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› MilleLoom 2200W Electric Bone Saw Instruction Manual

## MilleLoom LLT-PHO\_15D5I17JAEfU

# MilleLoom 2200W Electric Bone Saw Instruction Manual

Model: LLT-PHO\_15D5I17JAEfU (YF-300A)

## INTRODUCTION

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This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your MilleLoom 2200W Electric Bone Saw. Designed for commercial use, this powerful machine is capable of cutting various types of meat and bone with precision. Please read this manual thoroughly before operating the saw to ensure proper usage and to prevent injury or damage.



Figure 1: MilleLoom 2200W Electric Bone Saw with various meat cuts and saw blades.

## SAFETY INSTRUCTIONS

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Operating the MilleLoom Electric Bone Saw requires strict adherence to safety protocols to prevent serious injury. Always prioritize safety.

- **Read the Manual:** Before any operation, thoroughly read and understand all instructions and warnings in this manual.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including cut-resistant gloves, safety glasses, and a protective apron.
- **Stable Surface:** Ensure the saw is placed on a stable, level, and non-slip surface capable of supporting its weight and the weight of the material being cut.
- **Power Connection:** Connect the saw to a grounded electrical outlet with the correct voltage (AC110-120V /

60Hz). Do not use extension cords unless absolutely necessary and ensure they are rated for the saw's power requirements.

- **Keep Hands Clear:** Never place hands near the saw blade during operation. Always use the provided push protection rod and stainless steel push plate to guide meat.
- **Emergency Stop:** Familiarize yourself with the location and operation of the emergency stop button.
- **Unplug When Not in Use:** Disconnect the power supply before cleaning, maintenance, or when the machine is not in use.
- **Supervision:** Do not allow untrained personnel to operate the saw.
- **Cleanliness:** Keep the work area clean and free of debris to prevent accidents.

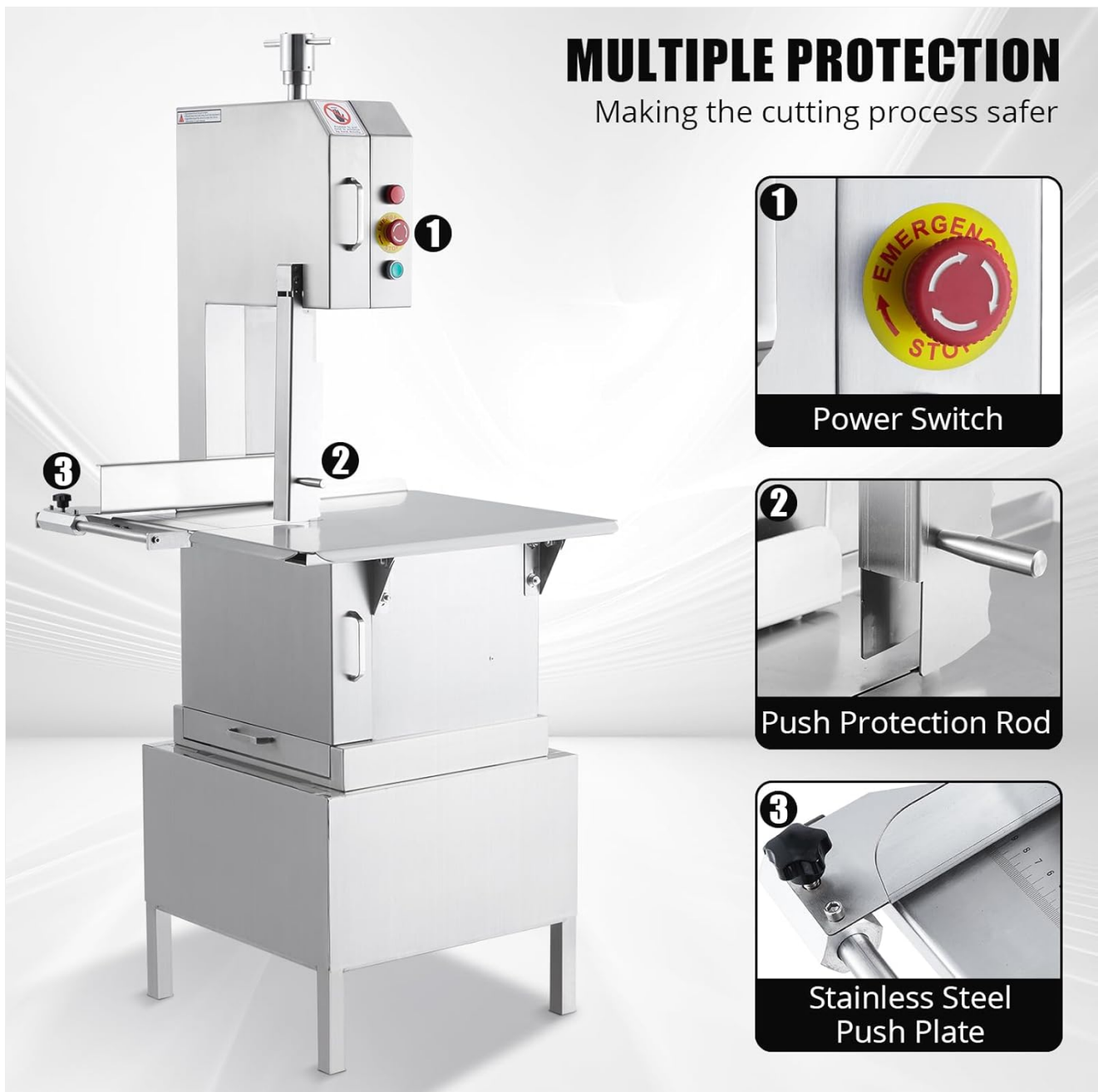


Figure 2: Key safety features including the Power Switch, Push Protection Rod, and Stainless Steel Push Plate.

## PRODUCT OVERVIEW AND COMPONENTS

The MilleLoom 2200W Electric Bone Saw is engineered for high-performance meat and bone cutting. Understanding its components is crucial for effective and safe operation.

- **Powerful 2200W Motor:** Ensures efficient cutting of frozen meat and bone.
- **Stainless Steel Workbench:** A durable 20.5" x 24.4" work surface designed for commercial use.
- **Adjustable Cutting Thickness:** Allows for precise cuts up to 8.7 inches (220mm).
- **Precision Scale Lines:** Integrated scales for accurate thickness adjustments.
- **Push Protection Rod:** A safety feature to keep hands away from the blade during operation.
- **Stainless Steel Push Plate:** Assists in guiding material safely.
- **Safety Cover:** Protects internal components and prevents water ingress.
- **Saw Belt Pressure Tensioner:** For adjusting saw blade tightness.
- **Belt Wheel:** Drives the saw blade rotation.
- **Thickness Adjustment Plate:** Mechanism for setting cutting thickness.

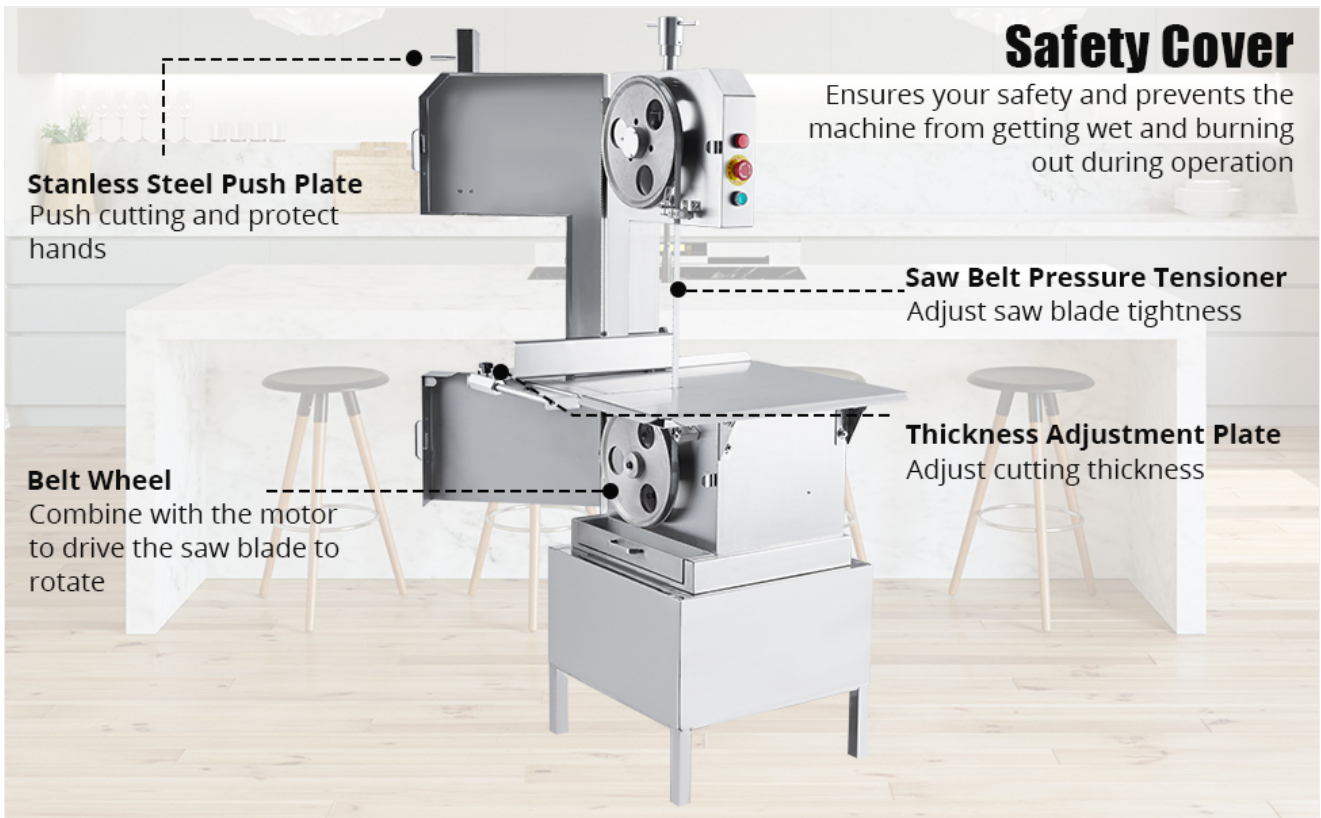


Figure 3: Diagram illustrating key components such as the Safety Cover, Saw Belt Pressure Tensioner, Belt Wheel, Stainless Steel Push Plate, and Thickness Adjustment Plate.

# 2200W PURE COPPER MOTOR

Cut bones in seconds with no effort

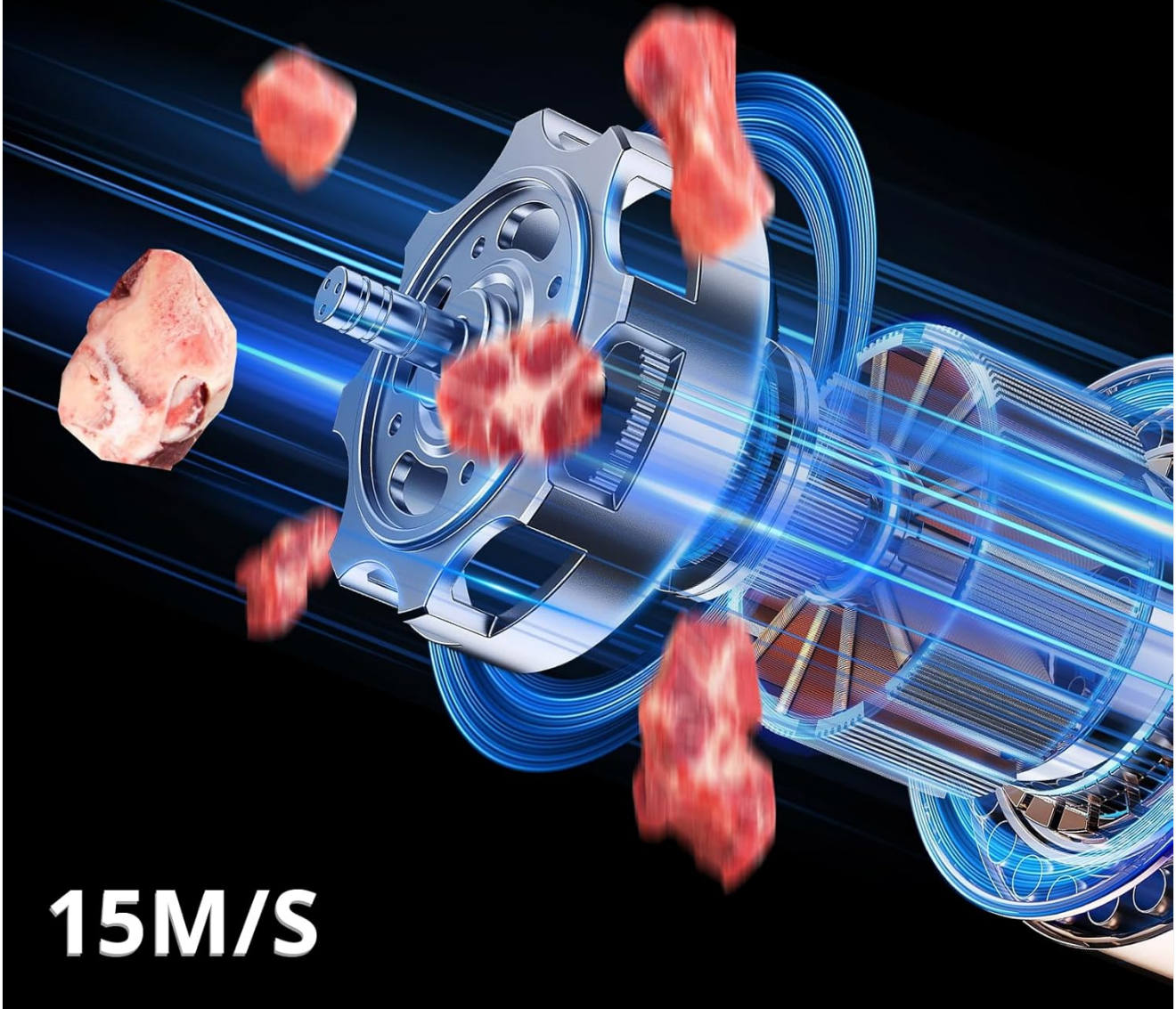


Figure 4: Illustration of the powerful 2200W pure copper motor, designed for efficient bone cutting.

## SETUP

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Proper setup ensures optimal performance and safety.

1. **Unpacking:** Carefully remove the bone saw from its packaging. Inspect for any shipping damage.
2. **Placement:** Position the saw on a sturdy, level surface. Ensure adequate space around the machine for safe operation and material handling.
3. **Blade Installation/Tension Adjustment:**
  - Open the side door of the saw.
  - Install the saw blade if not already installed, ensuring the teeth are oriented correctly.
  - Adjust the tension of the saw blade using the Saw Belt Pressure Tensioner until it is taut but not overly stressed. Refer to the diagram in Figure 3 for component location.
  - Close and secure the side door.
4. **Power Connection:** Plug the saw into a compatible grounded electrical outlet (AC110-120V / 60Hz).

5. **Initial Cleaning:** Before first use, clean all food-contact surfaces with a food-safe sanitizer.

## Easy Operation with Multiple Protection

Making the work process safer



Figure 5: Step-by-step guide for initial setup, including adjusting blade tension and setting cutting thickness.

## OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your bone saw.

1. **Prepare Material:** Ensure the meat or bone to be cut is clean and free of foreign objects. For best results, frozen meat should be partially thawed to prevent excessive strain on the blade.
2. **Adjust Cutting Thickness:**
  - Use the Thickness Adjustment Plate to set the desired cutting thickness.
  - Refer to the precision scale lines on the workbench for accurate measurements. The saw can cut thicknesses from 0.16 inches (4mm) to 8.7 inches (220mm).
  - Secure the adjustment plate firmly once the desired thickness is set.
3. **Power On:** Press the green power button to start the saw. The blade will begin to move.
4. **Position Material:** Carefully place the meat or bone on the stainless steel workbench, aligning it against the thickness adjustment plate.
5. **Cutting:** Using the push protection rod and stainless steel push plate, gently and steadily guide the material towards the rotating saw blade. Apply even pressure. **Never use your hands to push the material directly.**
6. **Collect Cut Material:** Allow the cut pieces to fall into a suitable container placed beneath the cutting area.
7. **Power Off:** Once cutting is complete, press the red stop button or the emergency stop button to turn off the saw. Wait for the blade to come to a complete stop before performing any other actions.

# SELF-ADJUSTING SCALE WITH PRECISION

More uniform cutting with no errors



Figure 6: Demonstrates the use of precision scale lines for accurate thickness adjustment and the push protection rod for safe material handling.

# Workbench with Precise Scales

Provide you more ample operating space



Figure 7: Overhead view of the workbench highlighting the precise scale lines and the push protection rod in use.

# COMMERCIAL BONE CUTTING MACHING

Easily cut all kinds of frozen meat and bones



Figure 8: Examples of various types of meat and bone that can be cut with the machine, including ribs, venison, beef, pork, and frozen fish.

## MAINTENANCE

Regular maintenance is essential for the longevity and safe operation of your MilleLoom Electric Bone Saw.

- **Daily Cleaning:**

- **Always unplug the machine before cleaning.**
- Remove all meat scraps and bone fragments from the workbench and internal components.
- Wipe down all surfaces, especially food-contact areas, with a mild detergent and warm water. Rinse thoroughly and sanitize with a food-safe sanitizer.
- The aluminum body and stainless steel worktable are designed for easy cleaning and are rust-proof.
- Ensure all parts are completely dry before re-connecting power or storing.

- **Blade Inspection and Replacement:**

- Regularly inspect the saw blade for sharpness, damage, or wear. A dull blade can lead to inefficient cutting and increased risk of injury.

- Replace dull or damaged blades promptly. The product includes 6 carbon steel saw blades.
- Refer to the "Setup" section for instructions on adjusting blade tension after replacement.
- **Lubrication:** Periodically check and lubricate moving parts as recommended by the manufacturer (if applicable, general advice).
- **Electrical Cord Inspection:** Inspect the power cord for any signs of damage, fraying, or cuts. Replace immediately if damaged.

## ALUMINUM BODY & STAINLESS STEEL WORKTABLE

Washable for easy cleaning



Rust-proof

Easy to Clean

Figure 9: The aluminum body and stainless steel worktable are designed for easy cleaning and are rust-proof, as shown with water being sprayed on the machine.

## TROUBLESHOOTING

This section addresses common issues you might encounter. For problems not listed here, please contact customer support.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Saw does not start	No power supply; Emergency stop engaged; Power switch off.	Check power cord connection and outlet; Disengage emergency stop; Turn on power switch.
Inefficient cutting / Blade stalls	Dull blade; Incorrect blade tension; Material too hard/thick; Overloading the motor.	Replace blade; Adjust blade tension; Ensure material is suitable for cutting; Reduce cutting speed/pressure.
Excessive vibration or noise	Loose components; Incorrect blade tension; Damaged blade.	Check all fasteners; Adjust blade tension; Inspect and replace blade if damaged.
Inaccurate cuts	Thickness adjustment plate not secured; Material not guided properly.	Ensure adjustment plate is locked; Use push protection rod for consistent guidance.

## SPECIFICATIONS

Detailed technical specifications for the MilleLoom 2200W Electric Bone Saw.

<b>Model</b>	LLT-PHO_15D5I17JAEfU (YF-300A)
<b>Brand</b>	MilleLoom
<b>Wattage</b>	2200W
<b>Voltage</b>	AC110-120V / 60Hz
<b>Cutting Thickness</b>	4-220mm (0.16-8.7 inches)
<b>Cutting Height</b>	320mm (12.6 inches)
<b>Cutting Efficiency (H)</b>	3307 lbs / 1500 Kg
<b>Sawing Speed</b>	15m/s
<b>Main Material</b>	Aluminum Alloy + Stainless Steel
<b>Product Dimensions (L x W x H)</b>	28.9"L x 50.6"W x 27.2"H (Approx. 73.4cm L x 128.5cm W x 69.1cm H)
<b>Item Weight</b>	224.4 Pounds (101.8 Kg)
<b>Included Components</b>	6 x Imported Carbon Steel Saw Blade

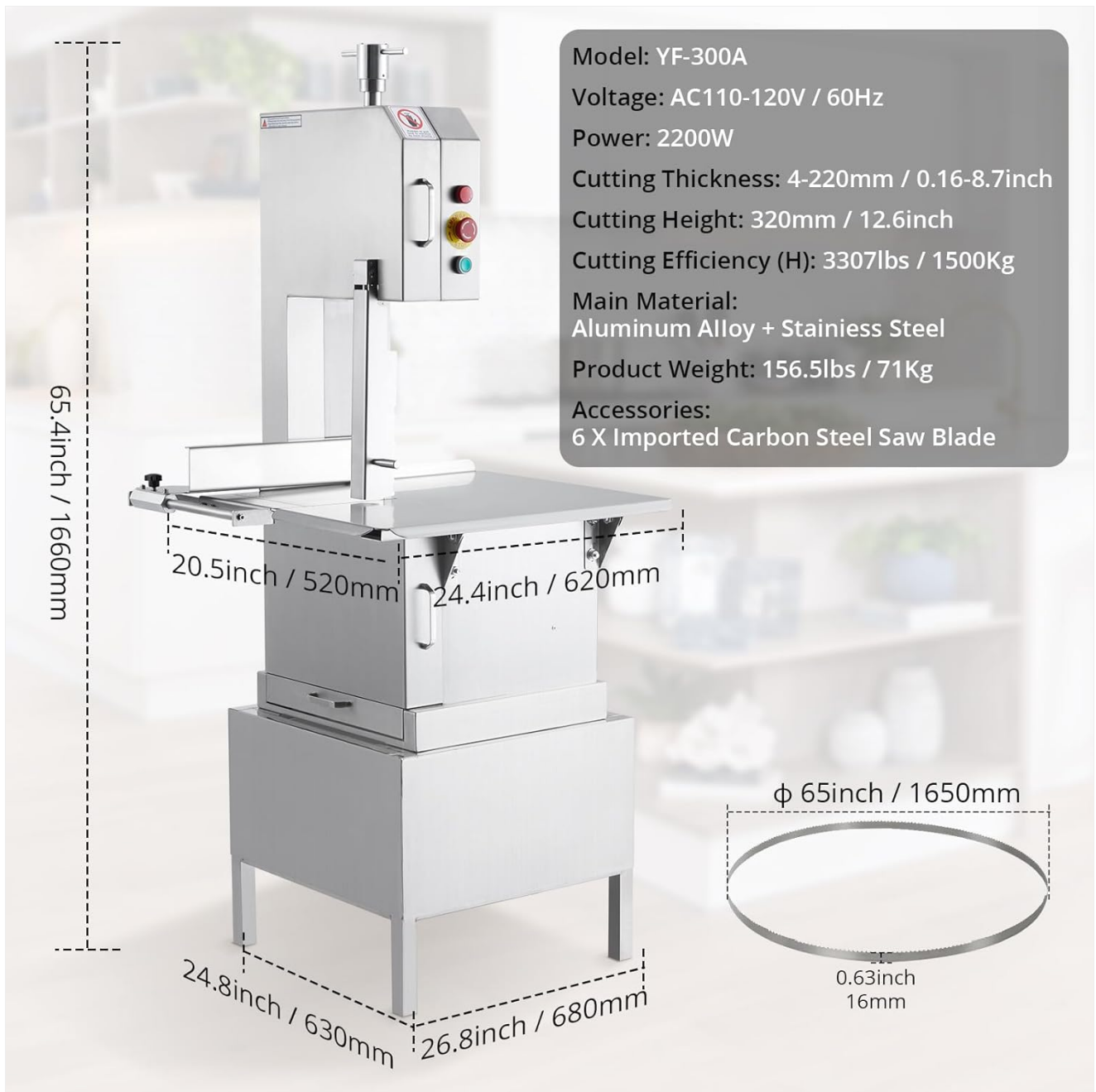


Figure 10: Detailed product dimensions and key specifications, including cutting thickness and height.

## Product Specification

**Model:** YF-300A

**Voltage:** 110V / 60Hz

**Power:** 2200W

**Cutting Thickness:** 4-220mm / 0.16-8.7inch

**Cutting Height:** 320m / 12.6inch

**Cutting Efficiency (H):** 2205lbs / 1000Kg

**Main Material:** Aluminum AlIIOY +  
Stainless Steel

**Product Weight:** 156.5lbs / 71Kg

**Accessories:** 6 x Imported Carbon Steel  
Saw Blade

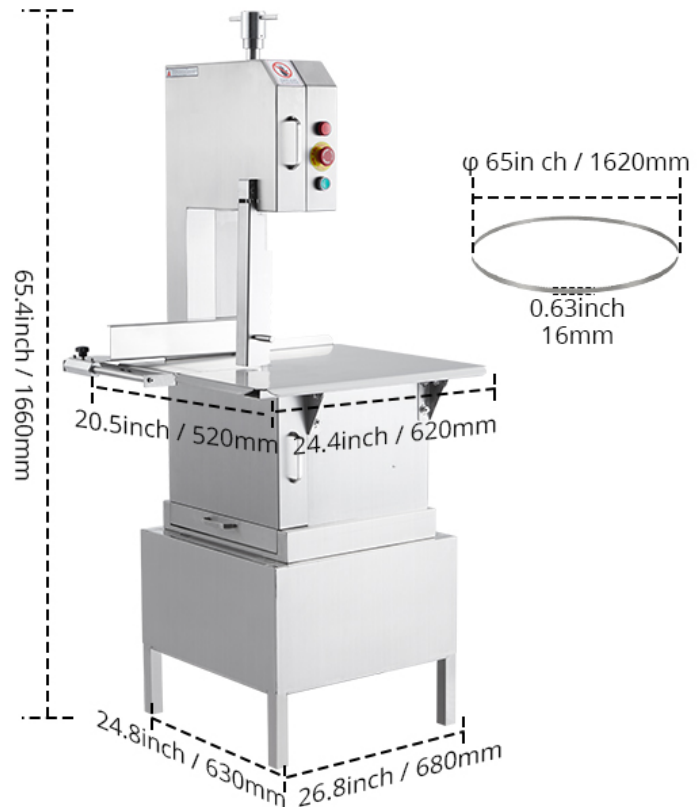


Figure 11: Another view of product specifications and dimensions, confirming model YF-300A and included blades.

## WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical assistance, parts, or service inquiries, please contact MilleLoom customer support. Contact details are typically available on the product packaging or the official MilleLoom website.

The product is eligible for 30-day easy returns through Amazon. Protection plans are also available for purchase separately.