

MENEGOTTI TECHNICAL MANUAL

ELECTRIC MIXER MEL 1200



Attention:

Before operating the **Menegotti** equipment, read this **technical manual**, it will inform and instruct the operator about the operation of the product. This way, you avoid possible work accidents and premature equipment maintenance.

MENEGOTTI
CONSTRUCTION MACHINERY

Congratulations, on purchasing a Menegotti product!

With the highest quality, designed and built especially to serve you with technology to suit your needs.

This manual was written to provide you with the information and instructions necessary for the use and maintenance of our equipment, as well as to present you with data relating to its technical characteristics.

Before you put your equipment into operation for the first time, carefully read the information contained herein.

The durability of your equipment depends only on the way it is treated during service (operation) and its satisfactory performance is the result of your careful work, carried out regularly.

Menegotti is prepared to offer you all the necessary technical assistance, as well as to meet your needs for spare parts.

Welcome, you are now a part of the great Menegotti "client family".

MENEGOTTI After Sales and
Technical Assistance departments.

Caution: For best convenience, keep this manual in a appropriate place where it can be consulted when necessary.

Index

The Company.....	03
The Product	03
Safety Informations.....	03
Technical Specifications.....	04
Main Components.....	05
Equipment Operation.....	05
Equipment Maintenance.....	06
Equipment Cleaning	06
Environmental Protection.....	06
Product Warranty.....	07
Warranty Term.....	07

The Company

Reference in civil construction, present in more than 40 countries and national leader in concrete mixer sales, Menegotti Metallurgical Ltda., offers innovative products that result in greater profitability for the business of its clients. A genuinely Brazilian company, based in Jaraguá do Sul, SC, Brazil, develops, produces, markets and distributes a range of products, from Mixer lines, Soil Compaction, Load Handling, Lifting, Concrete Technology, Coatings and Finishing, Building Site and Tools, which assists its clients in each stage of the work.



The Product

The Electric mixer Menegotti with the power of 1200W (127V/60Hz e 220V/60Hz single phase) performs 660 revolutions per minute and is indicated for operation in which it is necessary to mix, dissolve, stir or homogenize any type of liquid solution, with or without solids (plaster, mortar, waterproof materials, paint, glue, grout, waterproofing), enabling speed control according to the service to be performed.

• **With the aim of constantly improving their equipment, Menegotti reserves the right to change the features of the product without notice. If any information in this manual is not consistent with the physical product, consider the current product and the manual for reference only.**

Safety Informations

NOTE: Anyone performing any operation on this equipment must read this manual and the safety guidelines.



- Keep work area Safety, clean and well lit.
- Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.
- Keep children and bystanders away while operating a power tool.
- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.
- Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.
- Do not expose power tools to rain or wet conditions.
- 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.
- When operating a power tool outdoors, use an extension cord suitable for outdoor use.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.

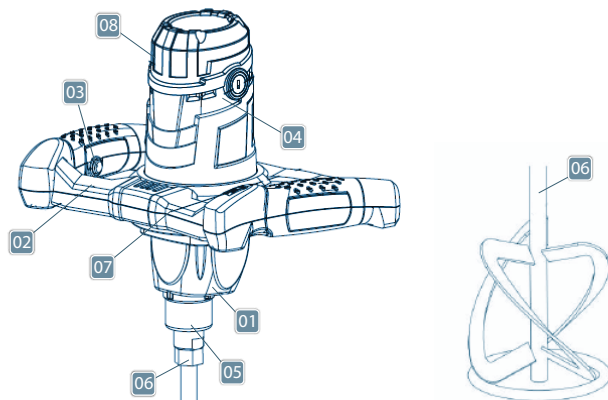
- Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.
- Use personal protective equipment. Such as eye protection, dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.
- Remove any adjusting key or wrench before turning the power tool on.
- If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.
- Do not overreach. Keep proper footing and balance at all times.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.
- If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.
- Do not force the power tool. Use the correct power tool for your application.
- Do not use the power tool if the switch does not turn it on and off.
- Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.
- Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.
- O operador pode realizar somente as manutenções e operações que estão descritas neste manual. Demais intervenções deverão ser executadas por profissionais qualificados para este propósito.
- Keep cutting tools sharp and clean.
- Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.
- Do not let the cable touch any parts of your body.

- Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.
- Have your power tool serviced by a qualified repair person using only identical replacement parts.
- **Attention:** You must abide by the following basic safety measures against electrical shocks, injuries and the danger of fire when using electric tools. Read and abide by these instructions before you start to use any tools. These instructions must be kept in a safe place. You will also find other safety instructions in the accompanying booklets. The equipment must never be used in surroundings where an explosive atmosphere exists.
- Only use the extension cable approved for use in the working area.
- The unit must only be started and stopped when it is inside a mixing vessel. Ensure that the mixing vessel is placed on a solid, secure base.
- Never reach into the mixing vessel with your hands or any other object during the mixing process.

Technical Specifications

TECHNICAL DATA	ELECTRIC MIXER MEL 1200
Power Input	1200W
Voltage	127V/60Hz - 220V/60Hz
Protection/ Class of Protection	Double Insulation/2
Packing Dimensions LxWxH	410x300x205
No-Load-Speed	0 - 650 RPM
Thread for fixing the Tool	M14
Mixing Paddle (Ø max.)	120 mm
LPA (sound pressure)	86 dB(A) k=3dB(A)
LWA (sound power)	97 dB(A) k=3dB(A)
Vibration value	8.9 m/s² k=1,5 m/s²(A)
Weight	5.3kg

Main Components



NO.	COMPONENT
1	Gear box
2	Switch trigger
3	Lock button
4	Ventilation slits
5	Mixer holder M14
6	Mixing paddle
7	Variable speed dial
8	Brush holder

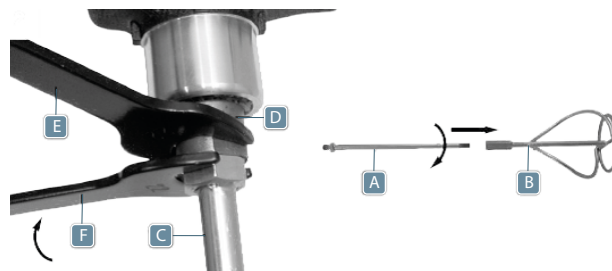
Equipment Operation

Before Initial Operation

- Check if the rated frequency of the mains supply corresponds to the details of the type plate.
- Before using the tool, read the instruction book carefully.
- Never mix in solvents or substances containing solvent that have flash points below 21°C.

- The unit must only be started and stopped when it is inside a mixing vessel. Ensure that the mixing vessel is placed on a solid, secure base.
- Do not let the cable touch any parts of your body.
- Never reach into the mixing vessel with your hands or any other object during the mixing process.

Equipment assembly



- First screw mixer part (A) together with mixer part (B). Screw the mixer (C) into the mixer holder (D) afterwards. Use the two spanners to do this. Use one of the spanners (E) to hold the mixer holder (D) in place and then use the second spanner (F) to tighten up the mixer (C). Proceed in the reverse sequence to undo the mixer.

The paddle's shape could be different and not necessary the same as above picture shows.

Switching on

- 1) Press the switch trigger.
- 2) Continuous running: Once the trigger is in the "ON" position, push the locking knob (3) to lock it in place, this will hold the trigger (2) in the "ON" position without the use of your hand.

Switching off

1) Press and release the switch trigger.

Speed control

Always reduce the speed when placing the mixing paddle into to the mixing material, and also when removing it.

Once the mixing paddle is completely clear of the mixing material, increase the speed again to ensure that the motor is adequately cooled.

Working With the Paint and Mortar Mixer

IMPORTANT: The mains plug must be disconnected before the mixing tool is changed.

The unit should be run at low speed before it is immersed in or removed from the mixture. The speed should only be increased to maximum after it has been fully immersed in the mixture, in order to ensure that motor is kept as cool as possible. The machine must be moved around inside the mixing vessel during the mixing process. Continue the mixing process until all of the mixing components have been processed.

IMPORTANT: Always clean the mixer after you have finished using it.

Equipment Maintenance

IMPORTANT: Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

Your power tool requires no additional lubrication or maintenance. Always store your power tool in a dry place.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. If a fault can not be rectified, return the mixer to an authorized dealer for repair.

Equipment Cleaning

- Keep the safety devices, ventilation slots and Motor housing as free of dirt and dust as possible. Clean the unit by rubbing it with a clean cloth or blow it clean using low-pressure compressed air.
- We recommend that you always clean the unit immediately after using it.
- Clean the unit regularly by rubbing it with a damp cloth and a little soft soap. Do not use cleaners or solvents; these will attack the plastic parts in the unit. You must also ensure that water cannot get into the inside of the unit.

Environmental Protection

Electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

Product Warranty

The warranty is not transferable under the conditions and within the prescribed period and will be valid from the date of purchase of the equipment, through presentation of the sales invoice to the first end consumer. At the time of delivery of the equipment, the customer must receive the information and technical guidelines for the equipment as per the content of this manual.

Therefore, defects caused by mistreatment, carelessness, negligence, recklessness or malpractice, are not covered by this warranty, nor are any repairs or alterations of any part and/or piece of equipment. Also not covered is any assembly of the parts by any party other than the factory itself or Technical Assistant, application outside the specification, mechanical or electrical overloads or phase failure, use in an environment for which it was not designed, incorrect voltages of frequencies, incorrect lubrication, damage caused by accidents of any kind, such as floods, strong winds, fires, landslides or resulting from transportation.

The removal or alteration of the serial numbers originally placed on the product void the warranty, which must be presented on the sales invoice and the Warranty Certificate for the equipment in question.

The warranty assumed is limited to the repair, spare parts or parts assembly of the set of parts, in which the review is conducted by an Authorized Menegotti Technical Assistant and authorized in advance by the Factory, to double check the existence of the manufacturing defect. This repair or exchange will be made by an Authorized Technical Assistant, with the buyer bearing the risks or costs of transportation to and from the Technical Assistant, with the labor and replaced parts being free, under the terms of this warranty.

This supersedes any other warranty, express or implied as well as any and all liability or responsibility of our company concerning the above product.

MENEGOTTI After Sales and Technical Assistance departments.

Warranty Term

By the present CERTIFICATE provided from original purchaser, Menegotti guarantees this product against manufacturing defects, for a period of 6 (six) months, being: the first 3 (three) months of legal guarantee, and the last 3 (three) months a special warranty guaranteed by Menegotti, counted from the invoice issue date of the first end consumer. The components of daily use such as: bearings, clutch disc, gears, tires, brake shoes, etc. are not included in the warranty.

This warranty includes spare parts and repair against manufacturing defects duly verified by the factory or Authorized Technical Assistance. The warranty for this product will be void if it suffers damage caused by accidents, natural events, application outside the specification, or in the case of alterations or repairs by a person or workshop not authorized by Menegotti. The product freight charges, including the technical assistant or factory, are borne by the consumer. Menegotti has a wide network of Technical Assistants throughout the country.

If the equipment is purchased with the electric engine warranty covers defects arising from the internal engine manufacture. Not covered by warranty defects of: broken or crushed shell due to carelessness in transporting/or storage, energization of the motor coupling or out specification defects, general misuse and /or incorrect installation, overcharging due to lack or excess of phase and use of voltage out of the specification.

Aware of this term,

Customer: _____
Model: _____ Serial Number: _____
City: _____ Date: _____

Customer Menegotti Authorized Service



www.menegotticonstrucao.com

Menegotti Indústrias Metalúrgicas Ltda.

Rua: Erwino Menegotti, 381 | 89.254 000 | Jaraguá do Sul | SC | Brasil

CNPJ: 84.431.154/0001-28

Tel: +55 47 3275 8000

Fax: +55 47 3275 8001

0800 727 8033