

STANLEY 2-17-202

Stanley FatMax 2-17-202 Grinding Saw User Manual

MODEL: 2-17-202

1. Introduction

Thank you for choosing the Stanley FatMax 2-17-202 Grinding Saw. This manual provides essential information for the safe and effective use, maintenance, and care of your new tool. Please read it thoroughly before operation and retain it for future reference.

This saw is designed for precision finishing work, including cutting skirting boards, mouldings, strips, quarter rounds, and friezes.

2. Safety Information

Always observe basic safety precautions when using hand tools to reduce the risk of injury.

- **Wear Eye Protection:** Always wear safety glasses or goggles to protect your eyes from flying debris.
- **Keep Work Area Clear:** Ensure your workspace is clean, well-lit, and free from obstructions.
- **Secure Workpiece:** Always clamp or otherwise secure the material you are cutting to prevent movement during operation.
- **Inspect Tool Before Use:** Check the saw for any damage or loose parts before each use. Do not use a damaged tool.
- **Proper Grip:** Maintain a firm grip on the handle to ensure control over the saw.
- **Store Safely:** Store the saw in a dry, secure place out of reach of children.

3. Product Overview

The Stanley FatMax 2-17-202 Grinding Saw is engineered for durability and precision. Key features include:

- **FATMAX Range:** Designed for robust and ergonomic performance, suitable for intensive use.
- **JetCut Tooth Design:** Features universal 13 teeth per inch (TPI) with HARDPOINT teeth treatment for increased cutting longevity and easier sawing.
- **Precision Blade:** A 0.86mm thick blade ensures precise cuts.

- **Bi-Material Handle:** Ergonomically designed for comfort and control, screwed directly onto the blade.
- **Reinforced Back:** Provides additional stability and control during sawing operations.

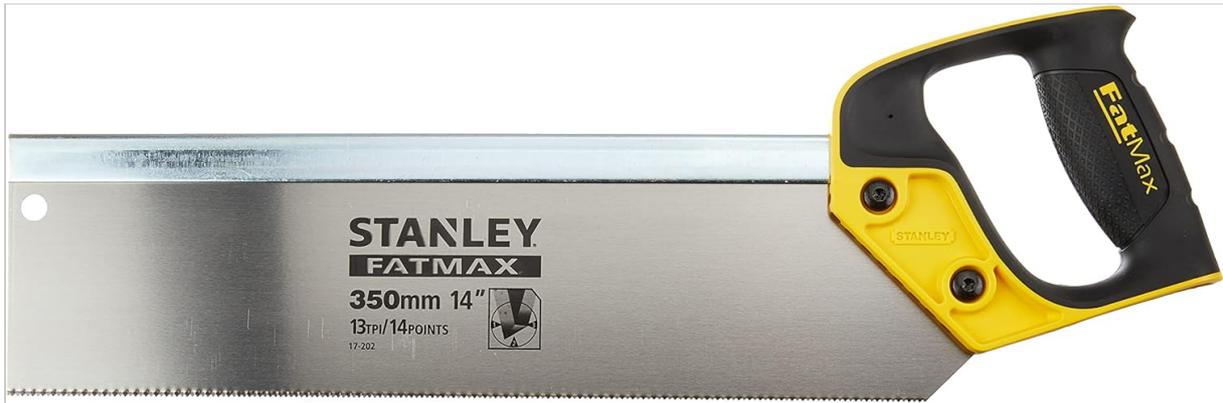


Figure 1: Stanley FatMax 2-17-202 Grinding Saw, showing the full tool with its ergonomic handle and blade.

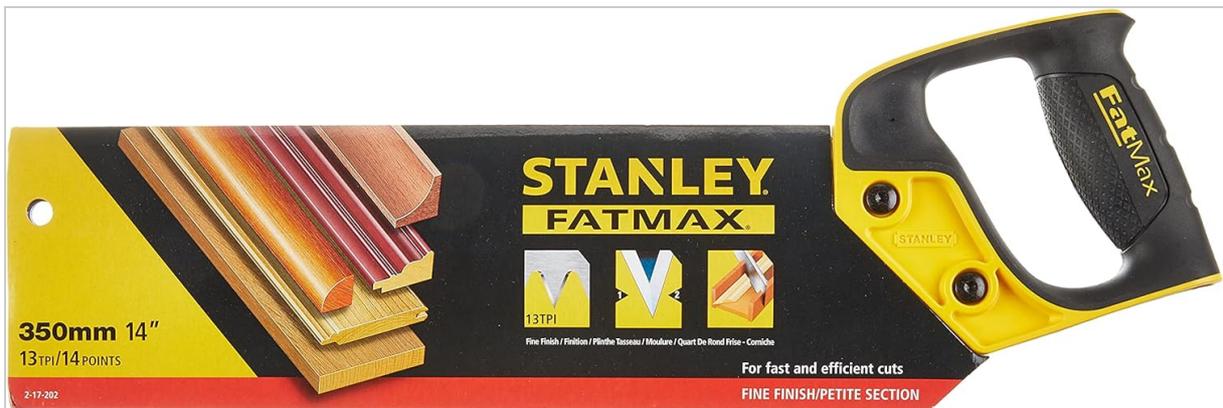


Figure 2: Packaging of the Stanley FatMax 2-17-202 Grinding Saw, illustrating its intended use for fine finishing cuts on various materials.

4. Setup

The Stanley FatMax 2-17-202 Grinding Saw requires no assembly. It is ready for use directly out of the packaging.

1. **Unpack:** Carefully remove the saw from its packaging.
2. **Inspect:** Visually inspect the blade, handle, and reinforced back for any signs of damage that may have occurred during shipping. If any damage is found, do not use the saw and contact customer support.
3. **Remove Blade Guard:** Remove any protective blade guard before use.

5. Operating Instructions

Follow these steps for effective and safe operation of your grinding saw:

1. **Grip:** Hold the saw firmly with one hand on the bi-material handle. Ensure your grip is comfortable and secure.
2. **Positioning:** Place the workpiece on a stable surface and secure it with clamps if necessary. Mark your cutting line clearly.
3. **Starting the Cut:** Position the blade on the waste side of your marked line. Use a light, controlled push stroke to start a shallow groove. You can use your thumb as a guide for the initial stroke, keeping it clear of the blade path.

4. **Sawing Technique:** Once the groove is established, use long, even strokes. Apply pressure on the push stroke and relieve pressure on the pull stroke. Allow the saw's teeth to do the work; do not force the saw.
5. **Maintaining a Straight Cut:** Keep your eye on the cutting line. The reinforced back of the saw helps maintain a straight cut, especially in miter box applications.
6. **Finishing the Cut:** As you approach the end of the cut, support the waste piece to prevent it from breaking off prematurely and splintering the workpiece. Reduce pressure and slow down your strokes.

This saw is suitable for cutting various materials including wood, plywood, plastic, and PVC, making it ideal for detailed finishing tasks.

6. Maintenance

Proper maintenance ensures the longevity and performance of your saw.

- **Cleaning:** After each use, wipe the blade clean of sawdust and debris using a dry cloth. For stubborn resin or sap, use a specialized saw blade cleaner.
- **Rust Prevention:** Apply a thin coat of rust-preventative oil to the blade if the saw will be stored for an extended period or in a humid environment.
- **Storage:** Store the saw in a dry place, ideally with a blade guard to protect the teeth and prevent accidental injury.
- **Blade Sharpening:** The HARDPOINT teeth treatment on this saw means the teeth are induction hardened and cannot be resharpened. When the blade becomes dull, the saw should be replaced.

7. Troubleshooting

Most issues with hand saws can be resolved with proper technique and maintenance.

Problem	Possible Cause	Solution
Saw binds or sticks in the cut	Forcing the saw; workpiece not secured; blade dirty.	Use lighter, more controlled strokes; secure workpiece firmly; clean blade.
Rough or splintered cuts	Dull blade; incorrect sawing angle; lack of support for workpiece.	Replace saw if blade is dull (teeth are not resharpenable); ensure correct sawing angle; support workpiece adequately.
Difficulty starting a cut	Incorrect starting technique; blade not positioned correctly.	Use a light, controlled push stroke to establish a groove; ensure blade is on the waste side of the line.

8. Specifications

Specification	Detail
Brand	STANLEY
Model Number	2-17-202

Specification	Detail
Blade Length	360mm (14 inches)
Teeth Per Inch (TPI)	13 TPI (Universal Tooth)
Blade Thickness	0.86mm
Blade Material	High Carbon Steel with HARDPOINT teeth treatment
Handle Material	Bi-material (Mixed: hard plastic and rubber)
Item Weight	0.49 Kilograms (1.08 pounds)
Compliance	CE Certified
UPC	637262230410
Date First Available	May 3, 2012

9. Warranty and Support

The Stanley FatMax 2-17-202 Grinding Saw comes with a Limited Warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your purchase or visit the official Stanley website.

For technical assistance, replacement parts, or any other inquiries, please contact Stanley customer support through their official channels. You can often find contact information on the product packaging or the Stanley website.