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## HearthSong 716795

# HearthSong PLAYmake 4-in-1 Woodshop Carpentry Cool Tool Instruction Manual

Model: 716795

## 1. INTRODUCTION

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The HearthSong PLAYmake 4-in-1 Woodshop Carpentry Cool Tool is designed to introduce young users to woodworking skills in a safe and engaging manner. This versatile tool combines four functions: a jigsaw, a lathe, a drill press, and a sander, allowing for a variety of creative projects. This manual provides essential information for the safe and effective operation of your PLAYmake Woodshop.



Image 1.1: The HearthSong PLAYmake 4-in-1 Woodshop Carpentry Cool Tool in its assembled state.

## 2. SAFETY INFORMATION

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Your safety and the safety of others are paramount when operating the PLAYmake Woodshop. This tool is designed with multiple safety features for young users, but proper supervision and adherence to guidelines are crucial.

- **Adult Supervision:** Always ensure an adult supervises children during operation.
- **Eye Protection:** Always wear the included safety goggles to protect eyes from sawdust and debris.
- **Stable Surface:** Operate the tool on a stable, flat surface. Clamping the tool to a workbench is recommended for enhanced stability.
- **Appropriate Materials:** Use only recommended wood types and sizes. Avoid forcing the tool with excessive pressure.
- **Power Supply:** Use only the provided power supply. Disconnect power when changing accessories or when the tool is not in use.
- **Hand Placement:** Keep hands clear of moving parts, especially the jigsaw blade, lathe chisel, and drill bit.
- **Clothing and Hair:** Secure loose clothing and tie back long hair to prevent entanglement with moving parts.

## 3. PACKAGE CONTENTS

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Verify that all components are present in your package:

- PLAYmake 4-in-1 Woodshop Carpentry Cool Tool base unit
- Jigsaw attachment
- Lathe attachment
- Drill Press attachment
- Sander attachment
- Power supply
- Safety goggles
- Practice wooden dowels
- Wood samples
- Deluxe project book

## 4. SETUP

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Follow these steps to set up your PLAYmake Woodshop:

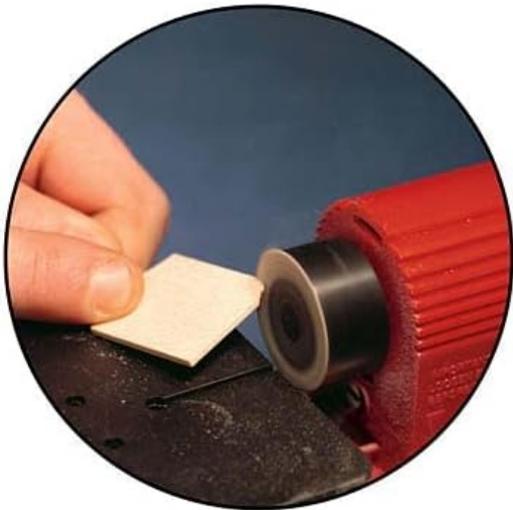
1. **Unpack Components:** Carefully remove all items from the packaging.
2. **Choose a Work Surface:** Select a sturdy, level table or workbench.
3. **Secure the Base:** The PLAYmake Woodshop is designed to snap onto building block systems. For added stability, it is highly recommended to clamp or screw the base unit to your work surface.
4. **Connect Power:** Plug the power supply into the designated port on the PLAYmake base unit, then into a

standard electrical outlet. Ensure the power switch is in the 'OFF' position before connecting.

5. **Install Desired Attachment:** Select the desired tool attachment (jigsaw, lathe, drill press, or sander) and securely attach it to the base unit according to the instructions in the project book.

## 5. OPERATING THE 4-IN-1 WOODSHOP

Always wear safety goggles when operating any function of the PLAYmake Woodshop.



### Sander



### Drill Press



### Lathe



### Jigsaw

Image 5.1: The four primary configurations of the PLAYmake Woodshop: Sander, Drill Press, Lathe, and Jigsaw.

### 5.1. Jigsaw Function

The jigsaw allows for cutting various shapes in thin wood sheets.

1. **Attachment:** Securely attach the jigsaw module to the base. Ensure the blade is properly aligned with the bobbing mechanism and flush with the adjoining piece.

2. **Material Placement:** Place the wood piece flat on the cutting table.
3. **Operation:** Turn on the power. Guide the wood piece slowly and steadily into the blade. Avoid forcing the wood or making rapid movements, as this can bend or break the blade.
4. **Safety:** Keep fingers away from the blade. The blade is designed for safety but can still cut if excessive force is applied.



Image 5.2: A child operating the jigsaw function to cut a wooden shape.

## 5.2. Lathe Function

The lathe is used for shaping and turning wooden dowels.

1. **Attachment:** Securely attach the lathe module. Insert a wooden dowel between the centers, ensuring it is firmly held.
2. **Operation:** Turn on the power. The dowel will rotate. Use the provided chisel tool to carefully remove small

amounts of wood, shaping the dowel as desired.

3. **Technique:** Apply light, consistent pressure with the chisel. Listen to the motor; if it strains, reduce pressure.
4. **Safety:** Keep hands and fingers away from the rotating dowel and chisel tip.



Image 5.3: A child carefully shaping a wooden dowel using the lathe function.

### 5.3. Drill Press Function

The drill press is used for drilling holes in wood pieces.

1. **Attachment:** Securely attach the drill press module. Ensure the drill bit is properly installed.
2. **Material Placement:** Place the wood piece on the drill press table, aligning it under the drill bit.
3. **Operation:** Turn on the power. Slowly lower the drill bit into the wood using the handle. The drill is designed for shallow holes; avoid attempting to drill too deep or through very thick materials.
4. **Safety:** Keep fingers clear of the rotating drill bit.

## 5.4. Sander Function

The sander is used for smoothing wood surfaces and edges.

1. **Attachment:** Securely attach the sander module. Ensure the sanding disc is properly in place.
2. **Operation:** Turn on the power. Gently press the wood piece against the rotating sanding disc to smooth rough areas.
3. **Safety:** Keep fingers away from the rotating disc. While designed to be safe, prolonged contact can cause friction burns or minor abrasions.

## 6. MAINTENANCE

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Proper maintenance ensures the longevity and safe operation of your PLAYmake Woodshop.

- **Cleaning:** After each use, disconnect the power and use a small brush or cloth to remove sawdust and debris from the tool. Do not use water or liquid cleaners directly on electrical components.
- **Blade/Disc Inspection:** Regularly inspect the jigsaw blade, lathe chisel, drill bit, and sanding disc for wear or damage. Replace worn components as needed.
- **Storage:** Store the PLAYmake Woodshop and its accessories in a clean, dry place, away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

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If you encounter issues with your PLAYmake Woodshop, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Jigsaw blade bends or breaks easily.	Excessive force or fast movement; improper blade alignment.	Guide wood slowly with less pressure. Ensure blade is correctly aligned and flush.
Lathe motor strains.	Too much pressure applied with the chisel.	Reduce pressure on the chisel. Take smaller cuts.
Tool moves during operation.	Not properly secured to the work surface.	Clamp or screw the base unit to a stable table or workbench.
Tool does not power on.	Power supply not connected; power switch off; faulty power supply.	Check power connections. Ensure switch is ON. Test outlet with another device.

## 8. SPECIFICATIONS

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- **Product Dimensions:** 11 x 2 x 4 inches
- **Item Weight:** 4.16 pounds
- **Model Number:** 716795
- **Manufacturer Recommended Age:** 8 years and up

- **Functions:** Jigsaw, Lathe, Drill Press, Sander
- **Power Source:** External Power Supply (included)

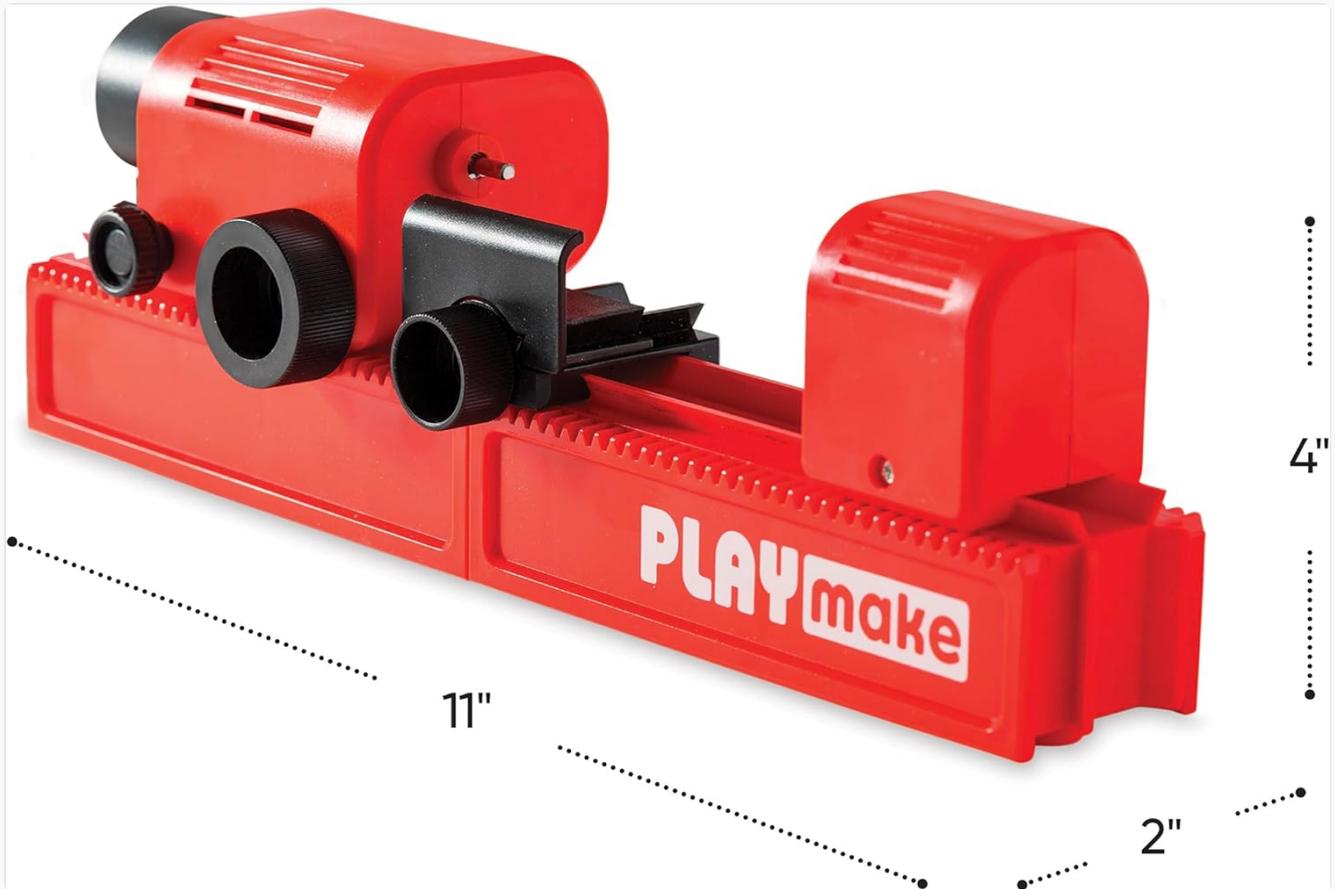


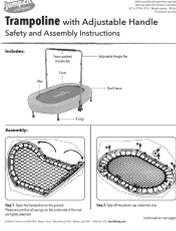
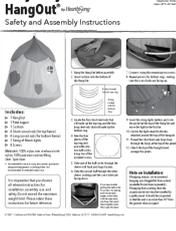
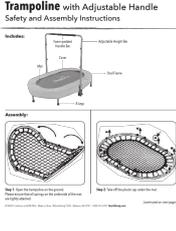
Image 8.1: Product dimensions of the PLAYmake 4-in-1 Woodshop.

## 9. WARRANTY AND SUPPORT

For warranty information, product support, or to inquire about replacement parts, please contact HearthSong customer service directly. Refer to the contact information provided with your purchase or visit the official HearthSong website.

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Related Documents - 716795

 <p><b>Cozy Posy HangOut</b> Safety and Assembly Instructions</p>	<p><a href="#">Cozy Posy HangOut® Safety and Assembly Instructions   HearthSong</a></p> <p>Comprehensive safety and assembly instructions for the HearthSong Cozy Posy HangOut (#729677). Includes parts list, materials, care, step-by-step assembly guide, and important safety warnings for this children's hanging seat.</p>
 <p><b>Trampoline with Adjustable Handle</b> Safety and Assembly Instructions</p>	<p><a href="#">HearthSong Jump2It Trampoline with Adjustable Handle: Safety and Assembly Guide</a></p> <p>Detailed safety and assembly instructions for the HearthSong Jump2It Trampoline with Adjustable Handle. Includes part identification, step-by-step assembly, essential safety information, installation guidelines, and care/maintenance tips.</p>
 <p><b>hearthsong</b> Cloud Art <b>Double-Sided Easel</b> Safety and Assembly Instructions</p>	<p><a href="#">HearthSong Cloud Art Double-Sided Easel: Safety and Assembly Guide</a></p> <p>Comprehensive safety and assembly instructions for the HearthSong Cloud Art Double-Sided Easel (#733335), a fun art activity for children aged 3+. Includes setup, usage, maintenance, and repair guidance.</p>
 <p><b>Family Hangout Stand</b> Assembly Instructions</p>	<p><a href="#">Family Hangout Stand Assembly Instructions &amp; HugglePod Product Details   HearthSong</a></p> <p>Step-by-step assembly instructions for the HearthSong Family Hangout Stand, including parts list and hanging guide. Features details on the HugglePod Family HangOut, its benefits, and specifications.</p>
 <p><b>Cozy Posy HangOut</b> Safety and Assembly Instructions</p>	<p><a href="#">Cozy Posy HangOut® Safety and Assembly Instructions   HearthSong</a></p> <p>Comprehensive safety and assembly instructions for the HearthSong Cozy Posy HangOut (#729677). Includes parts list, materials, care, step-by-step assembly guide, and important safety warnings for this children's hanging seat.</p>
 <p><b>Trampoline with Adjustable Handle</b> Safety and Assembly Instructions</p>	<p><a href="#">HearthSong Jump2It Trampoline with Adjustable Handle: Safety and Assembly Guide</a></p> <p>Detailed safety and assembly instructions for the HearthSong Jump2It Trampoline with Adjustable Handle. Includes part identification, step-by-step assembly, essential safety information, installation guidelines, and care/maintenance tips.</p>

