Tecmix TMX Pro 1250

Tecmix TMX Pro 1250 Electric Hand Mixer Instruction Manual

Model: 17500
Brand: Tecmix

1. Introduction

Thank you for choosing the Tecmix TMX Pro 1250 Electric Hand Mixer. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new mixer. Please read these instructions carefully before use and keep them for future reference.

2. Safety Instructions

Always observe basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This mixer is designed for mixing viscous and thick materials such as paint, mortar, plaster, and adhesives.

General Safety

- **Read all instructions:** Familiarize yourself with the controls and proper use of the tool.
- **Wear appropriate personal protective equipment (PPE):** Always wear safety glasses, hearing protection, and suitable gloves. A dust mask is recommended when mixing dusty materials.
- **Keep work area clean and well-lit:** Cluttered or dark areas invite accidents.
- **Do not operate in explosive atmospheres:** Do not use the mixer in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away:** Distractions can cause you to lose control.

Electrical Safety

- **Power supply:** Ensure the mixer is connected to a 230V power supply as specified.
- **Avoid body contact with earthed or grounded surfaces:** Such as pipes, radiators, ranges, and refrigerators.

There is an increased risk of electric shock if your body is earthed or grounded.

- **Do not abuse the cord:** Never use the cord for carrying, pulling, or unplugging the power tool. Keep cord away from heat, oil, sharp edges, or moving parts.
- **Use an RCD (Residual Current Device):** The use of an RCD provides greater protection against electric shock.

Personal Safety

- **Stay alert:** Watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol, or medication.
- **Secure the workpiece:** Always ensure the mixing bucket or container is stable and secure to prevent it from tipping over during operation.
- **Hold the tool firmly:** The mixer can generate significant torque. Maintain a firm grip on both handles.

3. Package Contents

Please check the package contents upon receipt to ensure all items are present and undamaged:

- Tecmix TMX Pro 1250 Electric Hand Mixer Unit
- Helical Paddle Mixer (Ø 120 mm)
- Instruction Manual

4. Setup

Before operating the mixer, proper assembly is crucial for safety and performance.

Attaching the Mixing Paddle

1. Ensure the mixer is unplugged from the power source.
2. Align the threaded end of the helical paddle mixer with the spindle on the mixer unit.
3. Screw the paddle onto the spindle clockwise until it is securely tightened. Use a wrench if necessary to ensure a firm connection.





Figure 1: Close-up view of the secure attachment of the mixing paddle to the mixer spindle.





Figure 2: The Tecmix TMX Pro 1250 Electric Hand Mixer fully assembled with the helical paddle mixer.

5. Operating Instructions

Follow these steps for safe and effective mixing.

Preparation

- Ensure your mixing container is clean, stable, and large enough to prevent splashing.
- Add the material to be mixed into the container according to the manufacturer's instructions for the material.
- Plug the mixer into a suitable 230V power outlet.

Mixing Procedure

1. Hold the mixer firmly with both hands using the rounded, anti-slip handles.
2. Submerge the mixing paddle into the material before starting the mixer to prevent splashing.
3. Press the power switch to start the mixer. The TMX Pro 1250 features a single speed setting (0-800 rpm).
4. Move the mixer slowly through the material, ensuring all parts are thoroughly mixed. Avoid lifting the paddle out of the material while it is rotating.
5. Continue mixing until the desired consistency is achieved.
6. Once mixing is complete, switch off the mixer and wait for the paddle to stop rotating completely before removing it from the material.



Figure 3: Proper technique for operating the mixer, with the paddle fully submerged in the material.



Figure 4: Demonstrating the mixer in use, highlighting the ergonomic handle design for comfortable operation.

6. Maintenance and Cleaning

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

Cleaning

- **Always unplug the mixer before cleaning.**
- Immediately after use, clean the mixing paddle to prevent material from hardening on it. This can be done by rotating the paddle in a bucket of water or by scraping off residue.

- Wipe the main unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure no water enters the motor housing or electrical components.

Storage

- Store the mixer in a dry, clean place, out of reach of children.
- Protect the power cord from damage during storage.

Inspection

- Periodically inspect the power cord for any signs of damage. If damaged, have it replaced by a qualified technician.
- Check the mixing paddle for wear or damage. Replace if necessary.

7. Troubleshooting

If you encounter issues with your Tecmix TMX Pro 1250 mixer, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Mixer does not start	No power supply Damaged power cord/plug Internal fault	Check power outlet and connections Inspect cord for damage; replace if necessary by a qualified technician Contact customer support
Poor mixing results	Incorrect paddle for material Insufficient mixing time Material too thick/viscous	Ensure paddle is suitable for the material type Increase mixing duration Adjust material consistency if possible (e.g., add liquid as per material manufacturer's instructions)
Excessive vibration/noise	Loose mixing paddle Damaged paddle Internal component issue	Tighten paddle securely Replace damaged paddle Contact customer support

If the problem persists after attempting these solutions, please contact Tecmix customer support.

8. Specifications

Detailed technical specifications for the Tecmix TMX Pro 1250 Electric Hand Mixer:

Feature	Specification
Brand	Tecmix
Model Number	17500
Power	1220 Watts

Feature	Specification
Voltage	230 Volts
Number of Speeds	1
Rotation Speed	0 - 800 rpm
Mixing Volume	Up to 80 liters
Mixing Paddle Diameter	120 mm (helical type)
Item Weight	1 Kilogram
Product Dimensions (L x W x H)	58 x 25.5 x 23.5 cm
Color	Red

9. Warranty and Support

Tecmix products are manufactured to high-quality standards. For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical support, spare parts, or service inquiries, please contact Tecmix customer service through their official channels.

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