

VONROC PM502AC

VONROC 1800W Paint/Cement Mixer PM502AC User Manual

Model: PM502AC

1. INTRODUCTION

Thank you for choosing the VONROC 1800W Paint/Cement Mixer. This powerful tool is designed for efficient mixing of various materials, from light liquids like paint and lacquer to heavier substances such as cement, mortar, adhesive, and plaster. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance and longevity of your mixer.

2. GENERAL SAFETY INSTRUCTIONS

Always read and understand all safety warnings and instructions before operating this power tool. Failure to follow the warnings and instructions 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 appropriate personal protective equipment (PPE) including safety glasses, hearing protection, and gloves. Dress properly; do not wear loose clothing or jewelry. Keep hair and clothing away from moving parts.
- **Power 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. Store idle power tools out of the reach of children.
- **Specific Mixer Safety:** Ensure the agitator is securely fastened before operation. Always immerse the agitator in the material before starting the mixer to prevent splashing. Use both hands to maintain control of the mixer during operation.

3. PRODUCT OVERVIEW

The VONROC PM502AC mixer is engineered for durability and ease of use, featuring a robust 1800W motor and ergonomic design.



Image 3.1: The VONROC 1800W Paint/Cement Mixer in operation.

This image displays the main unit of the VONROC 1800W Paint/Cement Mixer, showing its green and black housing, dual ergonomic handles, and the attached mixing paddle submerged in a grey material, indicating its use for mixing. The design emphasizes stability and control during operation.

Key Features:

- **1800W Powerful Motor:** Delivers optimal results even with heavy materials.
- **Two Speed Settings:** Allows selection of the optimal power and speed combination for various materials.
- **Soft Start Function:** Prevents jerky starts and reduces material splashing.
- **Constant Speed Electronics:** Maintains consistent motor speed under load.
- **Overload Protection:** Enhances durability and reliability for long-term safe operation.
- **Ergonomic Handles:** Wide and comfortable handles provide optimal grip and control.
- **3-meter Rubber Cable:** Provides ample freedom of movement during use.



Image 3.2: Key features of the VONROC 1800W Paint/Cement Mixer.

This diagram highlights the main features of the VONROC mixer: an 1800W motor for optimal results, soft start to prevent splashing, overload protection for durability, and two speed settings for versatility with various materials.

4. SETUP AND ASSEMBLY

Before first use, ensure all components are present and undamaged. The mixer typically comes with the main unit and a detachable agitator paddle.

1. **Unpacking:** Carefully remove all contents from the packaging. Retain packaging for future storage or transport.
2. **Attaching the Agitator:** Align the threaded end of the agitator shaft with the mixer's spindle. Rotate the agitator clockwise until it is securely tightened. Use the provided wrench if necessary to ensure a firm connection.
3. **Power Connection:** Ensure the mixer's power switch is in the 'OFF' position. Plug the 3-meter power cable into a suitable grounded electrical outlet (230 Volts).

5. OPERATING INSTRUCTIONS

The VONROC mixer is designed for efficient mixing of various materials. Always prepare your materials and work area before starting.

Material Preparation:

- Ensure the mixing container is stable and large enough to prevent overflow during mixing.
- Add the material to be mixed according to its specific instructions.

Speed Adjustment:

The mixer features two mechanical speed settings and electronic variable speed control to match the material's consistency and type.

PAS DE SNELHEID AAN JOUW BEHOEFTE AAN

Je kunt de snelheid aanpassen, afhankelijk van het materiaaltipe en de consistentie – kies tussen



Stand 1: 180 - 400 tpm



Stand 2: 300 - 700 tpm



Image 5.1: Adjusting speed settings based on material.

This image illustrates the two available speed settings for the mixer. Speed 1 operates between 180-400 RPM, suitable for lighter materials, while Speed 2 operates between 300-700 RPM, ideal for heavier or thicker mixtures. Users can adjust the speed based on the material type and desired consistency.

- **Speed 1 (180 - 400 rpm):** Recommended for lighter, less viscous materials such as paint, lacquer, or thin plaster.
- **Speed 2 (300 - 700 rpm):** Suitable for heavier, more viscous materials like cement, mortar, thick adhesives, or wallpaper paste.
- Use the electronic variable speed control dial to fine-tune the RPM within the selected mechanical speed range.

Mixing Procedure:

1. Select the appropriate speed setting for your material.
2. Hold the mixer firmly with both hands using the ergonomic handles.
3. Immerse the agitator paddle fully into the material before switching on the mixer.
4. Press the power switch to start the mixer. The soft start function will ensure a smooth ramp-up.

5. Slowly move the agitator through the material, ensuring thorough mixing from the bottom up and around the sides of the container.
6. Continue mixing until the desired consistency is achieved and no lumps remain.
7. Before removing the agitator from the material, switch off the mixer and allow the paddle to stop rotating completely.



Image 5.2: Versatility for various mixing tasks.

This image demonstrates the mixer's versatility, showing its application for mixing paint and lacquers, filler and plasterwork, cement mortar, and various adhesives and pastes. The 2-stage motor makes it suitable for a wide range of materials.



NOOIT MEER KLONTEN IN JOUW MENGSEL

Het perfecte mengsel is de basis voor een goede klus.
Voortaan meng jij zonder stukjes, restjes of klonten.

Image 5.3: Achieving lump-free mixtures.

This image shows a person using the VONROC mixer to thoroughly mix cement in a large bucket, emphasizing the tool's ability to create a perfect, lump-free mixture, which is crucial for quality work.

6. MAINTENANCE AND CARE

Regular maintenance ensures the longevity and safe operation of your VONROC mixer.

- **Cleaning:** After each use, disconnect the mixer from the power supply. Clean the agitator paddle immediately after use to prevent material from hardening on it. Use water and a brush for water-based materials, or appropriate solvents for oil-based materials. Wipe the main unit with a damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the mixer in a dry, secure place, out of reach of children. Ensure the power cord is neatly coiled and not kinked.
- **Inspection:** Periodically inspect the power cord for any damage. Check the agitator for wear or bending. If any damage is found, do not use the tool and contact customer support for repair or replacement.

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; Overload protection activated.	Check power connection; Ensure switch is ON; Allow mixer to cool down, then restart.
Motor runs but agitator does not turn.	Agitator not properly attached; Agitator jammed.	Securely fasten agitator; Disconnect power, clear any obstruction.
Excessive splashing during mixing.	Agitator not fully immersed; Speed too high for material.	Ensure agitator is fully immersed before starting; Reduce speed setting.
Mixer overheats.	Continuous heavy load; Blocked ventilation.	Reduce load or take breaks; Ensure ventilation slots are clear.

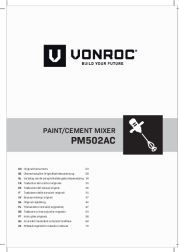
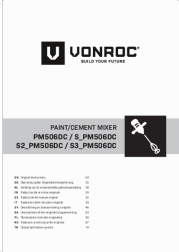
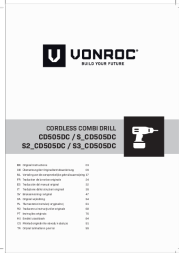
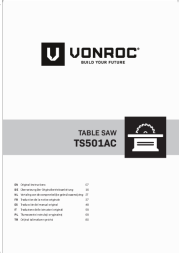

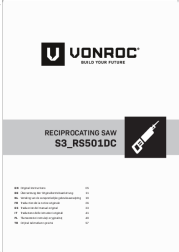
8. TECHNICAL SPECIFICATIONS

Refer to the following specifications for your VONROC PM502AC mixer:

- **Model Number:** PM502AC
- **Manufacturer:** VONROC
- **Power:** 1800 Watts
- **Voltage:** 230 Volts
- **Speed 1:** 180 - 400 rpm
- **Speed 2:** 300 - 700 rpm
- **Agitator Diameter:** 140 mm
- **Agitator Tool Length:** 600 mm
- **Product Dimensions (L x W x H):** 24 x 32 x 40 cm
- **Weight:** 6.26 Kilograms
- **Cable Length:** 3 meters

9. WARRANTY AND SUPPORT

VONROC products are manufactured to high-quality standards. For warranty information, product support, or to inquire about spare parts, please refer to the documentation included with your purchase or visit the official VONROC website. Keep your proof of purchase for any warranty claims.

	<p>VONROC PM502AC Paint/Cement Mixer User Manual</p> <p>User manual for the VONROC PM502AC Paint/Cement Mixer, providing safety instructions, technical specifications, operation guidance, and maintenance information.</p>
	<p>VONROC Paint/Cement Mixer PM506DC Series User Manual</p> <p>Comprehensive user manual for the VONROC Paint/Cement Mixer series (PM506DC, S_PM506DC, S2_PM506DC, S3_PM506DC). Includes safety instructions, operation guides, assembly, maintenance, and technical specifications.</p>
	<p>VONROC Cordless Combi Drill CD505DC User Manual & Safety Instructions</p> <p>Comprehensive user manual and safety instructions for the VONROC Cordless Combi Drill models CD505DC, S_CD505DC, S2_CD505DC, and S3_CD505DC. Learn about operation, maintenance, and safety guidelines.</p>
	<p>Vonroc TS501AC Table Saw: Original Instructions and Safety Guide</p> <p>Comprehensive guide to the Vonroc TS501AC Table Saw, including original instructions, safety warnings, technical specifications, and assembly details. Learn how to safely operate and maintain your table saw for optimal performance.</p>
	<p>VONROC Mini Chain Saw CS506DC Series User Manual</p> <p>Comprehensive user manual for the VONROC Mini Chain Saw CS506DC, S_CS506DC, S2_CS506DC, and S3_CS506DC models. Includes safety instructions, operation guide, assembly, maintenance, and technical specifications.</p>
	<p>VONROC S3_RS501DC Reciprocating Saw User Manual & Safety Instructions</p> <p>Comprehensive user manual and safety instructions for the VONROC S3_RS501DC Reciprocating Saw, detailing operation, maintenance, and safety precautions for effective and safe use.</p>

