

manuals.plus /

- › [MechMaxx](#) /
- › [MechMaxx DCH7 Wood Chipper User Manual - Honda GX690 22HP 688cc](#)

## MechMaxx DCH7

# MechMaxx DCH7 Wood Chipper User Manual

Model: DCH7 | Engine: Honda GX690 22HP 688cc



## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your MechMaxx DCH7 Wood Chipper. Please read this manual thoroughly before operating the machine to ensure proper use and to prevent injury or damage.

The MechMaxx DCH7 is a robust wood chipper designed for processing wood and branches up to 7 inches in diameter. It is powered by a reliable Honda GX690 22HP 688cc Twin Cylinder Gasoline Engine, featuring a dual variable speed hydraulic infeed system for efficient material processing.



*Image 1.1: The MechMaxx DCH7 Wood Chipper, showcasing its overall design and components.*

## 2. SAFETY INFORMATION

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

- Always read and understand the entire instruction manual before operating the wood chipper.
- Wear appropriate personal protective equipment (PPE), including safety glasses, hearing protection, gloves, and sturdy footwear.
- Keep all bystanders, children, and pets at a safe distance (at least 50 feet) from the operating area.
- Ensure the work area is clear of debris, obstacles, and other hazards.
- Never operate the chipper under the influence of alcohol, drugs, or medication that may impair judgment.
- Before starting, inspect the machine for loose parts, damage, or leaks. Do not operate if any issues are found.
- The emergency stop bar is located on the feeding drum. In case of emergency or equipment malfunction, push this bar to quickly stop the machine.
- Ensure tail lights are functional when transporting the unit on public roads.
- Handle fuel with extreme care. Refuel in a well-ventilated area with the engine off and cool.

## 3. SETUP AND ASSEMBLY

The MechMaxx DCH7 Wood Chipper requires some assembly and preparation before its first use. Follow these steps carefully.

### 3.1 Unpacking and Inspection

Carefully remove all components from the packaging. Inspect for any shipping damage. Report any damage to your dealer immediately.

### 3.2 Wheel and Trailer Bar Installation

Attach the two 5.3-12 tubeless rear wheels and the front wheel as per the assembly diagrams provided in the separate assembly guide. Secure the trailer bar for transport or positioning.



*Image 3.1: Side view of the chipper showing the trailer hitch and wheel assembly.*

### 3.3 Engine Preparation

1. **Add Engine Oil:** Fill the Honda GX690 engine with the recommended type and amount of engine oil. Refer to the Honda engine manual for specific details.
2. **Add Fuel:** Fill the fuel tank with fresh, unleaded gasoline. Do not overfill.
3. **Battery Connection:** Connect the 12V36Ah lead-acid battery for electric starting. Ensure correct polarity.



*Image 3.2: Close-up view of the Honda GX690 engine, highlighting its placement on the chipper.*

### **3.4 Collapsible Feeding Box**

The feeding box is designed to be collapsible for storage or transport. Ensure it is securely unfolded and locked into position before operation.





*Image 3.3: Illustration of the collapsible feeding box for storage or transport.*

## 4. OPERATING INSTRUCTIONS

---

Follow these steps for safe and effective operation of your DCH7 Wood Chipper.

### 4.1 Starting the Engine

1. Ensure the chipper is on a level surface and the emergency stop bar is disengaged.
2. Turn the fuel valve to the 'ON' position.
3. Set the choke lever (if cold starting).
4. Turn the ignition key to the 'START' position. Release when the engine starts.
5. Once the engine is running, gradually move the choke lever to the 'OFF' position.

### 4.2 Feeding Material

The DCH7 features a 7.5x6.5 inch feed roller and dual variable speed hydraulic infeed system. It can handle wood or branches with a maximum diameter of 7 inches.

- Always feed material butt-end first.
- Do not force material into the feeder. The hydraulic infeed will pull the material automatically.
- Use the three-gear control bar to manage the feeding speed and direction (Motor Reversal, Motor Advance, Motor Stopped).
- Never reach into the feed chute while the machine is running.



Image 4.1: The wood chipper actively processing a branch, demonstrating its feeding capability.



Image 4.2: Visual representation of the chipper's maximum 7-inch material capacity.



Image 4.3: Diagram illustrating the motor control bar for feed roller operation.

### 4.3 Discharge Chute Adjustment

The 360° rotary discharge chute and adjustable deflector allow for precise debris discharge. Adjust the chute direction and deflector angle to direct chipped material as needed.



Image 4.4: Illustration of the 360-degree rotating discharge chute and its adjustable height.

### 4.4 Shutting Down

1. Allow the engine to idle for a few minutes to cool down.
2. Turn the ignition key to the 'OFF' position.
3. Turn the fuel valve to the 'OFF' position.

## 5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your DCH7 Wood Chipper.

### 5.1 Engine Maintenance

Refer to the Honda GX690 engine manual for detailed maintenance schedules. Key tasks include:

- **Oil Changes:** Check oil level before each use and change oil at recommended intervals.
- **Air Filter:** Clean or replace the air filter regularly, especially in dusty conditions.
- **Spark Plugs:** Inspect and replace spark plugs as needed.



*Image 5.1: Detailed view of the Honda GX690 engine, highlighting its specifications and features.*

## 5.2 Blade Maintenance

The chipper is equipped with 2pcs 8" blades and 2pcs 6" anvil made of A8(5Cr8MoVSi) material. Sharp blades are crucial for efficient chipping.

- Inspect blades for sharpness and damage before each use.
- Blades can be sharpened or replaced. The discharge chute can be fully opened for easier access during maintenance and blade replacement.
- Always wear heavy-duty gloves when handling blades.

## 5.3 Hydraulic System

Regularly check hydraulic fluid levels and inspect hoses and connections for leaks or damage.

## 5.4 General Cleaning and Storage

- Clean the chipper thoroughly after each use, removing all wood chips and debris.
- Store the chipper in a dry, secure location. The feeding box can be collapsed for more compact storage.
- Ensure the 12V36Ah lead-acid battery is properly maintained, especially during extended storage periods.

# 6. TROUBLESHOOTING

This section addresses common issues you might encounter with your DCH7 Wood Chipper.

## 6.1 Engine Will Not Start

- Check fuel level.
- Ensure the fuel valve is open.
- Check battery connections and charge level for electric start.



- Verify the emergency stop bar is disengaged.
- Check spark plug for fouling or damage.

### 6.2 Chipper Jams

- Immediately engage the emergency stop bar.
- Allow all moving parts to come to a complete stop.
- Clear the jam manually, ensuring hands and tools are kept away from blades.
- Restart the machine and feed material at a slower rate or smaller diameter.

### 6.3 Poor Chipping Performance

- Inspect blades for dullness or damage. Sharpen or replace as necessary.
- Ensure the engine is running at full RPM.
- Verify the material being fed is within the 7-inch maximum diameter.

## 7. SPECIFICATIONS

Feature	Specification
Model Number	DCH7 (Item Model Number: 110700H)
Engine	Honda GX690, 22HP, 688cc, Twin Cylinder, Gasoline, Air-cooled 4-stroke OHV
Battery	12V36Ah Lead-Acid
Feed Roller Size	7.5 x 6.5 inches
Max. Chipping Diameter	7 inches
Blades	2pcs 8" blades, 2pcs 6" anvil (Material: A8(5Cr8MoVSi))
Infeed System	Dual Variable Speed Hydraulic
Discharge Chute	360° Rotary, Adjustable Deflector, 90 inches height
Wheels	Two 5.3-12 Tubeless Rear Wheels, One Front Wheel
Wheelbase	52.5 inches
Product Dimensions (L x W x H)	137 x 55 x 90 inches
Item Weight	1389 pounds
Manufacturer	MechMaxx



Image 7.1: Illustration of the wheel and wheelbase dimensions.





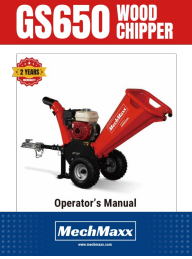



Image 7.2: Detail of the tail lights and electrical connector for safe transport.

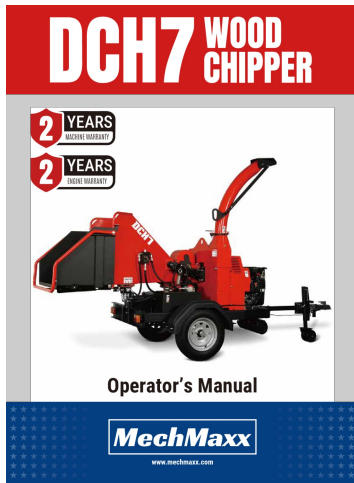
## 8. WARRANTY AND SUPPORT

MechMaxx is committed to customer satisfaction and product reliability.

- **Protection Plan:** A 3-Year Protection Plan may be available for this product. Please refer to your purchase documentation for details.
- **Customer Support:** For technical assistance, parts, or warranty claims, please contact MechMaxx customer support.
- **Manufacturer:** MechMaxx
- **Online Store:** Visit the [MechMaxx Store](#) for more information and products.

© 2023 MechMaxx. All rights reserved.  
This manual is subject to change without notice.

 <p><b>P4205 WOOD CHIPPER</b></p> <p>Operator's Manual</p> <p><b>MechMaxx</b></p>	<p><a href="#">MechMaxx Wood Chipper P4205 Operator's Manual and Safety Guide</a></p> <p>Comprehensive operator's manual for the MechMaxx Wood Chipper model P4205, covering safety, operation, maintenance, assembly, and troubleshooting for this 5-inch gasoline-powered wood chipper.</p>
 <p><b>P4206 WOOD CHIPPER</b></p> <p>Operator's Manual</p> <p><b>MechMaxx</b></p>	<p><a href="#">Mechmaxx P4206 Wood Chipper Operator's Manual</a></p> <p>Comprehensive operator's manual for the Mechmaxx P4206 Wood Chipper, featuring a Ducar DH420E 420cc, 15 HP gasoline engine. This guide covers essential safety precautions, detailed specifications, assembly instructions, operating procedures, maintenance schedules, storage preparation, and troubleshooting tips for optimal performance and longevity.</p>
 <p><b>GS650 WOOD CHIPPER</b></p> <p>Operator's Manual</p> <p><b>MechMaxx</b></p>	<p><a href="#">MechMaxx GS650 Wood Chipper Operator's Manual</a></p> <p>This operator's manual provides detailed instructions for the MechMaxx GS650 Wood Chipper, including safety guidelines, assembly, operation, maintenance, and troubleshooting procedures. Features a Honda GX200 engine.</p>
 <p><b>P4206 WOOD CHIPPER</b></p> <p>Operator's Manual</p> <p><b>MechMaxx</b></p>	<p><a href="#">MechMaxx P4206 Wood Chipper Operator's Manual</a></p> <p>Comprehensive operator's manual for the MechMaxx P4206 Wood Chipper, covering specifications, safety, operation, maintenance, storage, and troubleshooting. Features Ducar DH420E engine and 2-year warranty.</p>
 <p><b>P4206 WOOD CHIPPER</b></p> <p>Operator's Manual</p> <p><b>MechMaxx</b></p>	<p><a href="#">Mechmaxx P4206 Wood Chipper Operator's Manual</a></p> <p>Comprehensive operator's manual for the Mechmaxx P4206 Wood Chipper, detailing specifications, safety instructions, operation, maintenance, and troubleshooting for the 15 HP Ducar engine powered unit.</p>
 <p><b>P4206 WOOD CHIPPER</b></p> <p>Operator's Manual</p> <p><b>MechMaxx</b></p>	<p><a href="#">Mechmaxx P4206 Wood Chipper Operator's Manual and Safety Guide</a></p> <p>Comprehensive operator's manual for the Mechmaxx P4206 Wood Chipper, featuring a DUCAR 420cc 15HP E-start engine. Includes detailed safety instructions, assembly guide, operation procedures, maintenance schedules, storage tips, and troubleshooting solutions for optimal performance and safe use.</p>



[\[pdf\]](#) User Manual Specifications Warranty Accessories

DCH7 Product manual 1 8 Manual 0HONDA GX690 22HP 688cc Twin Cylinder Gasoline Engine

Powered 7 Hydraulic shopify s files 0653 3470 6391 v 1747120327 |||

YEARS MACHINE WARRANTY YEARS ENGINE WARRANTY Operator s Manual

[www.mechmaxx.com](http://www.mechmaxx.com) INTRODUCTION Congratulations on your purchase of the MechMaxx wood chipper This manual provides all the information you need to operate and maintain your machine safely and effectively. Read and understand the entire...

lang:en score:25 filesize: 15.95 M page\_count: 34 document date: 2025-05-12