Tecmix 17510

Tecmix TMX Pro 1600 Electric Hand Mixer User Manual

Model: 17510

1. Introduction

Thank you for choosing the Tecmix TMX Pro 1600 Electric Hand Mixer. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your new mixer. Please read this manual thoroughly before first use and keep it for future reference.
The Tecmix TMX Pro series features a modern design with control elements integrated into the rounded handle, ensuring comfortable and safe operation thanks to its anti-slip properties. This powerful 1600W mixer is designed for mixing various materials, offering excellent value and performance.

2. Safety Instructions

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. 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.
- **Personal Safety:** Always wear eye protection. Use personal protective equipment such as dust masks, non-skid safety shoes, hard hats, or hearing protection when appropriate. Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the plug from the power source before making any adjustments, changing accessories, or storing power tools.
- **Specific Mixer Safety:** Ensure the mixing paddle is securely attached before operation. Always hold the mixer firmly with both hands during operation. Do not immerse the motor unit in water. Avoid mixing highly flammable or explosive materials.

3. Product Overview and Components

The Tecmix TMX Pro 1600 Electric Hand Mixer consists of the main motor unit with integrated controls and a detachable mixing paddle.



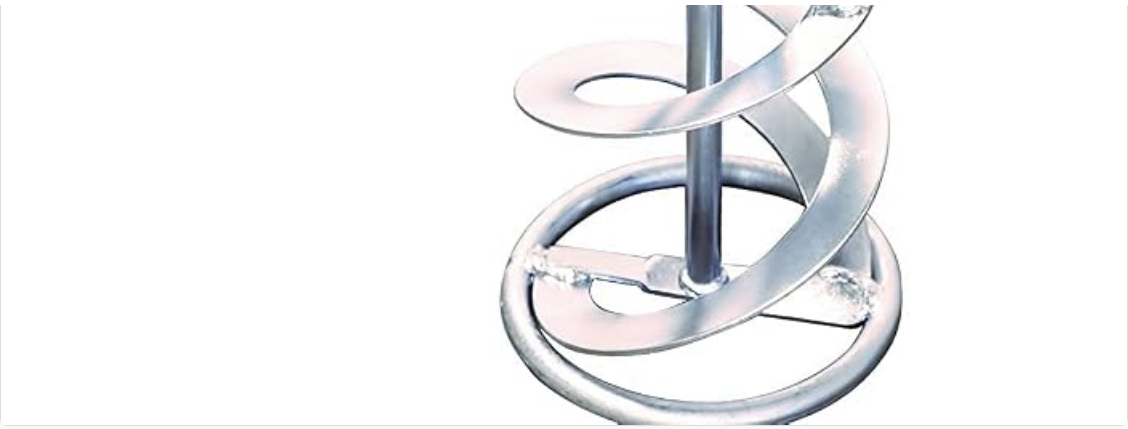


Figure 3.1: Overview of the Tecmix TMX Pro 1600 Electric Hand Mixer with its helical paddle attachment.

Key Components:

- **Motor Unit:** Houses the 1600W motor and speed control mechanism.
- **Handle with Integrated Controls:** Ergonomically designed with anti-slip features for secure grip and easy access to power switch and speed selector.
- **Mixing Paddle Connection:** Secure point for attaching the mixing paddle.
- **Helical Propeller Mixer (Paddle):** Specifically designed for thick and viscous materials, included with the unit (ø 160 mm).

4. Setup and Assembly

The Tecmix TMX Pro 1600 requires minimal assembly before first use. Ensure the power cord is unplugged from the outlet before assembly.

1. **Attach the Mixing Paddle:** Align the threaded end of the helical propeller mixer with the connection point on the motor unit.
2. **Secure the Paddle:** Rotate the paddle clockwise until it is firmly tightened. Ensure it is securely fastened to prevent detachment during operation.





Figure 4.1: Close-up view of the secure threaded connection for the mixing paddle.

Your mixer is now ready for operation. Always ensure the paddle is correctly and securely attached before plugging in the unit.

5. Operating Instructions

Follow these steps for safe and effective operation of your Tecmix TMX Pro 1600 Electric Hand Mixer.

1. **Prepare the Material:** Place the material to be mixed in a suitable, sturdy mixing container. The mixer is designed for volumes up to 200 liters.

2. **Plug In:** Connect the mixer's power cord to a grounded 230V electrical outlet.
3. **Grip the Mixer:** Hold the mixer firmly with both hands using the ergonomic handles.
4. **Immerse Paddle:** Lower the mixing paddle into the material before starting the mixer to prevent splashing.
5. **Start Mixing:** Turn on the mixer using the power switch on the handle.
6. **Select Speed:** The mixer features 2 speeds.
    - Speed 1: 180 - 460 rpm (for initial mixing or thicker materials)
    - Speed 2: 300 - 750 rpm (for finer mixing or less viscous materials)

    Adjust the speed according to the material's consistency and desired mixing result.
7. **Mix Thoroughly:** Move the mixer slowly through the material, ensuring all parts are thoroughly mixed.
8. **Stop Mixing:** Turn off the mixer before lifting the paddle out of the material.
9. **Unplug:** Always unplug the mixer from the power outlet after use.



Figure 5.1: Proper technique for operating the mixer in a mixing bucket.



Figure 5.2: Demonstrating the mixer in use for various materials.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Tecmix TMX Pro 1600 mixer.

- **Cleaning:** After each use, unplug the mixer and clean the mixing paddle and the lower part of the motor unit. Remove any residual material before it dries. Use a damp cloth for the motor unit; do not use harsh chemicals or immerse the motor in water.
- **Storage:** Store the mixer in a dry, clean place, out of reach of children. Disconnect the mixing paddle for compact storage if desired.

- **Inspection:** Periodically inspect the power cord for any damage. Check the mixing paddle for wear or bending. If any damage is found, do not use the mixer and contact qualified service personnel.

7. Troubleshooting

This section addresses common issues you might encounter with your mixer.

Problem	Possible Cause	Solution
Mixer does not start.	No power supply; power switch off; faulty outlet.	Check if the mixer is properly plugged in. Ensure the power switch is ON. Test the outlet with another device.
Paddle not rotating smoothly or making unusual noise.	Paddle not securely attached; material buildup; damaged paddle.	Unplug the mixer and check if the paddle is securely tightened. Clean any dried material from the paddle and shaft. Inspect the paddle for damage; replace if necessary.
Overheating during operation.	Continuous heavy load; blocked ventilation.	Allow the mixer to cool down. Reduce the load or mix in shorter intervals. Ensure ventilation slots are clear of debris.

If the problem persists after attempting these solutions, please contact qualified service personnel.

8. Specifications

Feature	Detail
Brand	Tecmix
Model Number	17510
Color	Red
Power	1600 Watts
Voltage	230 Volts
Number of Speeds	2
Rotation Speed	180 - 460 rpm (Speed 1) / 300 - 750 rpm (Speed 2)
Max Mixing Volume	Up to 200 liters
Included Paddle Diameter	160 mm
Item Weight	5.1 Kilograms
Product Dimensions (L x W x H)	58 x 25.5 x 23.5 cm
Assembly Required	Yes

9. Warranty and Support

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. Regarding spare parts availability, information is currently unavailable.

For technical support or service inquiries, please contact Tecmix customer service or your local authorized service center.

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