MENEGOTTI TECHNICAL MANUAL
CONCRETE SAW
MCP-350 | MCP-450

Illustrative images.

QR-Code:

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www.mgtamerica.com

Attention:

Before operate **Menegotti** equipament, 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.

Note: Cutting disc is not included.

MENEGOTTI
NORTH AMERICA

Congratulations, you have just purchased a Menegotti product!

With the highest quality, projected and built especially to serve your needs.

This manual was elaborated to provides the informations and key instructions to use and mantain our product, in addiction presents their technical characteristics.

Before use the product for the first time, read and pay attention at the informations in this manual.

The product durability only depends the way you treat it in service (operation) and the satisfactory working is consequence of yours regular work carefully.

Menegotti is preparaded to offer you all technical assistance, and attend all your needs about replacement parts.

Welcome, you are part of the huge Menegotti “customers family”.

After sales Departament
and Technical Assistance MENEGOTTI.

Attention: For better comodity, store and keep this manual in a properly spot so it can be easily checked.

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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 Concrete Saw is a machine used with the main objective of flat cutting, being ideal both for cutting concrete (wet or cured, with or without steel reinforcements) and for asphalt. The saw used in this machine is used for cutting jobs that require precision, including floors, driveways, walkways, ramps and other applications.

• Menegotti reserves the right to make changes to the products without prior notice. Illustrations may include optional equipment and accessories, which may not be included in all standard equipment. If any information in this manual is not consistent with the physical product, consider the current product and manual for reference only.
For more updated information, just access our website: https://sites.google.com/view/menegotti-engenharia-docs, or use the QR code on the cover of this manual.

Safety **Information**

This equipment, if not observed the safety recommendations, presents risks of burns, intoxication, cuts and amputations.
This manual contains notes, cautions and warnings that must be followed to avoid the possibility of misuse, damage to the machine or personal injury.

NOTES: Contains additional information for important procedures.
CAUTION: Provides important information to prevent errors that could damage the machine or its components.
WARNINGS: Alert you to conditions or practices that could lead to personal injury or even death!

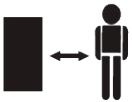
Operational security:

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.

* **NEVER** allow untrained people to operate the Concrete Saw;
* **ALWAYS** read, understand, and follow the procedures in the Instruction Manual before attempting to operate the equipment;
* **ALWAYS** make sure the operator is familiar with proper safety precautions and operating techniques before using the equipment.

* **NEVER** operate the equipment in applications that are not intended for the use described in this manual;
* **NEVER** modify or disable operational and safety functions;
* **NEVER** use accessories that are not recommended by Menegotti for the Concrete Saw. It can cause damage to the equipment and/or injury to the user;
* We will **NOT** assume responsibility for any accidents due to modifications to the equipment. Such modifications will result in loss of warranty;
* **ALWAYS** use caution and common sense when operating the equipment.

* **ALWAYS** in case of damaged or missing parts, immediately contact MENEGOTTI by phone at 770 910 7450 for replacement of same;
* **ALWAYS** with the machine turned off, make a daily inspection of the parts of the equipment. In case of problems, immediately contact the Menegotti Authorized Service.



* **ALWAYS** make sure that all people are a safe distance away from the cutter. Stop the equipment immediately if someone enters the work area of the cutter;
* **ALWAYS** check for loose parts, such as screws and nuts, before using the equipment.

* **ALWAYS** be careful when using the equipment. Moving parts can cause injury if they come into contact with the body;
* **ALWAYS** turn off the engine and lock the machine if you're leaving it unattended;
* **ALWAYS** lock the machine if you're working on a slope.

* **NEVER** use the machine indoors (without ventilation). Engine exhaust gases contain carbon monoxide; exposure to carbon monoxide can cause loss of consciousness and may lead to death;
* **NEVER** ingest fuel or inhale its vapors, and avoid skin contact. In case of skin contact, wash the affected surface immediately. If fuel comes into contact with operator's eyes, flush immediately with water and seek medical attention as soon as possible.

* **ALWAYS** wear protective clothing when operating the Concrete Saw. Wear safety glasses or goggles, ear protection and safety shoes;
* **ALWAYS** keep hands, feet, and loose clothing away from the moving parts of the Concrete Saw;
* **ALWAYS** wear a mask during cutting, refueling and cleaning the fuel tank.

* **ALWAYS** avoid contact with hot surfaces, contact with these areas can cause severe burns;
* **ALWAYS** before performing any operation or maintenance, allow the engine to cool down.

Advertências:

* **DO NOT** refuel the engine when it is hot or running;
* **DO NOT** refuel near a confined area, area with spark, flame, smoke or any restricted area;
* **DO NOT** spill fuel when refueling the engine. Always clean up any fuel spills.

* **DO NOT** smoke around or near the machine. Fuel vapors can cause fires or explosions, or if fuel is spilled into a hot engine;
* **NEVER** operate the Concrete Saw in an explosive atmosphere or near combustible materials. This could lead to a fire or explosion, which could cause serious personal injury or even death.

* **ALWAYS** replace the fuel tank cap after refueling;
* **ALWAYS** check the fuel hoses, fuel tank cap and fuel tank for leaks before starting the engine. Do not start the machine if there are fuel leaks or if the fuel tank cap or tank is loose.

* **ALWAYS** turn off the engine before adding or changing the oil;
* **NEVER** start the engine without the air filter. Severe engine damage can occur;
* **ALWAYS** clean the air filter frequently to prevent carburetor malfunction.

Operator safety with the cutting disc:

* **ALWAYS** use cutting discs made of steel on the Concrete Saw;
* **ALWAYS** inspect the disc before using it. It must not have cracks, dents, or flaws in the core and/or steel edge. The center of the chuck hole must remain intact, and tight;
* **ALWAYS** inspect the disc flanges for excessive wear and clean before mounting the disc. The cutting disc should fit snugly on shaft and mounted against inner/outer flanges.

* **ALWAYS** make sure the blade is marked with an operating speed greater than the Concrete Saw blade shaft speed;
* **ALWAYS** cut only the material that is specified by the cutting disc. Read the disc specifications to ensure the proper tool is matching the material being cut.

* **ALWAYS** keep the disc in a proper place. The exposure of the disc must not exceed 180°C;
* **ALWAYS** make sure the disc does not come into contact with the ground or surface during transport. Do not drop the cutting disc on the floor or other surface.

* **The engine governor** is designed to allow maximum engine speed in a no-load condition. Speeds that exceed this limit can cause the disc to exceed the maximum safe speed allowed;
* **Make sure** the disk is mounted for the proper operating direction.

NOTES:

Technical **Specifications**

SPECIFICATIONS	MCP 350				MCP 450	
Engine	Honda GX160	Menegotti 200	Honda GX 270	Menegotti 270	Honda GX390	Menegotti 390
Power - HP	5,5	6,5	9		13	
Weight - Kg	78		90		110	
Maximum cutting depth - mm	90				165	
Dimensions of the cutting disc (mm)	300-350				350-450	
Depth adjustment	Manual Rotation					
Triggering	Manual					
Water tank capacity - Liter	10				26	
Dimensions (length x width x height) - mm	990x490x940				1306x540x785	1306x540x800

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Machine **Operation**

The following information shows you the procedures for using the equipment, from receiving it, to initial inspection and preparation, to instructions on how to cut a surface. Failure to follow these instructions may endanger the safety of the operator and even people working near the machine. Check out the step-by-step instructions for using this equipment:

Receiving the machine:

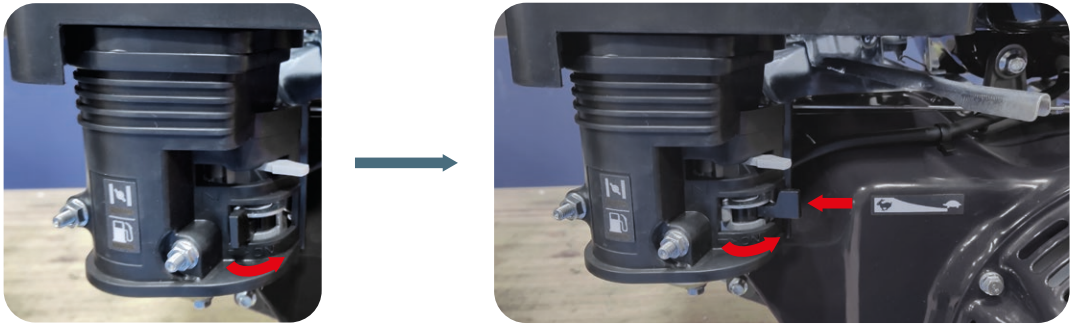
Immediately after accepting delivery of your new equipment and before putting it into service:
* Read the equipment and engine manual;
* Check the general condition of the equipment (if it has been damaged during transportation and/or delivery);
* Check the engine oil level;
* Check the fuel level;
* Check and lubricate the machine with the lubricants that are detailed in the '**Machine Maintenance**' section.

Cutting disc installation:

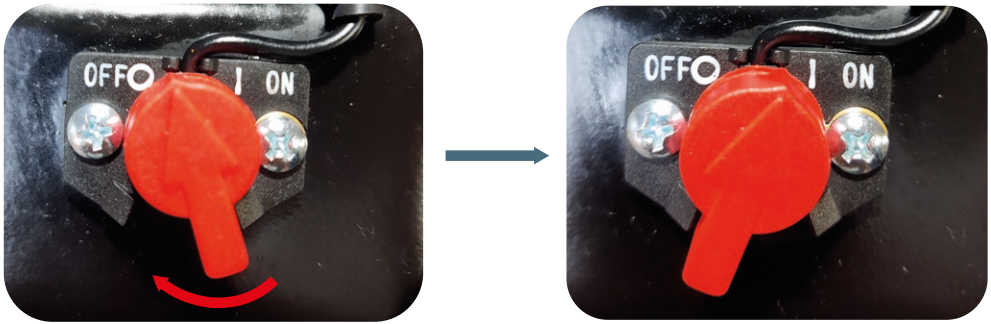
1. Make sure that the spark plug is disconnected and the Concrete Saw is turned off;
2. Remove the disc shaft nut, and remove the outer flange from the shaft;
3. Clean any foreign particles on the flange attachment surfaces and disc attachment surface;
4. Place the disc on the appropriate shaft, aligning the disc offset pin with the drive pin on the clamp ring (if pin system is available on the machine). If your disc has a rotating direction arrow, position the cut arrow for low cut (diamond tab dragged for low cut);
5. Replace the outer disc shaft flange on the disc shaft. The inner ring drive pin must be designed inside the drive core on the disc and inside the outer ring (if pin system is available on the machine);
6. Tighten the disc shaft nut firmly against the toothed washer and outer flange, using the wrench provided;
7. Reconnect the spark plug or, with the "on/off" switch, connect the power supply cable.

Starting the **Engine**

1. Open the fuel valve lever by moving the switch from the "OFF" to the "ON" position, as shown in the following figures;



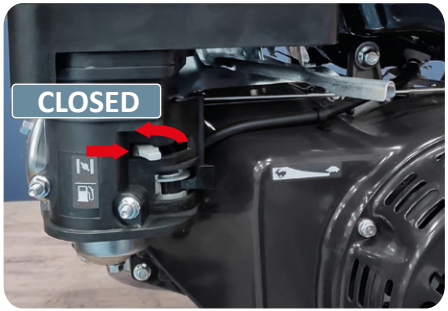
2. Set the engine stop switch from the "OFF" position to the "ON" position, as shown in the following figures;

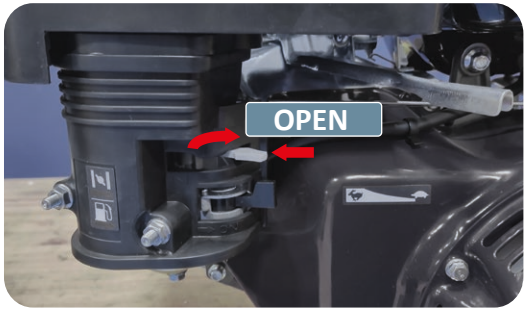


3. Move the throttle lever/rod to approximately 1/4 of its full travel (25% throttle), as indicated in the following figure;

ATTENTION: If it exceeds this value (25%), there is a risk that, when starting the engine, it has enough capacity to make the machine work without the operator being prepared to start operations, a fact that can result in accidents or damage to the machine.

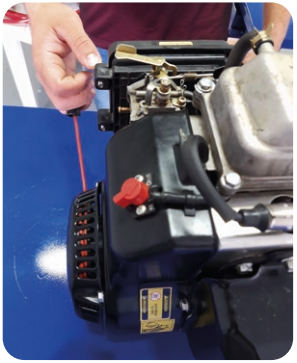
4. To start a cold engine, move the choke lever to the "CLOSED" position.
- To restart a warm engine, leave the choke lever in the "OPEN" position.
If the choke lever has been moved to the CLOSED position to start the engine, gradually move it to the OPEN position as the engine warms up.





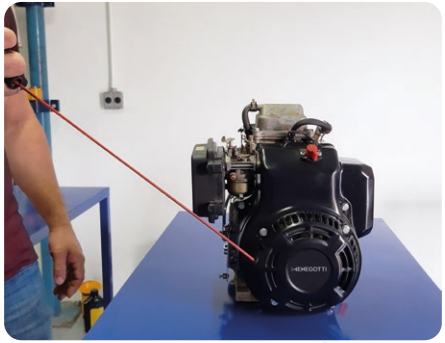
Note: The choke can change its physical appearance and position depending on the machine, including the direction in which it opens or closes, so pay attention to the signs that contain information about actions, movements and directions.
ATTENTION: Step 4 is valid only for cold start cases, in case of hot start, do without this step, i.e. it is not necessary to operate the choke. In cases where the engine is at "medium temperature", so that it does not fall into any of the starting categories, i.e. cold or hot, open the choke so that it has 50% of its action, and then simply follow the instructions in the other steps as normal.

5. Pull the starting rod/handle lightly to make the internal components fit properly until it offers a slight resistance to movement, as shown in the following figures;



ATTENTION: This first movement must be smooth for the correct fitting of the components shown in the following figures. Once the rods open and fit into the limiting walls, if the movement is abrupt and not continuous, the fitting may not occur as it should, which compromises the internal walls of this system, and also decreases the useful life of the retractable starter rope.

6. Pull the starting rod/handle continuously, quickly, and firmly to start the engine;



ATTENTION: Both the pulling and returning movement of the retractable starter rod/handle must be firm and continuous, in order to avoid breakage of internal components. To perform the correct movement, just pull the rod to the position that offers a little resistance, which indicates the ideal fit of the internal components, and from this point on, continue the movement in a continuous, fast and firm way, without sudden movements, the same is valid for returning the rod to the initial position, that is, do not release the rod/handle while the rope is taut and out of the housing.

7. When the engine starts, return the choke rod to the “Closed” position, and move the throttle rod to a position of 50 to 75% of the throttle so that it is continuous;

8. If the engine fails to start after 3 attempts, open the choke slightly to prevent drowning and repeat the entire engine starting process;

9. Let the engine warm up for 3 to 5 minutes before using it under load, that is, in full operation;

10. Always operate the engine with the throttle rod fully open (100%) when the machine/equipment is in operation.

Turning off the **Engine**

1. Turn off the throttle to the idle position;

2. Set the motor switch to the "0" (OFF) position by turning it counterclockwise;

3. Close the fuel cock by moving the tap level switch to the closed (OFF) position, and to the left.

NOTE: These starting instructions are general guidelines only. Consult the engine manual for specific instructions.

Types of cutting:

There are 2 types of cutting to be used with the Concrete Saw: wet and dry.
The cutting speed to use depends entirely on using the correct disc for the material being cut.

Before starting:

1. Use the correct disc for the cutting conditions;
2. Make sure the shaft and flanges are clean and undamaged;
3. Mount the disc and tighten it securely using the wrench;
4. When wet cutting, check the water for proper flow regulation;
5. Align the pointer with the Concrete Saw cutting disc.
CAUTION - Avoid proximity to structures or other equipment. Failure to do so could cause inadvertent injury to the operator or others in the area.

Start cutting:

1. Start the engine and let it warm up. Every cut is performed at full throttle;
2. Align the cutting disc. If the cut is wet, leave the water valve open and turn on the water safety switch;
3. Step on the left pedal until you hear a "click", then turn the adjustment handle on top of the machine to move the equipment back and forth. Leave the right side of the pedal to push the machine;
4. Lower the disc slowly, until the cut;
5. Cut as fast as the disc allows. If the blade climbs out of the cut, reduce the forward speed or adjust the cutting depth;
6. Use just enough side pressure on the disc to make it follow the cut line.

The cut:

Lower the cutting disc to a certain depth by turning the tilt handle counterclockwise.
Note: For deeper cuts (100 millimeters or more), multiple cuts should be made in incremental steps of 40 to 50 millimeters, until the desired depth is reached. Firmly push the cutter forward using the front pointer as a guide. Apply enough pressure to run the engine without slowing down. If the machine starts to stall, relieve pressure and slow feed until full speed is restored. If the cutter stops, lift the disc until it is all the way out of the cutting line and only then start work again. Avoid excessive side pressure or wheel twisting while cutting.

CAUTION: Pay attention in situations of cutting in terrain with great unevenness. Engine leaning at extreme angles can cause oil to enter the cylinder head, making the engine difficult to start.

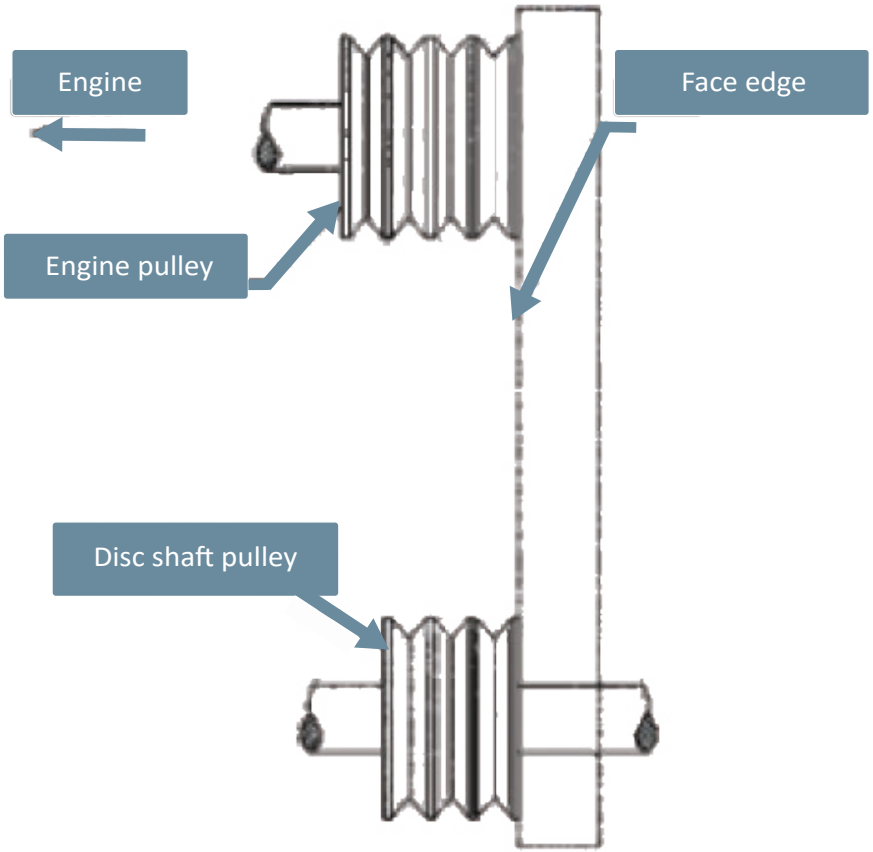
Dry cut:

* Never use any cutter without safety guards in place;
* Do not exceed the maximum speed established for the diameter of the disc;
* Do not force the disc onto the surface being cut: allow it to cut at its own speed;
* Do not make long continuous cuts;
* Never dry cut for more than 30 seconds at a time. Allow the disc to cool down;
* Do not cut or groove with the disc side, or cut in a curve or radius. Do not dry cut with discs recommended for wet cutting;
* Do not operate the Concrete Saw with a larger diameter disc than the capacity of the machine.

Belts and pulleys:

WARNING: NEVER adjust belts and pulleys while the engine is running.

1. The best tension for a V-belt is the minimum tension sufficient so that it will not slip under maximum load;
2. Stretch the belts until they are firmly in the grooves of the pulleys. Let the machine run for about 5 minutes to "firm up the belts". Set to maximum load. If the belts slip, adjust them until they no longer slip at full load. Most new belts need additional tension once they have firmed up on the pulleys;
3. Remember, too much tension shortens belt and bearing life;
4. Check belt tension frequently during the first day of operation. Then periodically check the voltage during use and make any necessary adjustments;
5. The two most common causes of pulley misalignment are:
a) Engine drive shaft and disc shaft are not parallel;
b) The pulleys are not properly adjusted on the shafts (engine shaft and disc shaft);
6. To check the alignment, use a steel ruler;
7. Align the straight face along the outside of both belts and pulleys shown in the drawing. All pulleys have 2 set screws under the grooves. Fixing screws must have thread lock adhesive;
8. The misalignment will appear as a gap between the pulley face and the straight edge. Make sure there are no gaps between the disc shaft pulley and the saw base on either side.


Engine
Face edge
Engine pulley
Disc shaft pulley

Transport and **Storage**

Transport:

1. Always turn off the engine when transporting the machine;
2. Make sure the lifting device has sufficient capacity to support the machine (see nameplate on machine);
3. Use the lifting point when lifting the machine, as shown in the figures below. Also use suitable lifting equipment to ensure safe movement of the cutter;
4. The wheels can be used as an option for short-distance transport;
5. Do not use the handle bars and/or the front pointer as lifting points;
6. Never tow equipment behind a vehicle;
7. Make sure both pointer bars are properly positioned to minimize their exposure during transport;
8. Never transport the Concrete Saw with the cutting disc mounted;
9. Close the fuel valve under the gasoline tank. Leaks can occur if the valve is left open during transport.

STORAGE PRECAUTIONS

1. Change the engine oil.
2. Remove the spark plug.
3. Pour one tablespoon (5-10 mL) of new engine oil into the cylinder.
4. Pull the starter rope several times to distribute the oil in the cylinder.
5. Reinstall the spark plug.
6. Slowly pull the retractable starter rope until resistance is felt. This will close the valves so that moisture will not enter the engine cylinder.
Return the retractable starter rope carefully.

Storage:

* **ALWAYS** store equipment properly when not in use. The equipment must be stored in a clean, dry place and out of the reach of children.
* Storing equipment with gasoline in the fuel tank can cause operating problems due to fuel deterioration.
* Very hot temperatures/storage accelerate fuel deterioration. Fuel deterioration problems can occur in a few months or even less if the gasoline was not fresh when you filled the fuel tank.
* The warranty does not cover fuel system damage or engine performance problems resulting from improper preparation for storage.

Machine **Maintenance**

Maintenance with security:

*** NEVER** lubricate components or attempt repairs while the machine is running;
*** ALWAYS** allow the machine an adequate amount of time to cool down before servicing;
* Repair the machine immediately and always replace the broken parts;
* Dispose of hazardous waste properly. Examples of potentially hazardous waste are engine oil filter, fuel and fuel filter;
* Do not use food or plastic containers for hazardous waste disposal;
* Gasoline Engines - To improve engine life, allow the engine to idle for 2 to 5 minutes before turning it off. When the idling period is complete, use the switch located on the engine and bring it to a stop.

Maintenance and service:

* Check the oil level, wiring, hoses (air, fuel, water) and lubricate the machine daily;
* Immediately repair or replace all worn or damaged components;
* Check that the tension of the transmission belt is not above the allowed;
* Make sure the machine has the complete set of belts;
* Check the disc shaft, make sure the shaft and threads are not worn, damaged or crooked;
* The disc shaft bearings must be tight, with no back and forth play or up and down play;
* Grease the disc shaft bearings daily;
* Disc hole edges must be clean, free of nicks and burrs. No diameter wear and center clearance;
* The drive pin must not be excessively worn or croocked and free of grooves;
* Check that all protections are adequate and secure;
* Check that all screws are tight and secure;
* Check that the air filter / oil filter (hydraulic or engine) is clean;
* At each end of the day, run clean water through the pump and clean all debris. These procedures prolong the life of the pump and disc.

Lubricants:

- Engine: SAE 10W30
- Machine: Lithium based grease
* Clean the device before starting the lubrication maintenance;
* Ensure that the machine is firmly and level to the ground before starting maintenance;

* During lubrication, ensure thorough cleaning;
* To avoid the risk of accidents, use the correct tool for the job and keep tools clean;
* Draining the engine oil is best done when the oil is not hot;
* Any spilled oil must be cleaned up immediately;
* Use only clean oil containers and only fresh, clean oils and grease of the correct grade;
* Contaminated water / Fluids / Oils / Filters must be disposed of in accordance with your Legislation.

Maintenance plans:

Below are some recommended guidelines for better conservation and performance of the Concrete Saw. We also recommend that engine maintenance be performed and followed in accordance with the procedures described in the Engine Manual.

- Machine maintenance plan:

Action	Before each operation	Daily	Every 40 hours of operation	Every two weeks or 50 hours of operation	Whenever necessary
Visual inspection of all equipment	X				
Cutting disc inspection	X				
Inspection of the cutting disc shaft	X				
Check the engine oil level	X				
Grease cutting disc shaft bearings		X			
Clean the air filter		X			
Clean the other equipment bearings			X		
Change engine oil				X	
Inspect belts					X

- Engine maintenance plan:

ITEM H - Honda Engine | M - Menegotti Engine		In all operations	First month or 20Hrs	Every 3 months or 50Hrs	Every 6 months or 100Hrs	Every year or 300Hrs
Engine oil	Check level	H | M				
	Change		H | M		H | M	
Gearbox oil (applicable types)	Check level	H | M				
	Change		H | M		H | M	
Air filter	Check	H | M				
	Clean			H [1] | M [1]	H *[1]	
	Replace					H ** | M **
Sediment cup	Clean				H | M	
Spark plug	Check and adjust				H	
	Check and clean				M	
	Replace					H | M
Spark arrestor (optional)	Clean				H | M	
Idle speed	Check and adjust					H [2] | M [2]
Valve clearance	Check and adjust					H [2] | M [2]
Combustion chamber	Clean	H - Every 500Hrs [2] | M - Every 300Hrs [2]				
Fuel tank and filter	Clean				H [2]	M [2]
Fuel tube	Check	H [2] and M [2] - Every 2 years (Replace if necessary)				

* Internal vent carburetor with dual element type only;

• Cyclone type every 6 months or 150 hours;

** Replace only the paper filter element;

• Cyclone type every 2 years or 600 hours;

[1] More frequent service when used in dusty areas

[2] These items must be performed by the maintenance service or trained professionals with appropriate tools.

Troubleshooting

PROBLEM	CAUSE	SOLUTION
IRREGULAR SEGMENT WEAR	***In wet cutting:** Lack of water (usually on one side of the disc).	Pump the water system.
		Check the water flow on both sides of the disc.
	Equipment defects can also cause wear and tear.	Replace bad bearings, worn chuck shaft or misaligned shaft.
	Misaligned saw head.	Check alignment by perpendicularity, both vertically and horizontally, on the Concrete Saw disc.
CRACKED SEGMENT	The disc is too hard for the material to be cut.	Use a disc with a softer alloy.
THE DISC DOESN'T CUT	The disc is too hard for the material being cut.	Select the appropriate disc for the material being cut.
	The disc is blunt.	Sharpen by cutting soft abrasive materials. If you need to sharpen continuously, the disc is too hard for the material to be cut.
	The disc doesn't cut the material for which it was specified.	Cut the material anyway. If it won't settle on its own, sharpen it like a blunt disc.
LOW CUT	Abrasive wear of the core occurs faster than that of the segment.	Use water to wash off residue generated during cutting.
		Use wear retardant on the cores.
OFF-CENTER SPINDLE CORE	Rings/flanges are not properly tightened, allowing the disc to rotate or vibrate the shaft.	Make sure the disc is fixed on a shaft of the proper diameter. Tighten the shaft nut with a wrench to make sure the disc is secure.
		Clean the rings/flanges, make sure they are not worn. Tighten the chuck nut.
	Rings/flanges are worn or dirty. The disc is not properly secured.	Make sure the pin hole slides over the drive pin.
CUTTING DISC CENTER WORN	Bearing shaft is worn.	Install new bearing shafts or disc shaft as needed.
	Vibrations occur because the engine is not properly regulated.	Adjust the engine according to the engine manufacturer's manual.
	Disc chuck core is damaged due to incorrect disc assembly.	Do not use the disc if the core is worn or the chuck core is damaged. Contact the disc manufacturer.
	Disc alloy is too hard for the material.	Replace the worn spindle or chuck adapter bushing.
	Disc is slipping, one side being worn more than the other.	Make sure the trigger pin is working.
		Tighten the shaft nut.

PROBLEM	CAUSE	SOLUTION
SEGMENT LOSS	Cutting disc is overheating due to lack of coolant (water or air).	***In wet cutting:** Check the water connection. Make sure the flow is adequate on both sides of the disc and that there are no obstructions. Use enough water to cool the cut. ***In dry cutting:** Leave the cutting disc periodically free to get fresh air.
	The core is worn down as a result of low cuts.	Replace worn bearings; realign the disc shaft or change the used disc clamp chuck.
	Defective rings/flanges leave the disc out of alignment.	Clean the ring/flange or replace it if it's below the recommended diameter.
	The disc is too hard for the material being cut.	Use the specified cutting disc for the material to be cut.
	The disc is outside its circumference, causing it to bump during movement.	When purchasing cutting discs, check the spindle speed beforehand to ensure that the disc is running at a correct rotation.
	Inadequate disc tension.	Avoid twisting or turning the disc while cutting.
CRACKS IN THE CORE	Disc "shakes" in the cut as a result of the loss of its tension.	Tighten the disc shaft nut.
		Make sure the disc is at proper speed and the drive pin is working properly.
	The disc is too hard for the material to be cut.	Use a cutting disc with the softest alloy to relieve tension.
VOLTAGE LOSS	Core overheating.	Make sure the disc rotation is correct.
	Core overheated due to disc rotation in mandrel.	Check water flow, distribution and connections.
	Core overheated due to material being cut.	Check water flow, distribution and connections.
	Unequal pressure fixing rings/flanges.	Tighten the nut on the cutting disc shaft.
		Make sure the trigger pin is working.
		Correctly align the cutting disc.
		Rings/flanges must be identical in diameter and in the recommended size.
	The disc is too hard for the material being cut.	Use a disc with a softer alloy to reduce tension.
OSCILLATIONS IN THE DISC	The blade is being used on a damaged or worn saw.	Check for bad bearings, crooked shafts, or worn clamping chuck.
	The snap ring is worn out.	Check that the rings/flange are clean, flat and in the correct diameters.
	The disc is at an incorrect speed.	Adjust the engine to the proper rotation.
	Ring/flange diameters are not equal.	Use the disc with the proper size rings/flanges.
	The disc is bent as a result of being dropped or twisted.	Do not use bent disk. Contact the manufacturer.

Follow-up of oil changes:

Engine Oil	Last Exchange Date	Reduction Gear Oil	Last Exchange Date

Product Warranty

The conditions and terms of this warranty are non transferable and go into effect on the date of purchase of this equipment, proven by presentation of the sales invoice issued to the first end user. At the time of delivery of the equipment, the customer must be provided with the information and technical orientations according to the contents of this manual.

Not, however, included in this warranty are defects arising from improper use, negligence, imprudence or malpractice, nor are repairs or alterations to any part and/or component of the equipment. Also not included are: the assembly of any sets of parts by technicians not from the Factory itself or from an Authorized Technical Assistant, application other than which it was specified, mechanical or electrical overloading as well as lack of phase, use in environments for which it was not designed, incorrect voltages and frequencies, incorrect lubrication, damage caused by accidents of any nature, such as floods, gales, fire, landslides or due to transportation.

Removal or any alteration to the series numbers originally placed on the product will render the warranty null, where the Sales invoice and Warranty Certificate must be presented in relation to the equipment in question.

This warranty is limited to the repair, replacement of parts or assembly of parts in which, through examination by a Menegotti Authorized Technical Assistant with prior authorization from the Factory, any manufacturing defect will be verified. This repair or replacement will be performed by the authorized Technical Assistant, where the purchaser will be responsible for risks and expenses arising from transport to and from the authorized Technical Assistant, and where labor and parts will not be charged according to the terms of this warranty.

This warranty replaces any other warranty, implicit or explicit, as well as all any obligation or responsibility on the part of our company in relation to the above mentioned product.

MENEGOTTI Post Sales Department and Technical Assistance.

Warranty Term

By the present CERTIFICATE provided from original purchaser, Menegotti guarantees this product against manufacturing defects, for a period of 12 (twelve) months, counted from the invoice issue date of the first final 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.

If the equipament is purchased with 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 specifcation 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

MENEGOTTI CONSTRUCTION

MENEGOTTI HOUSE & GARDEN

Code. 24051147 | REV. 00 | OCTOBER/2023

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