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› [YARDMAX](#) /

› [YARDMAX YC0850 Plate Compactor User Manual](#)

YARDMAX YC0850

YARDMAX YC0850 Plate Compactor User Manual

MODEL: YC0850

Introduction

This manual provides essential information for the safe operation, maintenance, and troubleshooting of your YARDMAX YC0850 Plate Compactor. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage. Keep this manual for future reference.

Important Safety Information

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

- Always wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, and sturdy footwear, when operating the compactor.
- Operate the compactor only in well-ventilated areas to avoid carbon monoxide poisoning from engine exhaust.
- Keep hands, feet, and clothing away from moving parts, such as the engine and vibrator assembly.
- The engine and muffler become very hot during operation. Avoid contact to prevent burns.
- Handle fuel with extreme care. Fuel is highly flammable. Refuel in a well-ventilated area with the engine off and cool.
- Do not operate the compactor on excessively steep slopes.
- Keep bystanders, especially children and pets, at a safe distance from the operating area.
- This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

Product Overview

The YARDMAX YC0850 Plate Compactor is designed for compacting soil, sand, gravel, and asphalt in various residential and light commercial applications. Its robust design ensures efficient and reliable performance.

Key Features:

- Self-propelled, 79cc engine delivering 5900 blows per minute with 2.5 HP.
- Single, stamped plate design without weld beads for enhanced strength and flatness, preventing rust over time.
- Integrated fold-up transport wheels for easy maneuverability.
- Three-point handle with rubber bushings for vibration absorption.
- Fold-down handle for compact storage.



Figure 1: YARDMAX YC0850 Plate Compactor with handle extended, ready for operation.

The compactor features a durable engine and a heavy-duty base plate designed for effective compaction. The ergonomic handle provides comfortable control during use.

Setup and Assembly

Unpacking and Initial Inspection:

Carefully remove the compactor from its packaging. Inspect all components for any signs of shipping damage. If any damage is found, contact your dealer immediately.

Assembly Instructions:

Assembly typically involves attaching the handle and the transport wheels. Refer to the included hardware and diagrams for specific bolt and nut placements.

1. Attach the main handle assembly to the compactor frame using the provided bolts and nuts. Ensure all fasteners are securely tightened.
2. Mount the transport wheels to their designated brackets. These wheels are designed to fold up for operation and down for transport.
3. Connect the throttle cable to the engine carburetor and secure it to the handle.



Figure 2: Partial view of the YC0850 Plate Compactor showing the handle and wheel attachment points during assembly.

Fuel and Oil Requirements:

The engine is shipped without oil. It is critical to add the correct type and amount of engine oil before the first start-up. Use unleaded gasoline with an octane rating of 87 or higher.

1. **Engine Oil:** Fill the engine crankcase with 10W-30 engine oil to the upper mark on the dipstick. Do not overfill.
2. **Fuel:** Fill the fuel tank with fresh, clean unleaded gasoline. Do not use E85 fuel.



Figure 3: Illustration of engine fluid management. Ensure proper oil levels before initial operation and during maintenance.

Operation

Pre-Operation Checklist:

- Check engine oil level.
- Check fuel level.
- Inspect air filter for cleanliness.
- Ensure all fasteners are tight.
- Verify the transport wheels are in the raised position for compaction.

Starting the Engine:

1. Move the fuel valve to the 'ON' position.
2. Move the choke lever to the 'CLOSED' position (for cold starts).
3. Move the throttle lever to the 'FAST' position.
4. Turn the engine switch to the 'ON' position.
5. Pull the recoil starter handle firmly until the engine starts.

6. Once the engine starts, gradually move the choke lever to the 'OPEN' position.

Compacting Procedure:

Allow the engine to warm up for a few minutes before beginning compaction. Guide the compactor over the area to be compacted, allowing it to move at a steady pace. Overlap passes slightly to ensure uniform compaction. For best results, compact in layers, typically 4-6 inches deep, and make multiple passes.

Stopping the Engine:

1. Move the throttle lever to the 'SLOW' position and allow the engine to idle for a moment.
2. Turn the engine switch to the 'OFF' position.
3. Move the fuel valve to the 'OFF' position.

Maintenance

Regular maintenance is crucial for the longevity and optimal performance of your plate compactor.

Maintenance Schedule:

Item	Before Each Use	Every 25 Hours / Annually	Every 50 Hours / Annually
Engine Oil Level	Check		Change
Air Filter	Check	Clean	
Spark Plug		Inspect/Clean	
General Fasteners	Check		

Engine Oil Change:

Drain the old oil while the engine is warm. Refill with the recommended type and amount of new oil. Dispose of used oil responsibly.

Air Filter Cleaning:

Remove the air filter cover and clean the foam element with warm, soapy water. Rinse thoroughly and allow to air dry completely before re-oiling with engine oil and reinstalling.

Spark Plug Inspection:

Remove the spark plug and inspect for wear, carbon buildup, or damage. Clean or replace as necessary. Ensure the gap is set correctly.

Storage:

For long-term storage, drain the fuel tank or add a fuel stabilizer. Change the engine oil. Clean the compactor thoroughly. Store in a dry, protected area. The handle can be folded down for compact storage.



Figure 4: YC0850 Plate Compactor with its handle folded down, illustrating its compact storage capability.

Troubleshooting

This section provides solutions to common operational issues. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
Engine will not start	No fuel; Engine switch OFF; Choke incorrect; Spark plug fouled	Add fuel; Turn switch ON; Adjust choke; Clean/replace spark plug
Loss of power during operation	Low fuel; Dirty air filter; Incorrect throttle setting	Refuel; Clean air filter; Adjust throttle to FAST
Excessive vibration	Loose fasteners; Damaged vibrator assembly	Tighten all fasteners; Inspect vibrator, contact service if damaged
Compactor not moving	Transport wheels not fully raised; Engine not at operating speed	Ensure wheels are raised; Increase engine RPM

Specifications

Technical specifications for the YARDMAX YC0850 Plate Compactor:

Specification	Value
Model Number	YC0850
Engine Displacement	79cc
Engine Horsepower	2.5 hp
Compaction Force	1850 lb.
Blows Per Minute (BPM)	5900
Item Weight	Approximately 110 lbs (from A+ content)
Plate Width	20 inches (from A+ content)
Plate Depth	12.5 inches (from A+ content)

Warranty and Support

Warranty Information:

YARDMAX products are backed by a manufacturer's warranty. Please refer to the warranty card included with your product or visit the official YARDMAX website for detailed warranty terms and conditions.

Customer Support:

For technical assistance, parts, or service inquiries, please contact YARDMAX customer support. You can also visit the official YARDMAX Store for additional resources and product information.

YARDMAX Store: [Visit the YARDMAX Store on Amazon](#)

Related Documents - YC0850

	<p>YARDMAX Plate Compactors Operator's Manual: YC1160 & YC1390</p> <p>Comprehensive operator's manual for YARDMAX plate compactors, models YC1160 and YC1390. Covers safety, operation, maintenance, specifications, and troubleshooting for effective use.</p>
	<p>YARDMAX Plate Compactors Operator's Manual - YC1160, YC1390</p> <p>Official operator's manual for YARDMAX Plate Compactors, models YC1160 and YC1390. Provides detailed instructions on safe operation, assembly, maintenance, troubleshooting, and parts identification.</p>

	<p>YARDMAX YG2760 22 in. RWD 3-in-1 Gas Walk Behind Self-Propelled Lawn Mower Operator's Manual</p> <p>This operator's manual provides comprehensive instructions for the YARDMAX YG2760 22-inch RWD 3-in-1 Gas Walk Behind Self-Propelled Lawn Mower. It covers safety precautions, operation, maintenance, and troubleshooting to ensure safe and effective use of the equipment.</p>
	<p>YARDMAX Gas Log Splitter Parts Diagram - YS2565/YS2865 Operator's Manual</p> <p>Detailed parts diagram for YARDMAX YS2565 and YS2865 Gas Log Splitters. Visual guide to assembly, components, and part identification, referencing the operator's manual for a complete parts list.</p>
	<p>YARDMAX YT4565 Dual Rotating Rear Tine Tiller Operator's Manual</p> <p>Comprehensive operator's manual for the YARDMAX YT4565 Dual Rotating Rear Tine Tiller, covering safety, operation, maintenance, and troubleshooting.</p>
	<p>PetSafe YardMax Cordless In-Ground Fence Product Manual</p> <p>Comprehensive product manual for the PetSafe YardMax Cordless In-Ground Fence system, detailing setup, training, features, and troubleshooting.</p>

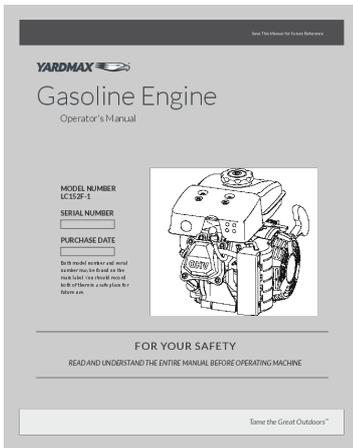
Documents - YARDMAX – YC0850



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Plate Compactors chainsawjournal wpengine netdna ssl Chainsaw Journal Manual YC1160PM01 1706 Carefully read through this entire operator s manual before using your new unit Pay attention to all cautions and warnings This is a gasoline engine driven plate compactor 39 Make sure understand the instructions safety precautions as outlined in Engine Manufacturer packed separately with It perfect for creating optimal do not attempt start but move machine away Equipment described within may be optional Some illustrations applicable YC0850 Displacement Size MANUAL YARDMAX 2019 03 Save This Manual for Future Reference Plate Compactors Operator s Manual MODEL NUMBER **YC0850** SERIAL NUMBER PURCHASE DATE Both model number and serial number may be found on the main label see Page 2, Figure 1a Figure 1b . You should record both of them in a safe place for future use. FOR YOUR SAF...

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Gasoline Engine manual You will need this serial number when ordering parts and making technical or warranty inquiries ENGINE TYPE SERIAL NUMBER DISCLAIMER Keep owner 39 s handy so you can refer to it at any time This is considered a permanent part of the engine should remain with if resold MANUAL YARDMAX YC0850 chainsawjournal wpengine netdna ssl 2019 03 Save Manual for Future Reference

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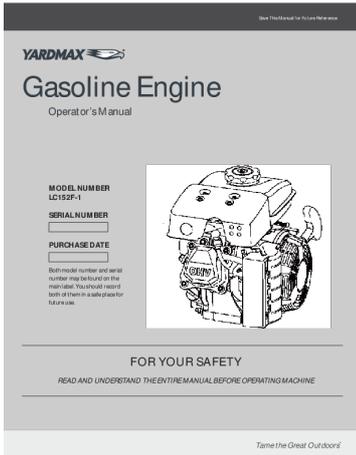


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YC0850 3 Introduction & Specifications Page 5 Plate Compactor » Operator's Manual SYMBOLS The rating plate on your machine may show symbols These represent 1531967_Man1 media tractorsupply is content TractorSupplyCompany tsc product 1 53 19 67

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Plate Compactors



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Plate Compactors



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Plate Compactors

Operator's Manual

MODEL NUMBER

YC1160

YC1390

SERIAL NUMBER

PURCHASE DATE

Use the model number and serial number to identify the correct manual. Page 2, Figure 2a & Figure 2b. See the back cover of all manuals for information on how to use this manual.



[YARDMAX Plate Compactors Operator's Manual - YC1160, YC1390](#)

Official operator's manual for YARDMAX Plate Compactors, models YC1160 and YC1390. Provides detailed instructions on safe operation, assembly, maintenance, troubleshooting, and parts identification.

lang:en score:19 filesize: 3.65 M page_count: 24 document date: 2023-09-07

FOR YOUR SAFETY

READ AND UNDERSTAND THE ENTIRE MANUAL BEFORE OPERATING MACHINE