

MENEGOTTI TECHNICAL MANUAL

POWER MIXER

MEL 1200 V4

40860116 - Power Mixer MEL1200 V4 Single-Phase Motor 127V 60HZ 1200W

40860117 - Power Mixer MEL1200 V4 Single-Phase Motor 220V 60HZ 1200W

MEL 1600

40860122 - Power Mixer MEL1600 Single-Phase Motor 220V 60HZ 1600W

40860123 - Power Mixer MEL1600 Single-Phase Motor 127V 60HZ 1600W

MEL 1800

40860124 - Power Mixer MEL1800 Single-Phase Motor 220V 60HZ 1800W

40860125 - Power Mixer MEL1800 Single-Phase Motor 127V 60HZ 1800W

QR-Code:



Point your mobile phone camera to access the updated online version of **Technical Manuals** and **Parts Catalogs**, or click on the link below to access the website.

www.sites.google.com/view/menegotti-engenharia-docs

Attention:

Before operate **Menegotti** equipment, read this **Technical Manual**, itself will inform and instruct the operator about the operation.

By the way, you avoid possible working accidents and early maintenance on at the equipment.



MENEGOTTI[®]
CONSTRUCTION

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.

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Menegotti Group

Menegotti is reference in the development of solutions in machines and tools for the Construction machinery, Handling and Lawn | Garden Segments.

A Brazilian company, present in more than 40 countries, has its headquarters in Jaraguá do Sul, Santa Catarina, units in Brazil and in the United States.

With more than 80th years of history, it is in the fourth generation of consistent and successful family management. National leader in sales of concrete and cement mixers, it stands out in the resale and rental market.

Through its Innovation Program, it fosters creativity and competitiveness, with disruptive actions and partnerships, aimed at continuous professional and business growth.

With an organizational culture that values and encourages its constant professional and personal development, Menegotti is active in sustainable projects, which make its purpose of contribute “to build a better and more sustainable world”, a reality.



The Product

The Power Mixers from Menegotti come in 1200W, 1600W and 1800W models. They are ideal for operations in which it is necessary to mix, dissolve, agitate or homogenize any type of liquid solution, with or without the presence of solids (plaster, mortar, waterproofing materials, paint, glue, grout, waterproofing), making it possible to control the speed according to the job to be performed.

• **Menegotti reserves the right to make changes to the product without prior notice. If any information in this manual is not consistent with the physical product, consider the actual product and the manual as a reference only.**

Safety Informations

Obs.: Anyone carrying out any type of operation with this equipment must read this manual and the safety guidelines.



- Instructions on hazards are given in this manual and on the machine.
- Keep the work area free of obstacles and well lit. This can prevent accidents.
- This mixer is a power tool, do not operate in environments exposed to flammable gases or substances. The electric motor produces sparks which can cause gases to ignite.
- Keep children away while operating the equipment. Distractions can cause loss of control of the device and accidents.
- Any operation or maintenance on electrical parts must be carried out by a qualified professional.
- Make sure you have read and understood all the information contained in this manual.

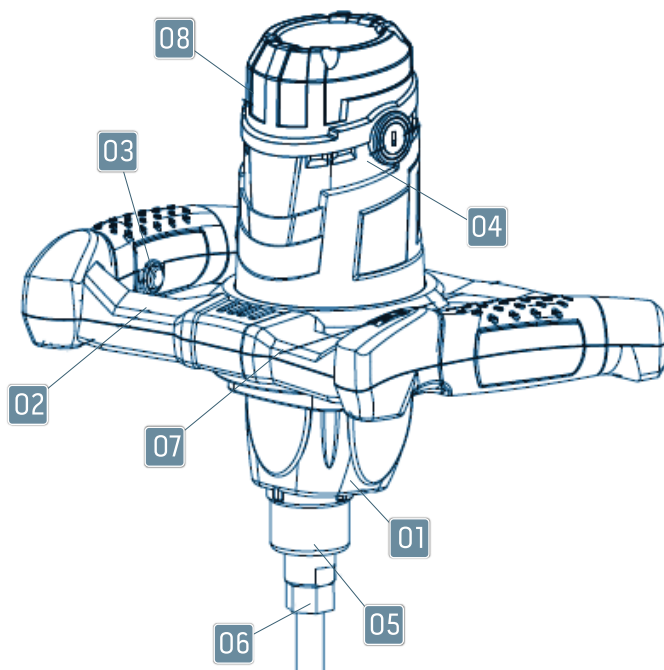
- Sockets must comply with current safety regulations, never change the socket that came with the equipment.
- Never use adapters on grounded power tools, this will reduce the risk of electric shock.
- Avoid body contact with grounded energy-conducting surfaces, there is a risk of electric shock when your body becomes a grounding conductor.
- Do not expose the electrical device to rain or humid environments, the ingress of water into the circuit increases the risk of electric shock.
- Never use the electric cable to charge the device, pull it out or pull it out of the socket. Keep the cable away from hot spots, sharp surfaces, etc.
- Broken or damaged cables and extension cords pose a greater risk of electric shock.
- When operating the device outdoors, use appropriate extension cords.
- If operating the device in damp environments is unavoidable, then install a residual current device (RCD) to prevent electric shock.
- Use suitable protective equipment, always wear safety goggles, ear protection, non-slip shoes and a dust mask.
- Ensure that the device is not accidentally triggered.
- Make sure that the power button is in the off position before plugging the device into the socket or transporting it.
- Remove any adjustment keys from the device before switching it on. A key left in the rotating part of the device could result in injury.
- Keep an appropriate distance from the equipment, this will ensure better control over it in unexpected situations.
- Wear suitable clothing while operating the equipment, avoiding loose clothing, jewelry or things that could catch on rotating parts of the device.
- It is strictly forbidden to make any modifications to the equipment. This will result in the loss of the warranty.
- The stickers on the machine must be preserved and legible.
- The operator may only carry out the maintenance and operations described in this manual. Other work must be carried out by qualified professionals.
- Do not force the device, use it only for the purpose for which it was designed, so that it performs correctly and does its job.
- Always use caution and common sense when operating the machine.
- Do not use the device if the on/off button is damaged.
- Unplug the device whenever adjustments or maintenance are required.
- Store the device in a safe place, out of the reach of children or people who are not familiar with its use.
- Carry out preventive maintenance, check for dents, misalignments or broken moving parts that could impair its operation. Many accidents are caused by lack of maintenance.
- Keep the blades sharp and clean, this ensures easier control of the device and makes them less susceptible to dents.



Technical Specifications

DESCRIPTION	MEL 1200 V4	MEL 1600	MEL 1800
Product code 127V - 220V	40860116 - 40860117	40860122 - 40860123	40860124 - 40860125
Power	1200W	1600W	1800W
Voltage/Frequency	127V/60Hz - 220V/60Hz	127V/60Hz - 220V/60Hz	127V/60Hz - 220V/60Hz
Insulation/Protection Class	Double Insulation/II	Double Insulation/II	Double Insulation/II
Package Dimensions LxWxH	360x270x220	380x280x233	390x320x250
Rotation without load	0 - 780 RPM	0 - 790 RPM	0 - 700 RPM
Mixing Paddle Coupling	M14	M14	Engate Rápido
Ø of Mixing Paddle	120 mm	140 mm	100 mm
Noise under pressure	85,4 dB(A) k=3dB (A)	85,4 dB(A) k=3dB (A)	87 dB(A) k=3dB (A)
Noise under maximum power	96,4 dB(A) k=3dB (A)	96,4 dB(A) k=3dB (A)	98 dB(A) k=3dB (A)
Vibration	2,27 m/s ² k=1,5 m/s ² (A)	2,27 m/s ² k=1,5 m/s ² (A)	5 m/s ² k=1,5 m/s ² (A)
Weight	4,0Kg	4,6Kg	5,3Kg

Main Components



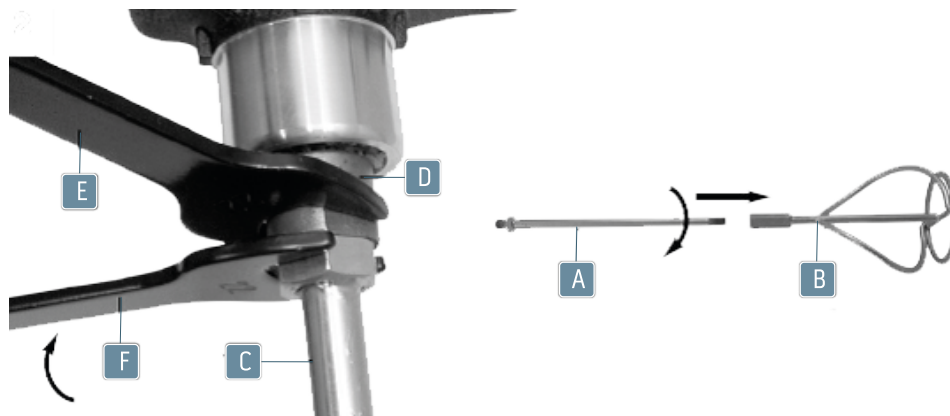
Pos.	Item
1	Reduction box
2	On/Off button
3	Button lock
4	Ventilation cowl
5	M14 mixer coupling
6	Mixing blade
7	Rotation adjustment knob
8	Brush holder

Operation

Before starting operation

- Check that the power supply matches the requirements on the device's nameplate (voltage and frequency).
- Before switching on, read the manual carefully.
- Never mix with solvents or substances with a flash point below 21°C.
- The device should only be operated when it is in the working position inside the container with the mixture and resting on a solid, secure base.
- Do not let the electric cable touch any part of your body.
- Never insert objects or your hands into the container with the mixture while the device is operating and switched on.

Mixer assembly



- First screw the rod (A) to the paddle (B). Then screw the mixer (C) into the casing (D). Use two wrenches to tighten (E and F). Proceed in reverse order to unscrew one part from the other.
- The blades may differ from those shown.

Model with two blades

To install the blades, observe the "L" (Left) and "R" (Right) markings on the equipment's blade socket and on the blade shafts, as shown opposite.



ATTENTION!

Be careful when installing the blades, the rods are marked "L" (Left) and "R" (Right).



Switching on the mixer

- 1) Before starting the machine, check that the speed potentiometer has the indicator in the start position.
- 2) To start the machine, press the lock button.
- 3) Once the lock button has been pressed, press the on/off button to the "on" position.
- 4) Keep it pressed so that it continues to work.

Switching off the mixer

- 1) Release the power button.

Rotation control

Use the rotation adjustment knob to select the desired rotation. Always reduce the speed when inserting the paddle into the container with the material and also when removing the paddles.

Once the paddle is completely free of the mixing material, increase the speed to cool the motor.



Mixing paint or putty

OBSERVATION: The device must be unplugged before replacing the blade.

The device must operate at low speed until it is completely inserted into the container and also during the removal process. Only once the blades are completely submerged should the speed be adjusted to the highest setting. The device must be moved around the material while it is working in order to achieve a homogeneous mixture.

OBSERVATION: Always clean the blades after use.

Maintenance

OBSERVATION: Always unplug the device when carrying out any work or maintenance.

Maintenance or repairs should only be carried out by qualified personnel and always use identical parts, this will ensure the safety and perfect functioning of the device.

Your device does not require lubrication or additional maintenance. If there is a fault with the power cable, it must be replaced by a qualified professional. If a problem cannot be solved, contact your nearest service center.

Cleaning the Power Mixer

- Keep the device as free from dust as possible, especially the motor's ventilation accesses. Clean using a cloth or compressed air at low pressure.
- We recommend that you always clean the machine immediately after use.
- Clean with a soft cloth and soap. Do not use solvents, as they are aggressive to plastic materials. Ensure that no water enters the drive unit.

Environmental Protection

Do not dispose of the machine in any garbage can, dispose of it in a suitable environment and contact the responsible body for proper disposal. Preserving the environment is very important.

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 Statement

By means of this CERTIFICATE provided by the original purchaser, Menegotti guarantees against manufacturing defects for a period of 6 (six) months from the date of issue of the invoice for the product to the first end consumer, with the first 3 (three) months being the legal guarantee and the last 3 (three) months being the special guarantee provided by Menegotti. Not included in the warranty are items supplied as a courtesy (case, hose, refrigeration kit with pump, cutting discs and blades, etc.) and components worn out by use, such as: bearings, steel cable, electrical plugs, gears, etc.).

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*

Menegotti GROUP

Solid values, **sustainable future.**

MENEGOTTI
HANDLING



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MENEGOTTI
CONSTRUCTION



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MENEGOTTI
HOUSE & GARDEN



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