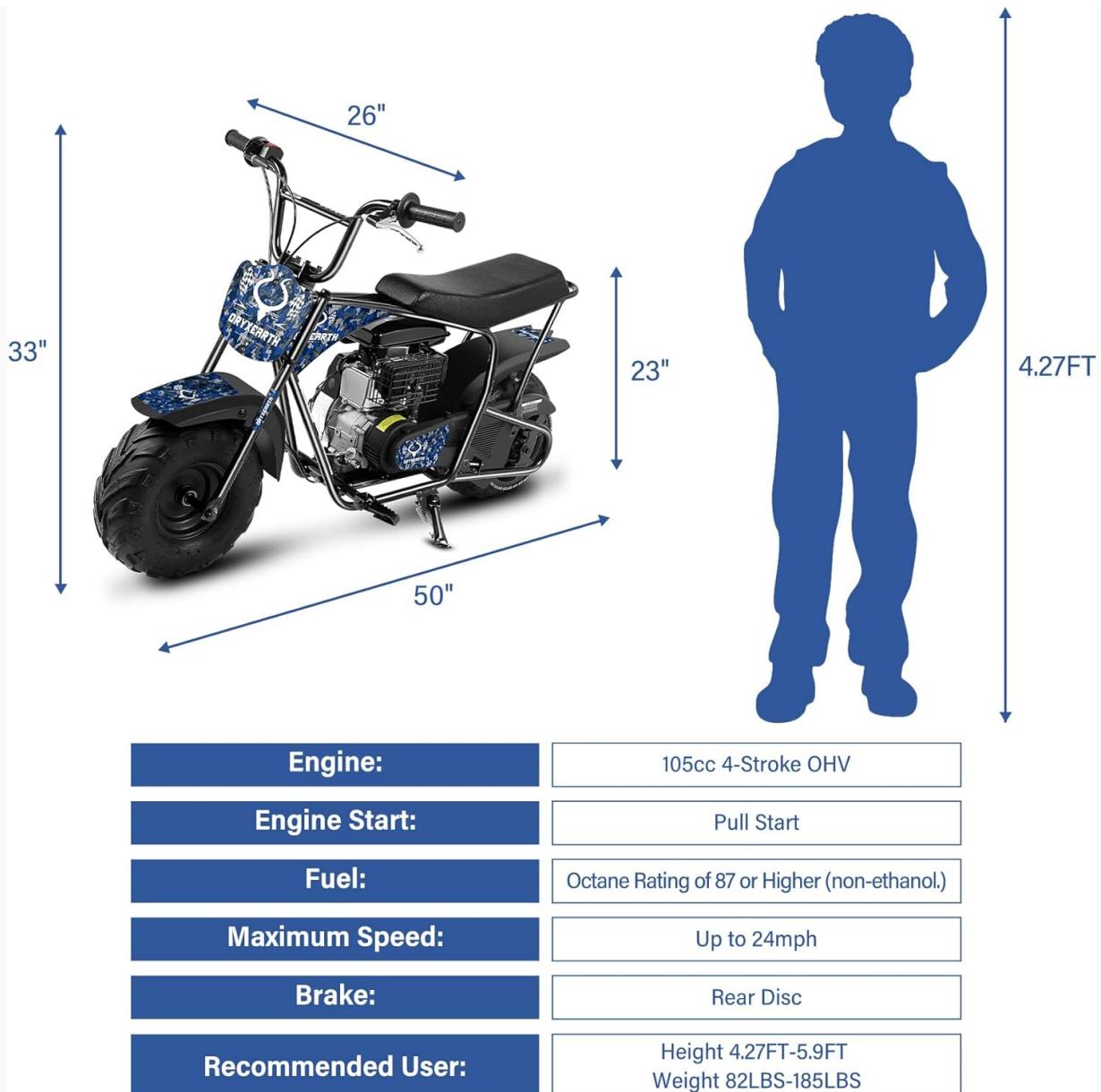


Image: Visual representation of the Oryxearth Mini Bike's dimensions and key specifications.

## 8. WARRANTY AND SUPPORT

Oryxearth provides the following warranty and support for your mini bike:

- Parts Warranty:** 60-day parts warranty.
- Engine Warranty:** 90-day engine warranty.
- Customer Service:** Dedicated customer service team available 24/7.
- Replacement Parts:** Full part inventory in stock for complimentary replacement parts.

For any questions, concerns, or warranty claims, please contact Oryxearth customer support. Refer to your purchase documentation for specific contact details.