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## Landworks GUO079-FBA

# Landworks 20-Ton Portable Log Splitter

## INSTRUCTION MANUAL

Model: GUO079-FBA

### INTRODUCTION

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This instruction manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Landworks 20-Ton Portable Log Splitter. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.

### SAFETY INFORMATION

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**WARNING: Failure to follow these safety instructions may result in serious injury or death.**

- Always wear appropriate personal protective equipment, including eye protection (safety glasses or goggles), hand protection (heavy-duty gloves), and sturdy footwear.
- Operate the log splitter only in well-ventilated outdoor areas. This unit is gas-powered and produces exhaust fumes.
- Keep hands, feet, and clothing clear of all moving parts, especially the splitting wedge and ram.
- Ensure the log splitter is on a stable, level surface before operation.
- Do not attempt to split logs larger than the specified capacity (20 inches in length, 16 inches in diameter).
- Never force the ram. If a log is not splitting, release the control lever to allow the ram to retract.
- Keep children and pets away from the operating area.
- Hydraulic fluid is not included with the unit. Use AW32 hydraulic fluid as recommended.

### COMPONENTS OVERVIEW

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Familiarize yourself with the main components of your log splitter:



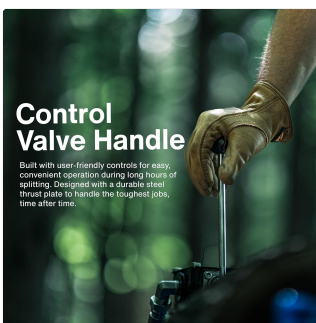
**Overall Unit:** The complete Landworks 20-Ton Portable Log Splitter, designed for efficient and portable firewood splitting.



**7HP Heavy Duty Gas Engine:** Provides the power for the 20-ton rated system, ensuring smooth and consistent performance. This is a 4-stroke engine.



**2-Stage Gear Pump:** Features multiple impellers for enhanced efficiency and an aluminum housing for quick heat dissipation, contributing to long-lasting durability.



**Control Valve Handle:** User-friendly control for operating the splitting ram. Pushing forward engages the splitting mode, and releasing allows for automatic return.



**10-inch Sturdy Transport Wheels:** Allows for smooth maneuvering and easy transportation of the log splitter across various terrains.

## SETUP

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1. **Unpacking and Assembly:** Carefully unpack all components. Assembly is designed to be straightforward, but it is recommended to take your time and ensure all factory-tightened parts are secure.
2. **Add Hydraulic Fluid:** The log splitter is shipped without hydraulic fluid. Fill the hydraulic reservoir with AW32 hydraulic fluid. A funnel may be helpful, but pour slowly to prevent spills.
3. **Add Engine Oil:** Fill the engine with the appropriate engine oil as specified in the engine manual. Ensure the oil level is correct using the dipstick.
4. **Fueling:** Fill the fuel tank with fresh, unleaded gasoline.

## OPERATING INSTRUCTIONS

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### 1. Starting the Engine:

- Ensure the ignition switch is in the 'ON' position.
- Move the choke lever to the 'CHOKE' position (for cold starts).
- Adjust the throttle to a slightly open position.
- Pull the recoil starter cord firmly until the engine starts.
- Once started, gradually move the choke lever to the 'RUN' position as the engine warms up.

Video: Demonstrates the starting procedure for the Landworks log splitter engine.

2. **Loading Logs:** Place a log horizontally on the splitting beam, ensuring it is centered against the wedge. The log splitter can handle logs up to 20 inches in length and 16 inches in diameter.

### 3. Splitting Operation:

- Engage the control valve lever by pushing it forward. This will extend the ram and push the log into the wedge.
- Maintain pressure on the lever until the log is split.
- Release the control valve lever. The ram will automatically retract to its starting position. This rapid auto-return feature allows for a quick 7.5-second cycle time.

Video: Overview of Landworks products, including the log splitter in action, demonstrating its power and efficiency.

4. **Clearing Split Logs:** Once split, remove the firewood from the beam.

## MAINTENANCE

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- **Hydraulic Fluid Check:** Regularly check the hydraulic fluid level. Ensure it is within the recommended range.

Use AW32 hydraulic fluid for refills.

- **Engine Oil Check:** Check the engine oil level before each use. Refer to the engine manual for specific oil type and capacity.
- **Spark Plug:** If the engine has difficulty starting, inspect and replace the spark plug as needed.
- **General Cleaning:** Keep the log splitter clean from wood chips, debris, and dirt. This helps prevent wear and ensures smooth operation.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Engine not starting	No fuel, old fuel, spark plug issue, choke setting.	Check fuel level and freshness. Inspect and replace spark plug. Adjust choke and throttle settings.
Hydraulic ram not extending/retracting properly	Low hydraulic fluid, air in system, damaged components.	Check hydraulic fluid level and add AW32 if low. Consult a qualified technician for air bleeding or component replacement.
Overheating (cylinder/pump)	Extended use in high temperatures.	Allow the unit to cool down. Consider using a mist attachment on a hose to cool the cylinder and pump during prolonged use in warm conditions.
Plastic pieces in hydraulic system	Broken dipstick.	Immediately cease operation. Contact customer support or a qualified technician to remove debris and prevent further damage.

## SPECIFICATIONS

Feature	Specification
Splitting Force	20 Ton
Engine Type	7HP Gas Engine (4-Stroke)
Hydraulic Pump	2-Stage Bucher Hydraulic Gear Pump
Max Log Length	20 inches
Max Log Diameter	16 inches
Cycle Time	7.5 seconds (Rapid Auto Return)
Weight	130 lbs (unit only), 145.2 lbs (item weight)
Transport Wheels	10-inch Sturdy Transport Wheels
Model Number	GUO079-FBA

## WARRANTY AND SUPPORT

Landworks products are manufactured by GCM. For replacement parts and support, you may visit [GCMOUTLET.COM](http://GCMOUTLET.COM). Protection plans are also available for purchase to extend coverage beyond the standard

manufacturer's warranty.

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly plan covering eligible purchases)

For customer support, please refer to the contact information provided with your product documentation or visit the Landworks store on Amazon.