

MENEGOTTI TECHNICAL MANUAL

WALL SANDER

MLP 710 LED

40860804 - Wall Sander MLP710 Led w/ single-phase motor 220V 50HZ 710W

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.

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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 MLP 710 LED Wall Sander is designed for sanding gypsum walls, internal and external surfaces of ceilings and walls, cleaning floor residues, paint coatings, paint layers, adhesives, among other functions.

Its use is not suitable for sanding objects containing asbestos.

• **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

If the safety recommendations are not followed, this machine presents a risk of electric shock, fire and serious injury. This manual contains notes, cautions and warnings that must be followed to avoid the possibility of improper use, damage to the machine or personal injury.



NOTES: Contains additional information on important procedures.

CAUTIONS: Provide important information to prevent errors that could damage the machine or its components.

WARNINGS: Warn of conditions or practices that could lead to personal injury or even death!

Operational Safety

Workers involved in the operation, maintenance, inspection and other interventions on the machine must receive training provided by the employer and compatible with their duties, covering the risks to which they are exposed and the existing and necessary protection measures, in order to prevent accidents and illnesses. The machine, if operated improperly or by unauthorized persons, poses risks to the operator's physical integrity.

- **NEVER** allow untrained persons to operate the machine.
- **ALWAYS** read, understand and follow the procedures in the instruction manual before attempting to operate the machine.
- **ALWAYS** ensure that the operator is familiar with the appropriate safety precautions and operating techniques before using the machine.
- **ALWAYS** prepare the workplace in such a way as to prevent accidents at work, following the guidelines in this manual and the specifications of current safety regulations.
- **NEVER** operate the machine in applications that are not intended for its function.
- **NEVER** alter or disable the operating and safety functions.
- **NEVER** use accessories that are not recommended by Menegotti for the machine. This could result in damage to the machine and/or injury to the user.
- We will **NOT** take responsibility for any accident due to modifications to the machine. Such modifications will result in loss of warranty.
- **ALWAYS** use caution and common sense when operating the machine.
- **ALWAYS** contact Menegotti immediately at for replacement of damaged or missing parts.
- **ALWAYS** check the machine daily when it is switched off. The machine cannot be used if there are any signs of damage. In the event of problems, contact Menegotti Authorized Service immediately.
- **ALWAYS** prepare the workplace in such a way as to prevent accidents at work, following the guidelines in this manual and the safety regulations in force.
- **ALWAYS** ensure that all persons are at a safe distance from the machine. Stop the machine if people enter its working area.

- **ALWAYS** keep the machine out of the reach of children.
- **ALWAYS** isolate the machine's working area and keep it clean, free from obstruction and well lit.
- **NEVER** leave the machine running unattended.
- **ALWAYS** switch off the machine when it is not being operated.
- **ALWAYS** wear protective clothing when operating the machine. Wear safety glasses, ear protection and safety shoes.
- **ALWAYS** keep hands, feet and loose clothing away from moving parts of the machine.
- **ALWAYS** avoid contact with the rotating parts of the machine.
- **NEVER** operate the machine in environments where flammable substances, liquids, gases or dust are present. Electrical equipment can create sparks that can react with these items.
- **ALWAYS** ensure that electrical installations comply with current safety regulations.
- **ALWAYS** avoid the extension cord coming into contact with the ground, especially if it is wet.
- **ALWAYS** inspect all extension cords before connecting them to the mains, and do not use bare, broken or spliced cords.
- **ALWAYS** use a residual current device (RCD) if it is unavoidable to operate the machine in damp environments. This will reduce the risk of electric shock.
- **NEVER** connect more than one machine to the same socket and/or power strip.
- **NEVER** modify the machine's plug.
- Is **NOT** recommended the use of "T" connections.
- **NEVER** leave the machine exposed to the weather.

- **NEVER** pour water on electrical parts when cleaning the machine.
- **NEVER** operate the machine in the rain.
- **ALWAYS** disconnect the machine from the mains before any inspection, cleaning or maintenance operation.
- **ALWAYS** check that the voltage supply corresponds to the voltage indicated on the machine's nameplate.



ELECTRICAL PRECAUTIONS:



This machine is double-insulated (class II) according to EN60745. Therefore, no grounding wire is required.

- Do not use adapter plugs on tools with grounding terminals.
- Avoid body contact with grounded elements. The risk of shock is greatly increased if your body comes into contact with grounded parts.
- Only use an extension cable that is approved and suitable for the power of the machine. The wires must have a cross-section of at least 1.5mm². When the cable is not on a spool, unwind it completely.

Service Safety

Poorly maintained machines can become a safety hazard! In order for the machine to operate safely and properly over a long period of time, regular maintenance and occasional repairs are necessary.

ADVERTISEMENTS:

Do NOT attempt to clean or repair the machine while it is working.

Do NOT operate the machine without the safety devices and guards in place or not in working order.

ALWAYS replace safety devices and guards after repairs and maintenance.

ALWAYS carry out periodic maintenance as recommended in the instruction manual.

ALWAYS replace worn or damaged components with spare parts recommended by Menegotti for servicing this machine.

Technical Specifications

VOLTAGE	220V
FREQUENCY	50 Hz
POWER	710W
ROTATION WITHOUT LOAD	1200-2500 / min
PLATE DIAMETER	180 mm
SANDPAPER DIAMETER	180 mm
TUBE DIAMETER	32mm
WEIGHT	2,3 Kg
PROTECTION CLASS	II

SOUND PRESSURE	74 dB
NOISE LEVEL	85 dB
ERROR MARGIN	K = 3 dB
VIBRATION	3.84 m/s ²
ERROR MARGIN	K = 1,5 m/s ²

Precautions for Machine Use

- When operating the machine outdoors, use a cable suitable for this purpose.
- Ensure that the power button is in the off position before connecting the power, picking up or charging the machine.
- Remove any adjustment wrenches or tools from the machine before turning it on.
- Maintain proper support and balance at all times. This allows greater control of the machine in unexpected situations.
- If you connect suction devices, ensure that they are properly attached to the machine and that they are used appropriately.
- Do not use the machine if the on/off button is not working.
- Never use the machine in places where there is an explosive atmosphere.

- Do not let the power cable touch any part of your body.
- Only use cables and extensions approved for use in the work area.
- Do not force the machine to perform unsuitable work, such as grinding, brushing, etc.
- Only use identical or original spare parts when replacement is necessary. Otherwise there is no guarantee of perfect operation.
- Accessories must have a speed at least equal to the maximum speed of the machine.
- Do not use damaged accessories. Before using them, check that they are not damaged. In the case of sandpaper, check that the rotating support is not broken. Test for one minute with the sander at its maximum speed to make sure that the accessories are working properly. During this procedure, keep people away from the machine.
- Do not put the sander down or rest it on the ground while it is still moving. Otherwise you could lose control of it and cause an accident.
- Clean the machine's exhaust inlet regularly.
- When in operation, hold the machine firmly with both hands to ensure safety.
- Do not use sandpaper that is too large. When choosing sandpaper, observe the manufacturer's specifications. Sandpaper that is much larger than its holder can cause scratches and damage to the surface you are working on and can jam the machine.
- The machine can be connected to a suction tube.
- Wear a P2 protective mask to protect against dust and connect suitable vacuum cleaners.

Machine Adjustments

NOTE:

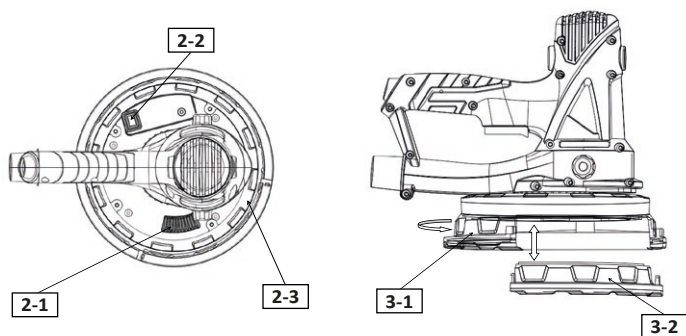
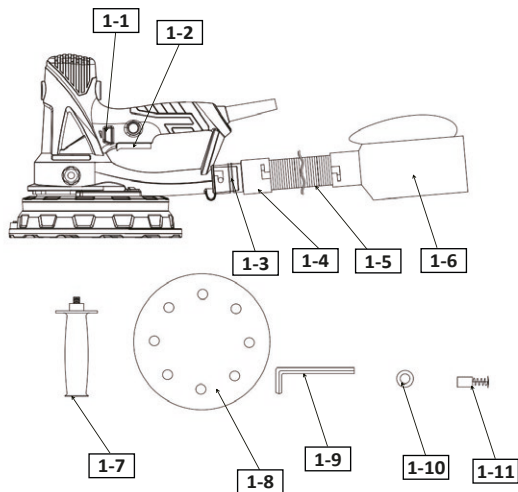
Before installing, repairing or servicing the machine, always turn off the switch and disconnect the plug from the socket!

- Check that the mains voltage and frequency correspond to those required on the machine's nameplate.
- Before using the tool, read the instructions in this manual carefully.
- Before operating the machine, ensure that the sandpaper (1-8) is properly attached to the Velcro holder (4-2), check that the machine's suction systems are properly connected (1-5/1-6/1-3) and that the auxiliary handle (1-7) is not loose.
- If necessary, it is also possible to remove the removable guard (3-2) to access the corners of walls and ceilings.
- The machine also has a soft start system and speed control. The speed regulator (1-1) can be used to set the optimum speed for operation on different materials and surfaces.
- The machine is equipped with an LED system, which helps the operator to carry out his work properly even when exposed to low light situations..

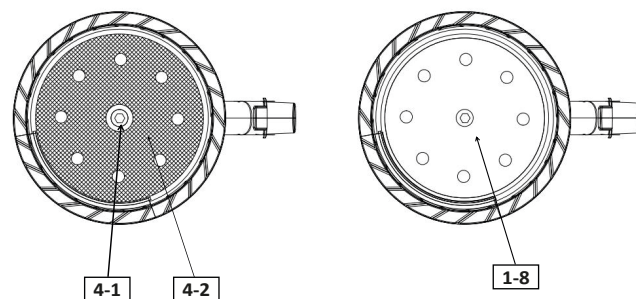
Replacing the Velcro Support:

- Using the allen key (1-9), remove the fixing screw (4-1) from the Velcro holder (4-2) using clockwise movements.
- Replace the damaged Velcro support with a new model. Never use accessories that are not recommended by Menegotti for the machine. This can cause damage to the machine and/or injury to the user.
- After replacing it, reassemble all the parts, this time using the allen key in an anti-clockwise direction.

Main Components



1-1	SPEED CONTROLLER
1-2	SWITCH
1-3	OUTPUT CONNECTOR
1-4	HOSE CONNECTOR
1-5	SUCTION HOSE
1-6	DUST BAG
1-7	AUXILIARY HANDLE
1-8	SANDPAPER
1-9	ALLEN KEY
1-10	WASHER
1-11	CARBON BRUSH
2-1	SUCTION REGULATOR
2-2	LED SWITCH
2-3	LED STRIP
3-1	VELCRO SUPPORT PROTECTION
3-2	REMOVABLE PROTECTION
4-1	SCREW M6x30
4-2	VELCRO SUPPORT FOR SANDPAPER Ø180



Operation

Important:

- Do not control the machine head.
- Hold the machine with both hands.
- Before operating the machine, make sure that all clamping levers are closed and the dust bag (1-6) is installed.

STEP 1: Plug the machine into the socket.

STEP 2: Place the machine slightly away from the surface to be sanded.

STEP 3: Turn the machine ON.

STEP 4: Adjust the suction regulator (2-1) based on your needs.

STEP 5: Press the machine onto the surface with moderate pressure for best finishing effects and to avoid overloading. Better finishing effects are also obtained by choosing the right abrasive material (sandpaper).

STEP 6: Once you have finished working with the machine, turn it OFF.

ADVERTISEMENTS:

Switch off the machine immediately in the event of:

- Bad contact in the socket or cable or damage to it.
- Broken on/off button.
- Smoke or smell of burnt insulation.

Cleaning

ADVERTISEMENTS: Remove the plug from the socket before carrying out any adjustment, maintenance or cleaning.

- Keep the safety devices, ventilation slots and motor housing as free from dirt and dust as possible. Clean using damp, clean cloths or compressed air.
- To ensure constant air circulation in the machine, keep it clean and free of obstructions.
- We recommend cleaning immediately after use.
- Clean regularly. Do not use solvents or cleaning products as these will damage the plastic parts of the machine. Take care that no water gets inside the machine.

Maintenance

This machine requires no additional lubrication or maintenance. Always store the machine in a dry place.

If the power cable is damaged, it must be replaced immediately by a qualified professional to avoid risk.

If a problem cannot be solved, have it repaired by Menegotti Technical Assistance.

Carbon brushes

If excessive sparking occurs in the machine, the carbon brushes should be checked and replaced if necessary.

ADVERTISEMENTS: Only a qualified electrician can replace the carbon brushes.

Troubleshooting

SYMPTOM	CAUSES	SOLUTIONS
The ON/OFF button is pressed but the engine does not start	- The plug or socket is loose - The button is damaged	- Repair the plug or socket - Replace the button
The ON/OFF button is turned on but strange noises are heard, the motor does not run or runs very slowly	- The button contact is damaged - The button is jammed - Too much pressure against the surface, as a result the motor is dragging	- Replace the button - Check and repair the system - Apply less force against the surface during operation
The engine heats up	- Foreign substances have entered the motor - Lack of grease and lubrication - Pressure too high	- Remove substances - Replace or add grease - Apply less force during operation
Strong and frequent sparks at the rotary switch	- Short circuit in the case - Jammed, damaged or worn brushes - Rotary Switch with rusty or rough surfaces	- Replace case - Check brushes - Clean the surface of the rotary switch

For your own safety, never remove parts or accessories from the machine during operation. In the event of faults, take the machine to an authorized service center or a qualified professional.

Environmental Protection

Do not dispose of the machine in any garbage can, dispose of it in a suitable environment and contact the responsible agency to dispose of it correctly. 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 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

Menegotti
GROUP
Solid values, *sustainable future.*

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