

MANUAL TECHNICAL MANUAL

ELECTRIC WALL CUTTER MCE

40861288 - Wall Cutter MCE 2400W with Single-phase Motor 127V 60HZ

40861289 - Wall Cutter MCE 2400W with Single-phase Motor 220V 60HZ

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 MCE Menegotti Electric Wall Cutter has 5 parallel diamond cutting blades, which speed up the work of opening channels for the installation of conduits and pipes. You can also connect a vacuum cleaner to the nozzle of the equipment, for cleaner and more practical work. It comes with a complimentary refrigeration kit with pump and hose, case and 5 parallel diamond blades.

- **Menegotti reserves the right to make changes to products without prior notice. Illustrations may include optional equipment and accessories not included with all standard equipment. If any information in this manual is not consistent with the physical product, consider the manual as a reference only. For the most up-to-date information, visit: <https://sites.google.com/view/menegotti-engenharia-docs> or use the QR Code on the cover of this manual.**

Safety Informations



This equipment presents a risk of shocks, cuts and amputations if the safety recommendations are not observed. Pay attention to the warnings to avoid improper use and the possibility of personal injury or damage to the equipment.

Operational safety

For the safe operation of the equipment, the operator must be trained or qualified. Equipment operated improperly or by unauthorized persons can be dangerous. Training is the responsibility of the employer and must be provided by a qualified professional. Pay attention to the following warnings:



- * **NEVER** allow people unfamiliar with the machine or these instructions to operate the mower.
- * **ALWAYS** read, understand and follow the procedures in this instruction manual before attempting to operate the equipment.
- * **ALWAYS** ensure that the operator is familiar with the appropriate safety precautions and operating techniques before using the equipment.



- * **NEVER** operate the equipment in applications that are not designed for the use described in this manual.
- * **NEVER** modify or deactivate the operating and safety functions.
- * **NEVER** use accessories for the equipment that are not recommended by Menegotti. This may result in damage to the equipment and/or injury to the user.
- * We will **NOT** take responsibility for any accident due to modifications to the equipment, which will also result in the loss of the warranty.



- * **ALWAYS** contact Menegotti to request replacement of damaged parts or missing items by phone: +55 (47) 3275-8000.
- * **ALWAYS** carry out a daily inspection of the equipment parts with the machine switched off. In the event of problems, contact Menegotti Authorized Service immediately.
- * **ALWAYS** take breaks of at least 10 minutes after every hour of work to reduce the risk of accidents caused by fatigue.
- * **DO NOT** use the tool when you are tired, under the influence of drugs, alcohol or medication.



- * **ALWAYS** make sure that all persons are at a safe distance from the mower. Stop the equipment immediately if anyone enters the work area.
- * **ALWAYS** check for loose parts, such as bolts and nuts, before using the equipment.



- * **ALWAYS** wear personal protective equipment (PPE) when operating the mower. Wear safety glasses, a hard hat, ear protection, safety shoes and a dust mask during cutting operations.
- * **ALWAYS** keep hands, feet, loose clothing or accessories away from moving parts of the mower.



- * **ALWAYS** wait for the engine to cool down before carrying out any operation or maintenance on the equipment.



- * **ALWAYS** keep the work area clean, tidy and well lit to reduce the risk of accidents.
- * **DO NOT** operate the equipment in the presence of flammable liquids or gases. The power tool creates sparks which can ignite them.
- * **ALWAYS** bear in mind that when cutting through the wall, you may come across power lines, gas pipes, water pipes, etc.
- * **DO NOT** put your fingers or any other object in the openings of the equipment to avoid injury.
- * **ALWAYS** try to keep your balance and feet steady when making cuts, to ensure better control of the tool in the event of unexpected situations.
- * **ALWAYS** store the machine in a dry, safe, locked place out of the reach of children.
- * **DO NOT** hold the machine with your finger on the trigger. In the event of an unexpected actuation, switch off the tool and unplug it.
- * **ALWAYS** remove setting tools and accessories before starting the machine. If they are attached to a rotating part, they can cause accidents.



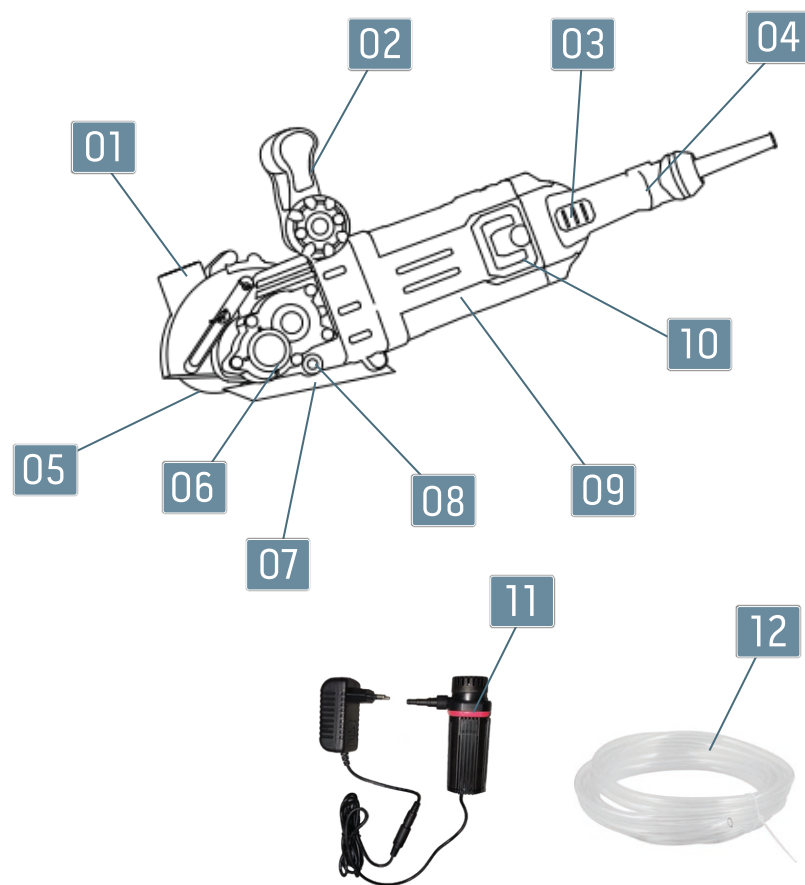
- * **ALWAYS** disconnect the plug from the socket before making any adjustments, changing accessories or storing the machine. When plugging in, make sure the switch is turned off. These preventive procedures will reduce the risk of the machine starting up accidentally.
- * **DO NOT** use the machine if the switch cannot be turned on or off. Have it replaced immediately at an Authorized Service Centre.
- * **ALWAYS** keep the machine clean and the blades sharp to ensure perfect working condition.
- * **ALWAYS** inspect the moving parts, the power cable and the protective cover of the mower.
- * **ALWAYS** keep the front and rear handle clean and free of grease to reduce the risk of personal injury.
- * **ALWAYS** check for damage or any other condition that could affect the operation of the wall saw before starting work. If it is damaged, take it to an Authorized Menegotti Service Centre. Poorly maintained tools can cause accidents.
- * **ALWAYS** use original parts and seek out an Authorized Menegotti Service Center to have your equipment serviced. This will ensure the safety of the machine.
- * **ALWAYS** remove adjustment tools and accessories before starting the machine. A wrench or any other accessory that is attached to a rotating part of the machine could result in personal injury.
- * **ALWAYS** pay attention to the care of the power cable: do not pull the equipment by it and replace it if it is damaged.
- * **DO NOT** expose the tool to rain or wet conditions to avoid the risk of electric shock.
- * **ALWAYS** use an appropriate extension cable to reduce the risk of electric shock.
- * **NEVER** rest the tool on a surface until the rotating work accessory has come to a complete stop. Otherwise, it could cling to the surface and cause the tool to lose control.
- * **ALWAYS** be careful of moving parts, which can cause injury when they come into contact with the body.
- * **ALWAYS** switch off the engine and lock the machine if you are going to leave it unattended.

Operator safety with the cutting blade:



- * **DO NOT** block or apply excessive pressure to the cutting disc.
- * **ALWAYS** ensure that the blade is set to an operating speed at least equal to the speed of the tool.
- * **NEVER** cut materials other than those specified by the cutting blade. Read the specifications on the blade to ensure what type of material can be cut.
- * **DO NOT** position your body directly behind the rotating blade. A possible backlash from the tool could hit you directly. When holding the tool, position your body and arms firmly so as to resist counter-force.
- * **ALWAYS** take special care when working on corners and edges, which have a tendency to bounce back and block the rotating disk, causing a backlash and loss of control of the equipment.

Main Components



POS.	DESCRIPTION
01	Vacuum Cleaner Adapter
02	Front handle
03	Rear Handle Rotation Button
04	Rear Handle
05	Cutting Discs*
06	Gearbox
07	Deflector plate
08	Depth adjustment
09	Motor Box
10	Carbon Brush Cover
11	Disc Cooling Pump*
12	Hose*

*Items provided as a courtesy.

Technical Specifications

SPECIFICATIONS	MCE 2400W	
Nominal voltage	127V	220V
Frequency	60Hz	
Rated power	2400W	
Speed	6500 rpm	
Depth of cut adjustment	30-40mm	
Cutting width adjustment	25-40mm	
Weight	10Kg	

Operation

A) Using the refrigeration kit

- The cooling system must be used in accordance with Ministry of Employment recommendations.
- The refrigeration kit acts directly to cool the blade, preventing premature wear and overheating, so that the water is directed to the cutting area.
- To reduce the risk of electric shock, the operator must connect the refrigeration kit to a Residual Current Device (RCD) or a separator transformer.
- To install the refrigeration kit on the Wall Mower:
 - Connect one end of the hose to the pump (1) and the other to the valve (2), regulate the water flow via the handle (3).
 - Place the submerged pump in a water tank. Keep the pump submerged during all cutting work.
 - Plug the power supply into the socket and the pump will start automatically - check that water is coming out of the discs, the hose must be free of obstructions.

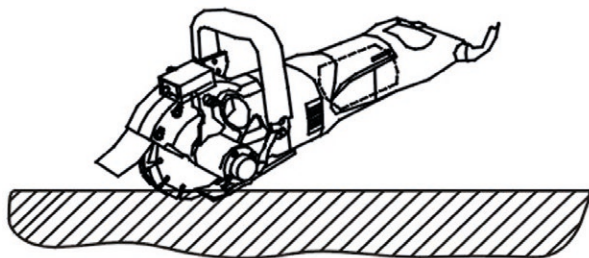


WARNING!

- The refrigeration kit with electric pump is automatic bivolt.
- Do not use the refrigeration kit pump without water, as this could damage it.
- To avoid possible damage to the machine, the cooled vertical cut should be made from top to bottom. The refrigeration kit should not be used for bottom-up cuts to prevent water from entering the machine.
- Take extra care when using work accessories that require cooling liquids. The use of water or other cooling liquids can result in electric shocks.

A) Horizontal cut

When cutting the surface, keep the front cover against the wall and the rear handle up to prevent dust from escaping.

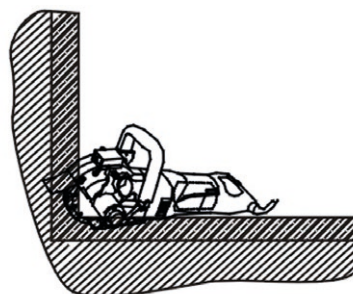
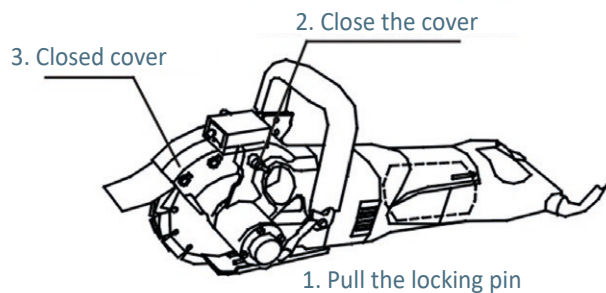


WARNING!

Only use the appropriate disk for the application of this machine.

B) Cutting corners

4. Keep the cover closed when cutting corners.



Cutting Disc Installation



WARNING! The cutting discs must be installed or replaced with the machine switched off and the plug unplugged.

01



01. With a Phillips screwdriver, loosen the screw on the cover and turn it upwards.

02



02. Place the cutting disk.

03



03. Place the spacer. Repeat the process if you want to insert more blades, always interspersing with a spacer.

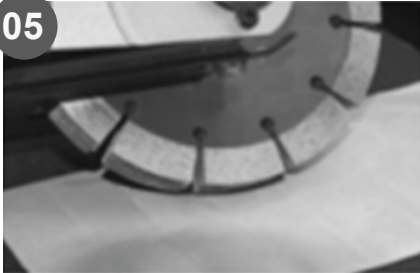
04



04. Align the discs so that all the creases (round cuts) are centered.

This is important for the blades to cool down and for dust to escape during cutting.

05



05. Make sure that all the blades are at the same height, in other words, they are all the same size.

06



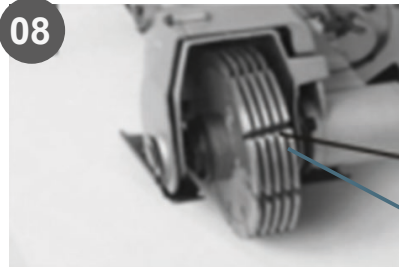
06. After inserting the last disk, insert the washer and finally the screw.

07



07. Tighten the screw with the allen key.

08



08. Make sure the blades are aligned and tighten the screw.

Aligned blades

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.

Termo de Garantia

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.**

REV. 00 | MARCH/2024

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MENEGOTTI
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Unit • Unidat Menfer
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