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## Ramia PRO-AS

# Ramia PRO-AS Premium Plus Work Bench User Manual

Model: PRO-AS | Brand: Ramia

## INTRODUCTION

This manual provides essential information for the assembly, operation, maintenance, and troubleshooting of your Ramia PRO-AS Premium Plus Work Bench. Please read this manual thoroughly before assembly and use to ensure safe and efficient operation.

The Ramia PRO-AS Premium Plus Work Bench is designed as a robust and sizable workbench, ideal for various woodworking and crafting tasks. It features a solid beech wood construction with a double varnished finish, ensuring durability and a long lifespan.

## PRODUCT OVERVIEW

The Ramia PRO-AS Premium Plus Work Bench is a high-quality workbench crafted from FSC Beechwood, featuring a classic design with modern functionality. Key components include:

- **Worktop:** A large, solid beech wood surface providing ample workspace.
- **Front Vice:** Sturdy design measuring 20 3/4" x 2 3/4" with two bench dog holes.
- **Tail Vice:** Classic design measuring 18" x 5 1/2" with three bench dog holes.
- **Bench Dog Holes:** 16 holes across the front (12 on top, 4 along the 3.5" bench front) for versatile clamping.
- **Tool Drawer:** Integrated drawer for convenient storage of frequently used tools.
- **Tool Well:** Along the back side of the bench for laying aside tools and materials, and for easy cleanup.
- **Construction:** Features finger joint and dovetail construction for maximum strength and durability.



**Figure 1:** Full view of the Ramia PRO-AS Premium Plus Work Bench, showcasing its solid beech wood construction and integrated vices.

## SETUP AND ASSEMBLY

The Ramia PRO-AS Premium Plus Work Bench requires assembly. It is recommended to have at least two people for assembly due to the weight and size of the components (Item Weight: 200 Pounds).

### 1. Unpacking

- Carefully unpack all components from the packaging.
- Verify all parts are present against the included parts list.
- Inspect all wooden components for any shipping damage.

### 2. Assembly Steps

While specific detailed assembly instructions are not provided here, general steps typically involve:

1. Attach the legs to the workbench top. Ensure all bolts are securely tightened.
2. Install the stretcher bars between the legs for added stability. Note: Some users have reported that the holes for nuts to bolt the stretchers may be tight for an open-end wrench, requiring careful tightening.
3. Ensure vices are properly aligned and operate smoothly.
4. Insert the provided 3/4" bench dogs into the designated holes.



**Figure 2:** Detail of the workbench's front vice and bench dog holes, illustrating the precise clamping mechanism.

## OPERATING INSTRUCTIONS

The Ramia PRO-AS Premium Plus Work Bench is designed for secure clamping and stable support of workpieces during various tasks.

### 1. Using the Vices

- **Front Vice:** Use for clamping workpieces horizontally. The two bench dog holes allow for clamping wider pieces in conjunction with bench dogs.
- **Tail Vice:** Ideal for clamping longer workpieces along the length of the bench using bench dogs. The three bench dog holes provide flexibility.
- Turn the vice handles clockwise to tighten and counter-clockwise to loosen. Ensure the vices tighten smoothly.

### 2. Utilizing Bench Dogs

- Insert the 3/4" bench dogs into the desired holes on the workbench top and front apron.
- Position your workpiece against the bench dogs and tighten the appropriate vice to secure it. This allows for precise clamping of various sized materials.



**Figure 3:** Demonstrates using the workbench to secure a piece of wood for sawing, highlighting the stability provided by the clamping mechanism.



**Figure 4:** Illustrates planing a workpiece on the workbench, showing how the robust surface and clamping options support precision work.



**Figure 5:** Shows a curved wooden piece being worked on with a spokeshave, demonstrating the versatility of the workbench's clamping for irregular shapes.

## MAINTENANCE

Proper maintenance will extend the life and preserve the functionality of your Ramia PRO-AS Premium Plus Work Bench.

- **Cleaning:** Regularly clean the worktop and tool well to remove sawdust, debris, and any spills. The tool well facilitates quick cleaning.
- **Wood Care:** The bench has a double varnished finishing. Avoid harsh chemicals. For long-term care, consider applying a suitable wood wax or oil periodically to maintain the finish and prevent drying.
- **Vice Maintenance:** Periodically lubricate the vice screws with a dry lubricant (e.g., paraffin wax or silicone spray) to ensure smooth operation.
- **Hardware Check:** Periodically check all bolts and fasteners for tightness and re-tighten as necessary to maintain stability.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Vices are stiff or difficult to turn.	Lack of lubrication on screw threads; sawdust accumulation.	Clean screw threads and apply a dry lubricant (e.g., paraffin wax).
Workbench feels wobbly or unstable.	Loose assembly bolts; uneven floor.	Check and tighten all assembly bolts. Ensure the workbench is on a level surface.
Workpiece slips in vice.	Vice not tightened sufficiently; worn vice jaws; incorrect use of bench dogs.	Ensure vice is fully tightened. Use bench dogs appropriately for secure clamping. Inspect vice jaws for wear.
Damage to wood (e.g., dents, scratches).	Impact from tools or materials; improper handling.	Use protective pads when clamping delicate work. Avoid dropping heavy tools on the surface. Minor dents can sometimes be raised with steam.

## SPECIFICATIONS

Feature	Detail
Model Number	PRO-AS
Brand	Ramia
Material	Solid Beech Wood (FSC Certified)
Finish Type	Double Varnished, Painted
Color	Brown
Product Dimensions (L x W x H)	87 x 25 x 34.25 inches
Item Weight	200 Pounds
Assembly Required	Yes
Included Components	Premium Plus Work Bench, 4 x 3/4" Bench Dogs
Country of Origin	Czech Republic
UPC	744391130068

## WARRANTY INFORMATION

The Ramia PRO-AS Premium Plus Work Bench comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, abuse, accidents, unauthorized repairs, or normal wear and tear.

For warranty claims, please retain your proof of purchase and contact the manufacturer or authorized seller.

## CUSTOMER SUPPORT

For any questions, assistance with assembly, or troubleshooting not covered in this manual, please contact your authorized Ramia dealer or the manufacturer, Robert Larson Company.

You may also refer to the seller's customer support information provided at the time of purchase. (e.g. [Woodcraft Seller Information](#) on Amazon).

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Manufactured by Robert Larson Company, Czech Republic.