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› IMAYCC 2100W Electric Handheld Mixer User Manual - Model Mixers-01

IMAYCC Mixers-01

IMAYCC 2100W Electric Handheld Mixer User Manual

Model: Mixers-01

1. INTRODUCTION

Thank you for choosing the IMAYCC 2100W Electric Handheld Mixer. This powerful tool is designed for efficiently mixing various medium-viscosity materials, including mortar, glue, plaster, cement, paint, resin, printing ink, and forage. Please read this manual thoroughly before operation to ensure safe and effective use of the product. Keep this manual for future reference.

Nice Handheld Mixer for Home Improvement Projects

IMAYCC



Figure 1: IMAYCC Electric Handheld Mixer in operation, demonstrating its use for home improvement projects.

2. SAFETY INSTRUCTIONS

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and personal injury.

- **Read All Instructions:** Familiarize yourself with the controls and proper use of the mixer.
- **Wear Personal Protective Equipment (PPE):** Always wear safety glasses, gloves, and a dust mask when operating the mixer, especially when mixing dusty materials.
- **Secure Workpiece:** Ensure the mixing container is stable and secure to prevent spills or accidents during operation.
- **Electrical Safety:**
 - Ensure the power supply matches the mixer's voltage (110V/60Hz).
 - Do not operate the mixer in wet conditions or expose it to rain.
 - Inspect the power cord for damage before each use. Do not use if damaged.
 - Always unplug the mixer before changing accessories, cleaning, or performing maintenance.
- **Overheat Protection:** The mixer features an automatic overheat shutdown system. If the machine overheats, it will

turn off to prevent damage. Allow it to cool down before resuming operation.

- **Material Compatibility:** This mixer is suitable for medium-viscosity materials. **Do not use it for highly viscous concrete with considerable aggregate (rock)**, as this can damage the motor.
- **Keep Clear:** Keep hands, loose clothing, and long hair away from the rotating mixing paddle.
- **Children and Bystanders:** Keep children and bystanders at a safe distance from the operating area.

3. PRODUCT COMPONENTS AND FEATURES

Familiarize yourself with the parts of your IMAYCC Electric Handheld Mixer.

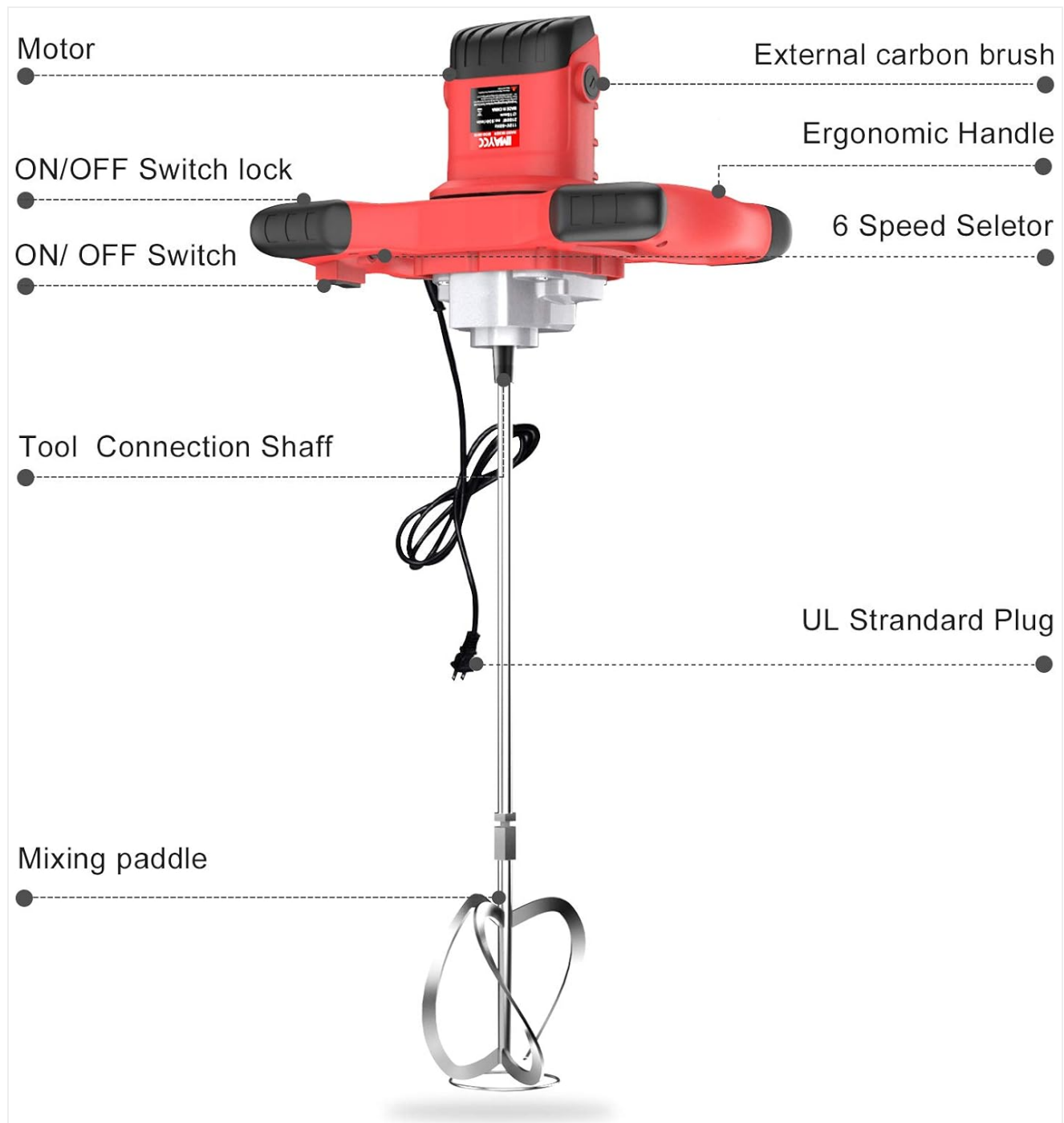


Figure 2: Labeled diagram showing the main components of the mixer, including the motor, external carbon brush, ergonomic handles, ON/OFF switch, switch lock, 6-speed selector, tool connection shaft, UL standard plug, and mixing paddle.

- **2100W Powerful Motor:** Provides robust performance for efficient mixing.
- **6-Speed Adjustment:** Allows precise control over mixing speed (270-930 RPM) to suit different material viscosities.

- **Ergonomic Dual Handles:** Designed for comfortable, anti-slip grip and stable operation, reducing user fatigue.
- **Self-Locking Switch:** Enables continuous operation without holding the trigger, enhancing convenience.
- **M14 Quick-Thread Interface:** Facilitates easy and secure attachment/detachment of the mixing paddle.
- **Efficient Heat Dissipation:** Porous air outlet design ensures rapid cooling and extends tool lifespan.
- **External Carbon Brush Holder:** Allows for quick and easy replacement of carbon brushes, simplifying maintenance.

2100W POWERFUL MOTOR

MAX 920 RPM
FAST MIXING

2X Heat
Dissipation

50%
Sturdy



Figure 3: Illustration highlighting the 2100W powerful motor, emphasizing fast mixing and efficient heat dissipation.

ELECTRIC MIXER FEATURES

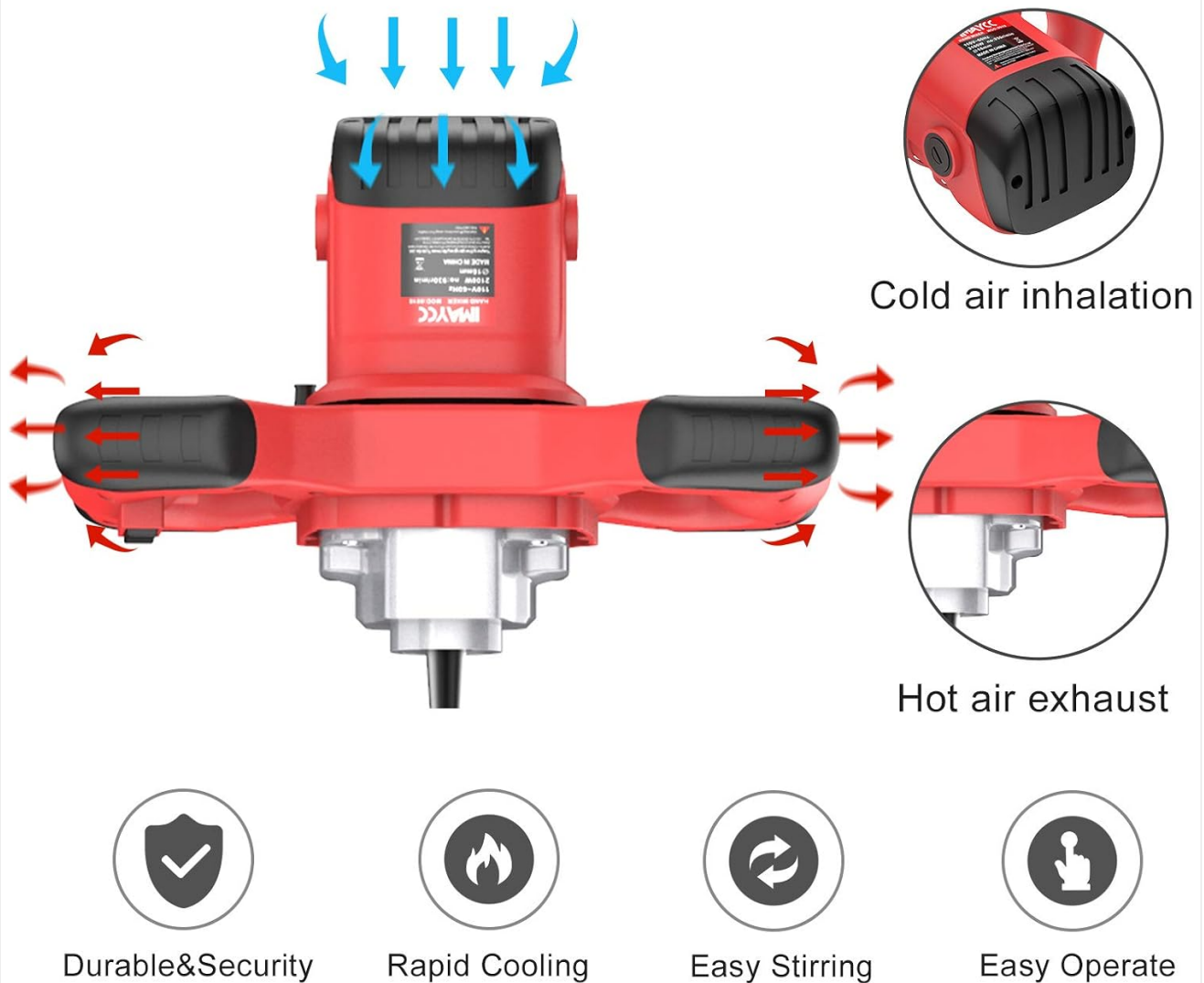


Figure 4: Diagram illustrating the cold air intake and hot air exhaust for effective cooling, contributing to durability and security.

4. SETUP

Before operating the mixer, ensure proper assembly and preparation.

1. **Unpack:** Carefully remove all components from the packaging. Verify that all parts listed in the "Product Specification" section are present.
2. **Attach Mixing Paddle:**
 - Align the M14 threaded end of the mixing paddle with the tool connection shaft on the mixer.
 - Rotate the paddle clockwise to securely fasten it. Ensure it is tightened firmly to prevent detachment during operation.
3. **Power Connection:** Plug the mixer's power cord into a standard 110V/60Hz electrical outlet. Ensure the outlet is properly grounded.
4. **Material Preparation:** Place the material to be mixed into a suitable, sturdy container. Ensure the container is large enough to prevent splashing and is stable during mixing.

PRODUCT SPECIFICATION



Figure 5: Diagram showing the mixer's dimensions and included accessories, such as the mixing paddle and wrenches for assembly.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective mixing.

1. **Select Speed:** Use the 6-speed selector to choose the appropriate speed for your material.
 - o Lower speeds (e.g., Level 1-2) are suitable for lighter materials like fodder or paint.
 - o Medium speeds (e.g., Level 3-4) are for materials like glue or mince.
 - o Higher speeds (e.g., Level 5-6) are for thicker materials such as putty, mortar, or cement.
2. **Position Mixer:** Lower the mixing paddle into the material, ensuring it is fully submerged before starting the motor.
3. **Start Mixing:** Press the ON/OFF switch to start the mixer. For continuous operation, engage the self-locking switch.
4. **Mix Thoroughly:** Move the mixer slowly through the material to ensure even and thorough mixing. Avoid lifting the paddle out of the material while it is running to prevent splashing.
5. **Stop Mixing:** Once mixing is complete, release the ON/OFF switch (or disengage the self-locking switch) and wait for the paddle to stop rotating completely before removing it from the material.
6. **Clean Up:** Immediately clean the mixing paddle and any splashed areas after use to prevent material from hardening.

6 SPEED ADJUSTMENT



Figure 6: Visual guide for selecting the appropriate speed level based on the material being mixed, from fodder to cement.

Highly Efficient Mixing



Figure 7: Demonstrates highly efficient mixing in a construction setting.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your mixer.

- **Cleaning:** After each use, unplug the mixer and clean the mixing paddle immediately. Use water and a brush to remove any residue before it hardens. Wipe the main body of the mixer with a damp cloth. Do not immerse the mixer in water.
- **Carbon Brush Replacement:** The external carbon brush holders allow for easy replacement. If the motor performance decreases or sparks are visible, it may be time to replace the carbon brushes.
 - Unplug the mixer.
 - Locate the external carbon brush caps on the motor housing.
 - Unscrew the caps and carefully remove the old carbon brushes.
 - Insert new carbon brushes, ensuring they are seated correctly.
 - Screw the caps back on firmly.
- **Storage:** Store the mixer in a clean, dry place, out of reach of children.

- **Inspection:** Periodically inspect the power cord, plug, and mixing paddle for any signs of wear or damage. Replace damaged parts immediately.

7. TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Mixer does not start.	No power supply; damaged power cord/plug; faulty switch; worn carbon brushes.	Check power connection and outlet. Inspect power cord. If issues persist, check carbon brushes or consult a qualified technician.
Mixer stops during operation.	Overheat protection activated; material too viscous; power interruption.	Allow mixer to cool down. Reduce material load or use a lower viscosity material. Check power supply.
Reduced mixing efficiency or excessive sparking.	Worn carbon brushes.	Replace carbon brushes as described in the Maintenance section.
Mixing paddle detaches.	Paddle not securely tightened.	Ensure the M14 quick-thread interface is firmly tightened before operation.

If you encounter problems not listed here or if the suggested solutions do not resolve the issue, please contact customer support.

8. SPECIFICATIONS

Detailed technical specifications for the IMAYCC Electric Handheld Mixer.

Model Number	Mixers-01
Brand	IMAYCC
Power	2100 Watts
Voltage/Frequency	110 V / 60 Hz
Rated Speed	270-930 RPM (6-speed adjustable)
Stirring Rod Length	60 cm (approx. 23.6 inches)
Mixing Head Type	S-type double paddle
Thread Interface Size	M14
Power Cord Length	1.5 m (approx. 4.9 feet)
Material	Steel
Power Type	AC

9. WARRANTY AND SUPPORT

The availability of spare parts for this product is 1 year from the date of purchase. For warranty claims, technical support, or inquiries regarding spare parts, please contact your retailer or the manufacturer directly. Please retain your proof of purchase for warranty purposes.