

MENEGOTTI TECHNICAL MANUAL

MPV 70

MPV 100

40860264 - Vibratory Compactor MPV70H with Honda GX160 5.5HP engine

40860266 - Vibratory Compactor MPV70 without engine (prepared for Honda GX160 shaft 3/4")

40860281 - Vibratory Compactor MPV100 without engine (prepared for Honda GX160 shaft 3/4")

40860277 - Vibratory Compactor MPV100H with Honda GX160 5,5HP engine

QR-Code:



Point your cell phone or tablet camera to access the updated version of **Technical Manuals** and **Parts Catalogs** online, or click 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[®]
CONSTRUÇÃO

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 maintain our product, in addition 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 prepared 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 Vibratory Compactors Mengotti are identified by their serial's and model's numbers. They are projected to realize the most demanding jobs.

Obs.: Menegotti, aiming to constantly improve its equipments, reserves its rights to alter the features of the product with no previous warning.

Safety Information



- Before using this equipment, carefully, read this manual and follow the Manufacturer's information, such as, how to reduce the risk of accidents in operation.



- It is expressly prohibited to remove or alter any safety device or feature.

- Use the equipment according to the instructions on this manual.

- In case of damage or missing parts, contact Menegotti immediately by phone 770-910-7450 for replacement of same.

- With the machine turned off, conduct a daily inspection of the machine parts. In the case of problems, immediately contact the Menegotti Authorized Service.



- Maintenance a limited area exclusive for working with the equipment, always keeping the place clean, without obstructions and with good lighting;

- The operator must be trained or qualified to operate this equipment;





- Do not use clothing that is too loose and which might get caught in the machine;
- Always use gloves, safety goggles and ear protection;
- The engines must be installed by qualified professionals;
- Perform the maintenance recommended in this manual with qualified people and within the stipulated periods.
- Inspect all electrical extensions, mainly for cuts, cable friction and broken connections;
- Never use extensions that are not in good condition.
- Never use wet extensions or operate in wet environments (e.g. Pools of water).
- When cleaning the equipment, never throw water on the engine.
- Whenever performing maintenance on this equipment, disconnect the power cable from the source.
- • Avoid contact with hot surfaces.
- Before performing any activity or maintenance, first let the engine cool down.
- Avoid contact with rotating parts!
- The Menegotti Reversible Plate Compactors are not suitable for indoors.
- The carbon monoxide from the exhaust of internal combustion engines can cause death if used in confined spaces;
- Do not operate or refuel the gasoline or diesel engine in a confined area without adequate ventilation;
- Keep hands and feet free from rotating and moving parts, these could cause damage.
- Make sure that both the machine and the operator are stable, putting them at ground level so that the machine will not capsize or fall during the operation.
- Make sure before you start compressing the walls of trenches that will not fall apart due to vibration.
- Ensure the area to be compacted does not hosts energized electrical lines or gas services, water or communications may suffer damage from vibration.

Technical Specifications

TECHNICAL DATA	MPV 70	MPV 100
Weight (kg)	78	106,5
Dimensios (CxLxA)	820 x 360 x 900	1110 x 480 x 940
Base (mm)	520 x 420	590 x 480
Work Velocity (Km/h)	1,2 to 1,5	1,2 to 1,5
Vibe Frequency (vpm)	5.640	6.000
Centrifuge Strength(kg)	1.050	1.800
Compacted Area (m²/h)	580 to 650	620 to 700
Compacting Depth (cm)	20	35
Engine Air-Cooled Combustion, 4 times	Honda GX-160 5,5 CV 3600 Gasoline	Honda GX-160 5,5 CV 3600 Gasoline

Main Components

POS.	DESCRIPTION MPV 70	APPLICATION
1	Accelerator	Control the motor's velocity
2	Handle Bars	Support to guide the equipment
3	Engine	Transmits movement to the equipment
4	Eccentric Element	Oil-cooled for long service life and vibration control
5	Belt Protection	Protects the operator from contact with the belt
6	Vibratory Base	Transmits vibratory movement for compacting
7	Kit Wheels	Facilitates equipment transportation



POS.	DESCRIPTION MPV 100	APPLICATION
1	Handle Bars	Support to guide the equipment
2	Motor Protection	Used to lift the equipment and protects the motor
3	Water Tank	It keeps water to compaction
4	Eccentric Element	Oil cooled to a utile life. It's responsible by vibration
5	Belt Protection	It protects the operator from belt contac
6	Vibratory Base	Transmits the vibration movement to compaction
7	Engine	Transmits the movement of the equipment
8	Kit Wheels	Facilitates equipment transportation
9	Accelerator	Controls the engine velocity



Application

The Vibratory Compactor Menegotti MPV70/100 are equipment designed for hark work in civil construction.

- The compaction occurs trough vibration generated by an eccentric element.
- Superficial compaction of sandy terrains, clayish and rocky terrains.
- Its usage is indispensable on the first part of a construction, preparing and compacting the terrain, after the usage of the soil compactor.
- Ideal for finishing work in the laying of blocks, paving stones, cobblestones, paving in general and asphalt paving repairs.

Benefits

- Accelerator in aluminum of high resistance
- Nodular Iron base with high resistance to vibration,
- Lower emission off pollutants with 4 times motor
- Comfortable equipment and of an easy operation.
- Equipment projected to a positive moving (towards front), making it go ahead automatically while compacting.

Working and Operating Conditions

- While using the equipment follow manufacturer's instructions as a way to reduce the risks.
- Attentively read the instruction manual
- Use the equipment according to the instruction manual
- Keep an area limit exclusively to work with the equipment, keeping this place always clean, with no obstructions and well illuminated.

Noise Level During Operation

Once the noise level during operation, adding clay and rock to simulate a minimum level of noise of 85 dB and a maximum of 100 dB, it is recommended to usage of ear protectors during long period application.

Individual Protection Equipment

The Individual Protection Equipment (IPE) should be used by the operators. For example: protection glasses, glove, ear protection, mask and special shoes.

Wear appropriate clothes to working conditions.

Always protect the skin against flammable products.



Do not ingest fuel or inhale its vapors, and avoid contact with skin. In the event of skin contact, wash the affected surface immediately. If the fuel comes into contact with the operator's eyes, rinse with water immediately and look for medical attention as soon as possible.



Before refueling, turn the motor off and wait for its cooling. The fuel is flammable and can cause risks to the operator. Turn the motor off, eliminate any fire risk.



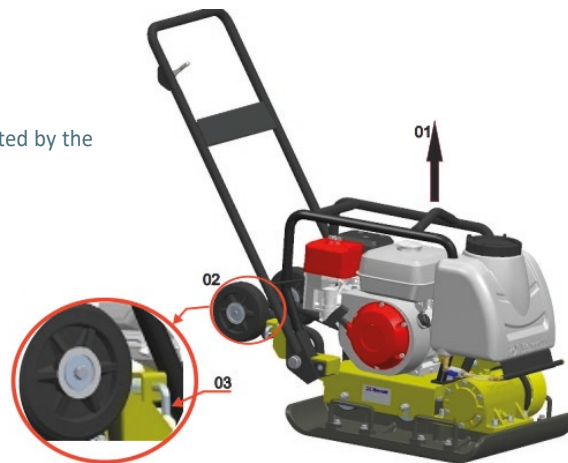
Do not smoke during fueling operation.
Always clean and fuel liking.

Lifting and Transport

The Vibratory Compactors must be lifted by the underside of the Motor guard, as represented by the vertical arrow (01).

Lifters should avoid sudden movements and shocks.

The Vibratory Compactors have a Wheel Kit that makes it easier to move the machine (02).
Pull the locking pin (03) to release the wheels.



Belt Alignment and Lubrification

On new equipments or after changing the belt, check the belt tension after 20 hours of use. Check and adjust the belt tension every 50 hours. Loose or worn out belts reduce the transmission efficiency causing weak compaction and shortening the belt's life (04).

- Loose the nut and screw from the belt's protection (01)
- Loose 4 screws that fix the motor's base (02)
- Loose the belts' lengthen (03) or tight and their need.
- Tight the tension screw to prevent motor sliding.
- Check if the pulleys are aligned. Position between both pulleys and regulate the motor until both are aligned (05).
- Adjust the belts so that when they suffer a slight pressure their deflection is between 10 to 15mm.
- Re adjust screws and nuts.

* The item 06 is a hole to check the belts' tension.

Be careful with belts' tension check, it must be done with the motor off.

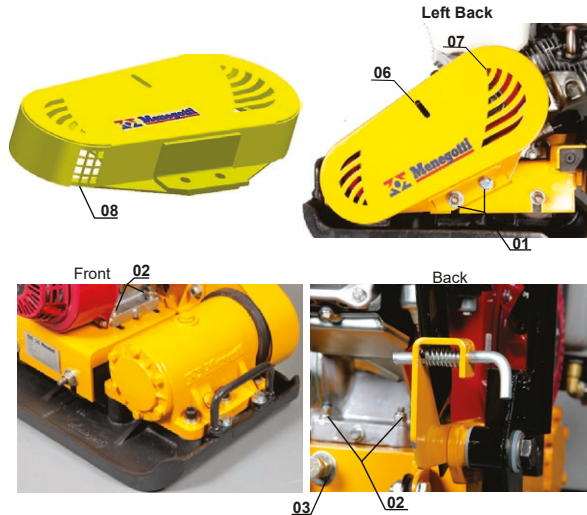
-The ventilation holes (07) and the motor pulley help to refrigerate an, consequently, enhance the life of the pulleys.

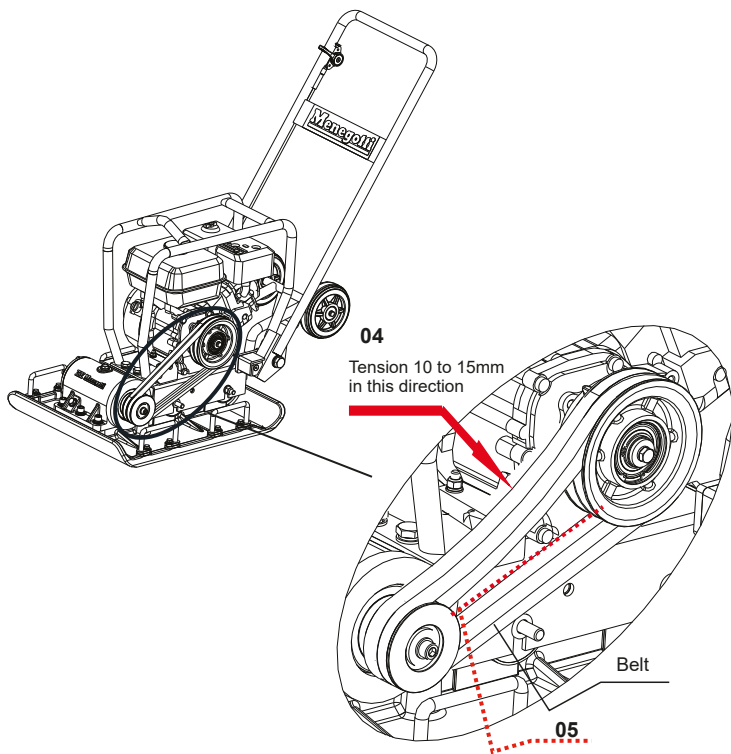
-Hole to eliminate dust and rocks (08)



CAUTION!

The belt tension check must be carried out with the engine switched off.





Belts with Moldede Teeth



The molded teeth make the belt more flexible, increasing its resistance to bending and also its contact area with the pulleys, providing greater traction in transmissions. They dissipate heat better when in operation and resist possible contact with oils, greases, etc.

Eccentric Element Lubrication

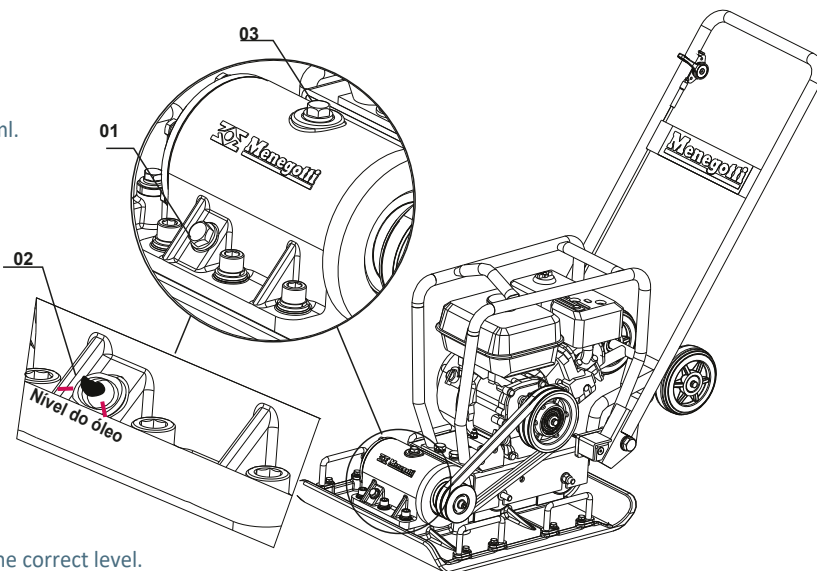
To check the oil level, place the unit on a flat surface.

Remove the plug (01) and check until the oil is visible (02).

Remove the oil every 50 hours (use SAE 20W50 oil).

To fill the oil, simply remove the plug (03) with a capacity of 200ml.

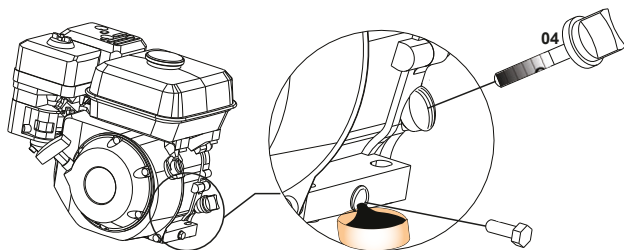
Note: For MPV100 remove the water tank.



Engine Lubrication

To verify the oil level

- Position the equipment on a flat surface.
- Check the oil level with the dipstick (04) and make sure it is at the correct level.
- To change the oil, simply remove the plug (05) 600ml reservoir capacity.
- We recommend changing the oil every 100 hours (use SAE 20W50 oil).



Obs.:

- Drain the oil while the engine is still warm.

Note: For environmental reasons, place a plastic container just below the engine drain to collect the old oil. Dispose of this old oil in accordance with current environmental legislation.

Equipment Operation

- This equipment may only be used for its intended purpose.
- This equipment may only be used by trained operators.
- The owners of this equipment must train and recommend safety instructions in accordance with local laws.
- Use suitable equipment to lift the product.
- Keep people and animals away from the equipment during use.
- Keep hands and feet away from the shoe.
- Before starting the equipment, assess how it can be switched off.
- Always switch off the engine before carrying out maintenance.
- The motor heats up during use; wait for it to cool down before touching it.
- Never remove or alter the safety guards, as they play an important safety role for the operator. Always check the state of repair of the equipment's protective bulkheads. If any of these are damaged or missing, do not use the equipment until they have been replaced or repaired.
- Do not operate the equipment if you are ill, tired or under the influence of alcohol.
- This equipment has been designed to eliminate any risk of accident. However, risks will always exist and can cause accidents and even death through improper use. If the operator finds himself in a risky situation, the equipment must be switched off immediately and the supervisor or person in charge must take measures to eliminate these risks. Any risk event or accident with the equipment must be reported to the manufacturer.

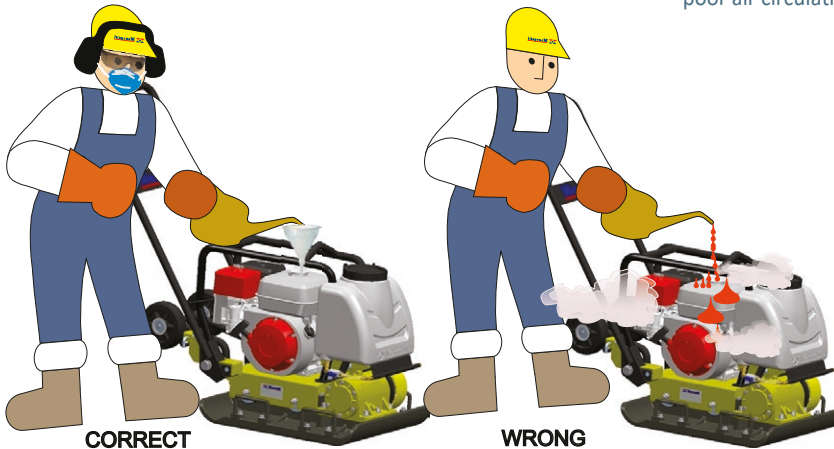
Start of Equipment Operation

The following initial inspection should be carried out before each operation of the equipment or after long hours of use. For more information, see the service and maintenance section. If one of the following items is found, the error must be corrected before using the equipment.

1. Check the equipment for any signs or defects, check that all bulkheads are in the correct position.
2. Check hoses, openings, drains and other areas for leaks.
3. Check the oil level and top up if necessary.
4. Check the fuel level and top up if necessary. Always use clean fuel. Using adulterated fuel can damage the fuel system, so make sure you fill up properly so as not to risk a fire, as shown in the figure below.
5. Check for oil and fuel leaks.
6. Check that the air filter is clean. Excessive dust in the filter will cause the engine not to work under normal conditions.
7. For equipment with a vibration system, check the oil level.



The exhaust gases produced by this equipment are highly toxic and can cause a risk of death. Do not operate this equipment in enclosed spaces or places with poor air circulation.



Troubleshooting

PROBLEMS	CAUSES	SOLUTIONS
1- Engine does not turn on	A) Fuel does not reach the engine	A) Open the fuel cap
	B) Engine key off	B) Turn on the engine key
	C) Dirty spark plug	C) Clean the spark plug
	D) Engine cold	D) Close choke
	E) Engine drowning	E) Open choke and pull starter rope
2- Equipment does not vibrate	A) Low engine rotation	A) Accelerate to high rotation
	B) Loose belt	B) Adjust tension of the belt
	C) Clogged filter	C) Clean engine filter
	D) Motion failure	D) Contact Menegotti Dealer
	E) Vibration failure	E) Contact Menegotti Dealer
3- Asphalt adheres to the base of the equipment	A) Poor lubrication	A) Use water
4- Surface in lumps	A) Over compaction	A) Remove and Replace
5- Low velocity level	A) Breed of very large compaction	A) Remove some of the materials
	B) High or low humidity	B) Remove material and adjust
5- Equipment compacts irregularly	A) Surface very hard	A) Stop the compacting immediately
	B) Damaged shock absorbers	B) Retighten shock absorbers

Operating the Vibratory Compactor

1. Accelerate the engine for rotation maximum to allow it to move forward.
2. When using the plate on sloping surfaces may be necessary to drag gently to behind it.
3. In downhill control plate.
4. Depending on the soil type 3 or 4 operators will be required.
5. Humidity is important for the compaction, the excess may harm the quality of the work.
6. If the soil is moist to allow dry before starting her compaction.
7. If the ground is very dry, wet to avoid the appearance of dust in this way improving the quality of compaction. This detail will also help to avoid maintenance of the engine air filter.
8. When compacting surfaces with stone, take the compactor base to avoid premature wear.



**Do not operate the equipment in a very rigid and hard surfaces.
The equipment will jump instead of vibrating and it can damage its base and motor.**

Routine Maintenance

The Vibratory Compactor Menegotti are developed for resistieren a long maintenance free.

It is important to keeping suggested this manual be followed carefully.

It is important that an authorized reseller Menegotti perform any type of maintenance.

Always use original replacement parts Menegotti to avoid loss of guaranteed.

Before making any kind of keeping separate the engine and disconnect the cable from sailing.

Always make the reading of the level of oil with the team positioned on a flat site.

Only use oleos recommended.

ROUTINE MAINTENANCE	DAILY BEFORE THE OPERATION	AFTER THE FIRST 20H	EVERY 2 WEEKS OR 50H	EVERY MONTH OR 100H	EVERY YEAR OR 300H
Check the fuel	X				
Check Oil Level	X				
Inspect fuel hoses	X				
Inspect air filter	X				
Check and fix screws	X				
Check belts tension		X	X		
Clean the air filter			X		
Inspect chock absorber			X		
Check the vibrator oil level			X		
Change the motor oil		X		X	
Clean water system				X	
Clean and check ignition				X	
Clean dust				X	
Adjust motor valva					X
Change vibrator oil					X

ON/OFF Procedure



Incorrect operation may bring risks. Read and understand this part before using the equipment.

Before turning on the equipment, check that the engine has the key in the ON position (01), OFF turns it off and ON turns it on and the accelerator is decelerated (02).

1. Completely open the fuel valve (03).
2. Set the throttle to the start position (exactly in the middle of the high position for low rpm), close the choke. Turn the choke 90° in the direction time to drown the equipment. In cold weather, start the engine with the choke completely closed. In hot weather, start the engine with the choke open or partially open (04).
3. Pull the starter rope until you feel slight resistance, then pull firmly and return the rope into the starter system (05).
4. If the engine fails to start, move the choke to the open position (04).
5. If the engine does not start after these steps, check if there is excess fuel in the spark plug, clean and replace the spark plug if necessary.
6. When the engine starts, allow the engine to warm up for a few minutes.
7. To begin the compaction operation, move the throttle to the high speed position (02). This step must be done quickly to avoid clutch defects.
8. Rotation adjustment must be done as follows:
Slow - 1600 ± 100 rpm.
High Rotation (Max) - 3600 ± 100 .

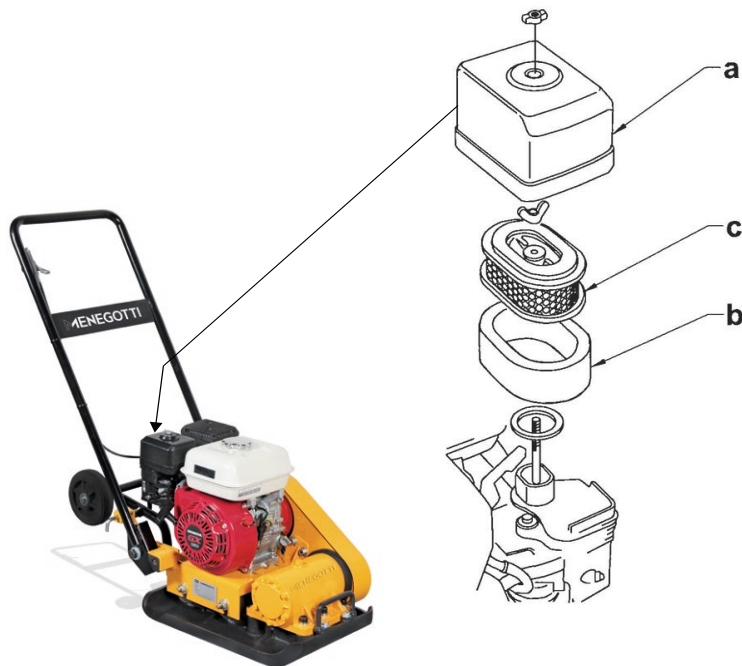


Air Filter

Never compacent engine without clean air filter. Serious problems can occur to the engine.

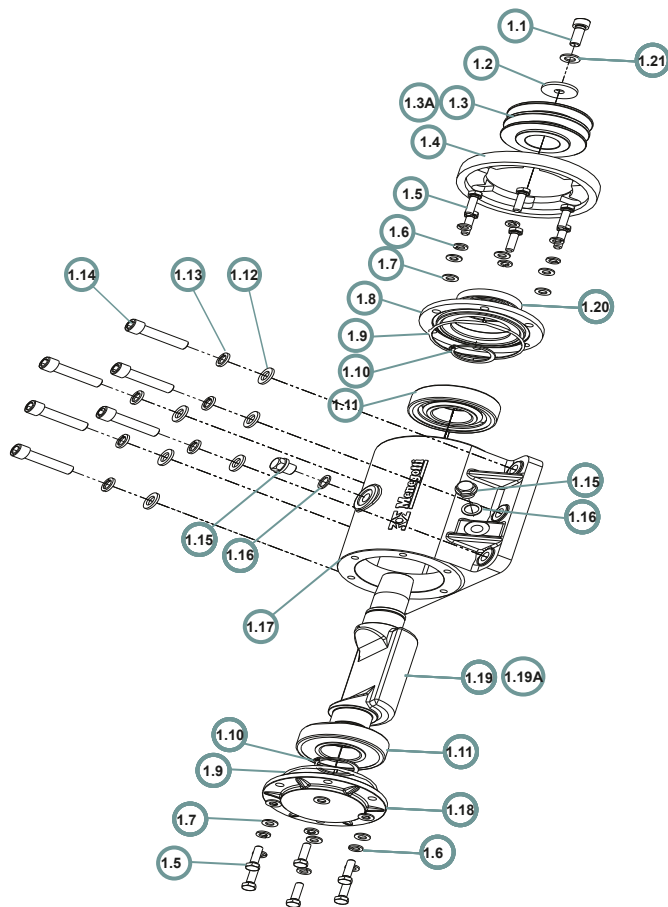
For maintenance of the air filter

1. Remove the air filter cover (a) Remove the two elements and inspect against holes and features. Reposition the defective parts.
2. Wash filter element (b) with a mixture of detergent and warm water. Rinse in clean water. Let the element dry naturally. Soak the element in drain oil and squeeze out the excess
3. Lightly shake the filter (c) to remove excess dirt. Replace the filter if the dirt is encrusted and does not come loose when shaken.



Parts List

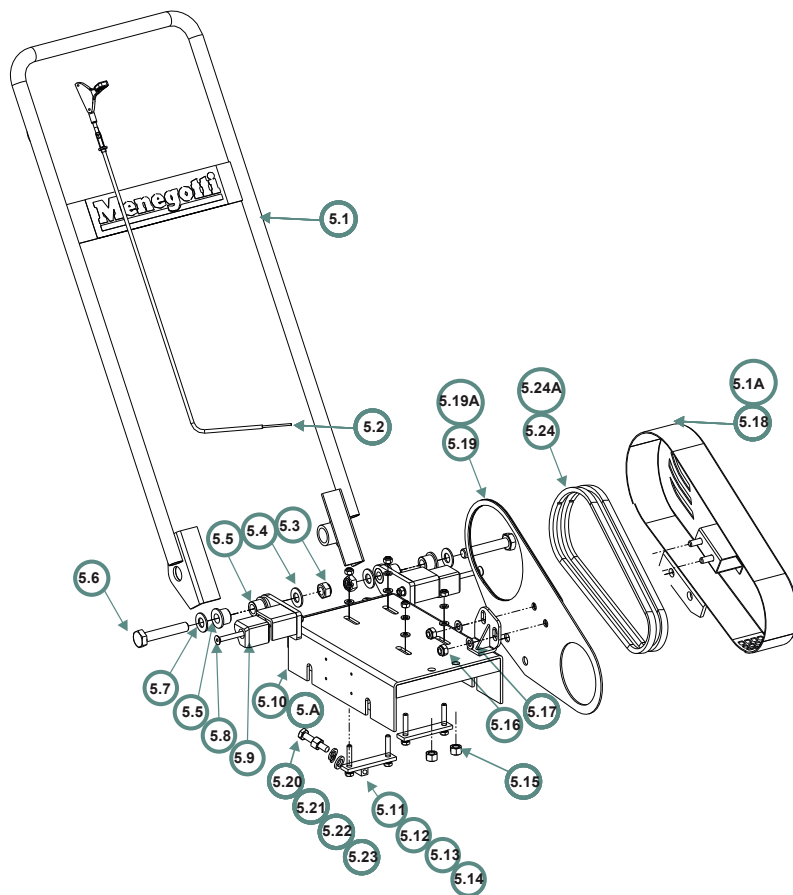
Eccentric Element MPV 70/100



POS.	KITS DESCRIPTION MPV 70/100	QTY.	CODE	DRAWING
-	Eccentric Element MPV70 Complete [Pos. 1.1 to 1.11 and 1.15 to 1.21]	1	32040240	3148011
-	Eccentric Element MPV100 Complete [Pos. 1.1 to 1.11 and 1.15 to 1.21]	1	32040242	3148012

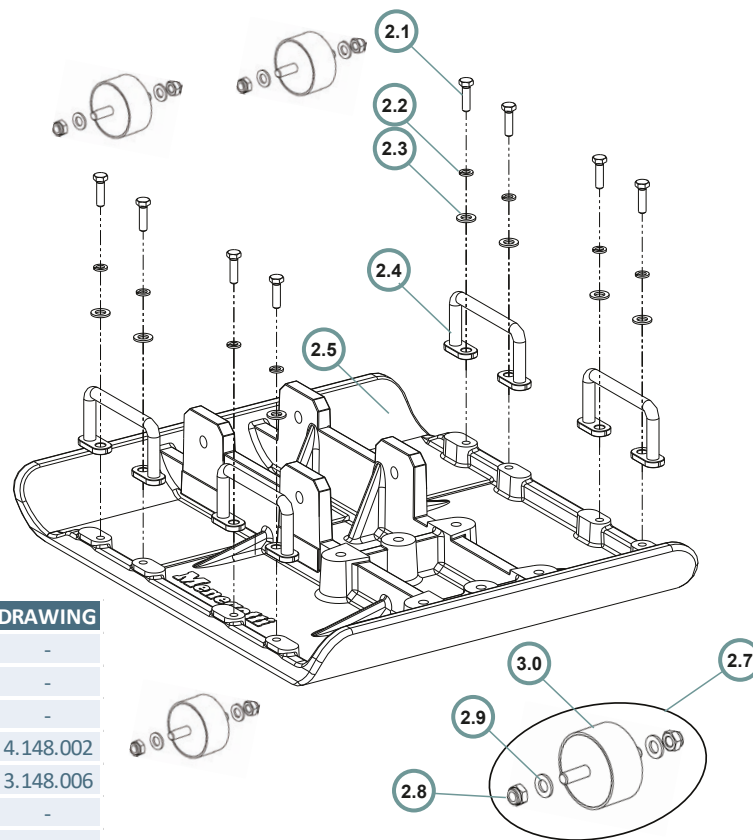
POS.	DESCRIPTION MPV 70/100	QTY.	CODE	DRAWING
1.1	Screw Hexagonal M10 x 35	1	29111095	-
1.2	Flat Washer 3/8" Diam. 36.5mm Zinc. Esp 4	1	21030235	-
1.3	Moved Pulley MPV 100	1	31090261	4.148.032
1.3A	Moved Pulley MPV 70	1	31090260	4.128.031
1.4	Rubber Flange	1	24030248	4.148.032
1.5	Screw Hexagonal M8 x 30 DIN 933	6	21012811	4.148.033
1.6	Spring Washer DN 8 DIN 7980Z	6	21030505	-
1.7	Flat Washer 8mm Galvanized	6	21030702	-
1.8	Front Cover	1	32250012	4.128.029
1.9	Sealing O-ring	2	29112121	-
1.10	Elastic Ring E-40	2	21060136	-
1.11	Rolamento 6308-Z	2	29110737	-
1.12	Flat Washer M12	6	29110907	-
1.13	Spring Washer DN 12mm DIN 127 Zinc	6	21030407	-
1.14	Screw Hexagonal M12 x 45	6	29110923	-
1.15	Oil Plug M14x1.5mm	2	29111105	-
1.16	Copper Sealing Washer	2	21030714	-
1.17	Excentric Housing	1	32250011	3.148.015
1.18	Back Cover	1	32250013	4.148.030
1.19	Shaft Eccentric MPV100	1	32250009	3.148.017
1.19A	Shaft Eccentric MPV 70	1	32250017	3.148.016
1.20	Retainer TC D35 x D65 x 12mm 4c	1	24010124	-
1.21	Flat Washer 3/8" Diam. 36.5mm Zinc. Esp 4	1	21030235	-

Handlebar and Base Assembly MPV 70/100



POS.	DESCRIPTION MPV 70/100	QTY.	CODE	DRAWING
5.1	Handlebar MPV	1	32270070	4.148.053
5.2	Accelerator	1	29112001	-
5.3	Self Locking Nut M-16 5,8 DIN 985 Zinc	2	21021209	-
5.4	Flat Washer DN 16 DIN 125	2	21030679	-
5.5	Handlebar Bearing Bush	2	25120124	4.148.057
5.6	Screw Hexagonal M8x70	2	21012857	-
5.7	Flat Washer DN 16 DIN 125	2	21030679	-
5.8	Screw Hexagonal M8x70	2	21014639	-
5.9	Rubber Stop	2	24030247	-
5.10	Engine Base MPV100	1	32610787	3.148.010
5.10A	Engine Base MPV70	1	3610786	3.148.009
5.11	Stretcher	1	32610788	4.148.024
5.12	Flat Washer 8mm Galvanized	4	21030702	-
5.13	Spring Washer DN 8 DIN 7980 Zinc	4	21030505	-
5.14	Self Locking Nut M-8 DIN 985 Zinc	4	21021205	-
5.15	Fastener M12	1	32610789	4.148.027
5.16	Self Locking Nut M-10 DIN 985 Zinc	2	21021206	-
5.17	Flat Washer DN 10 DIN 125	2	21030676	-
5.18	Pulley Protection Assembly MPV100	1	32610791	4.148.040
5.18A	Pulley Protection Assembly MPV70	1	32610790	4.148.036
5.19	Protection Closure Assembly MPV100	1	32610793	4.148.048
5.19A	Protection Closure Assembly MPV70	1	32610792	4.148.045
5.20	Screw Hex. RI M12x80 8.8	1	21012983	-
5.21	Hexagonal Nut M12 CL 8.8	1	21021116	-
5.22	Pressure Nut DN 12mm DIN 127 Zin	1	21030407	-
5.23	Flat Washer M12	1	29110907	-
5.24	V-Belt - AX - 31 MPV 70	2	22010109	-
5.24A	V-Belt - AX - 34 MPV 100	2	22010147	-

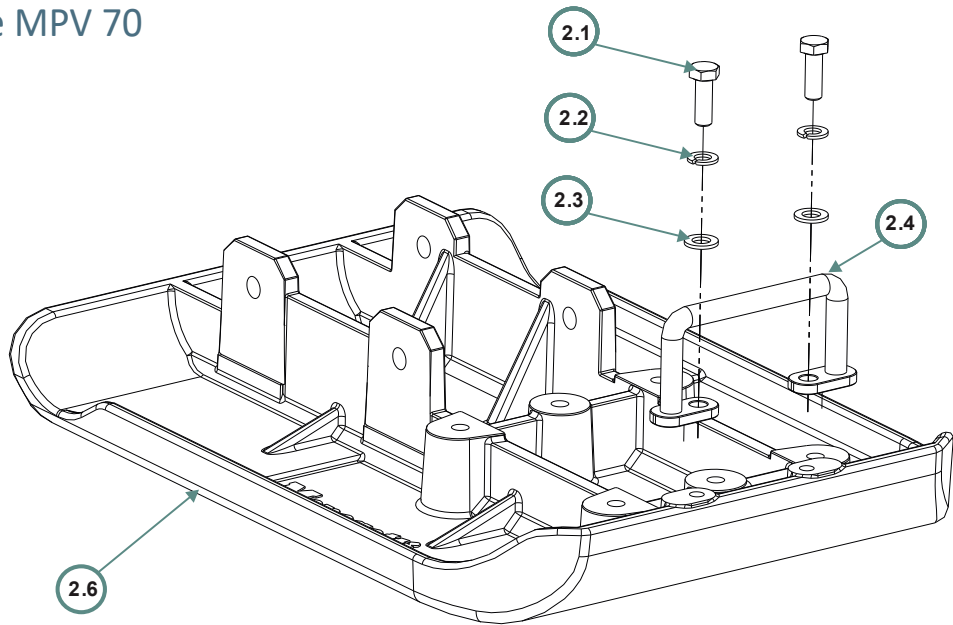
Vibratory Base MPV 100



POS.	DESCRIPTION MPV 100	QTY.	CODE	DRAWING
2.1	Screw Hex. M8x30 DIN 933	8	21012811	-
2.2	Spring Washer DN 7980 Zinc	8	21030505	-
2.3	Flat Washer 8mm Galvanized	8	21030702	-
2.4	Handle	4	32610794	4.148.002
2.5	Vibratory Base	1	32250014	3.148.006
2.7	Complete Cushion	4	32040237	-
2.8	Self Locking Hex. Nut M12x1,75 DIN985	8	21021207	-
2.9	Flat Washer M12	8	29110907	-
3.0	Cushion	4	N/A	-

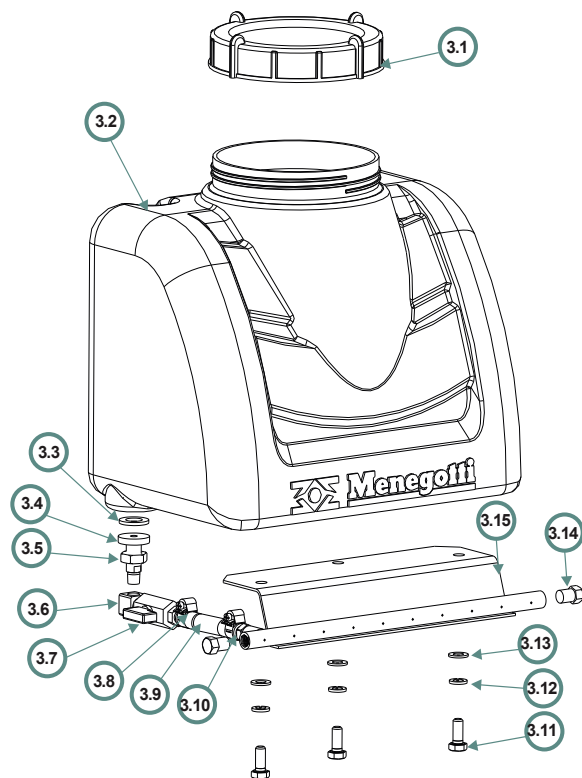
N/A: Item is not sold separately.

Vibratory Base MPV 70



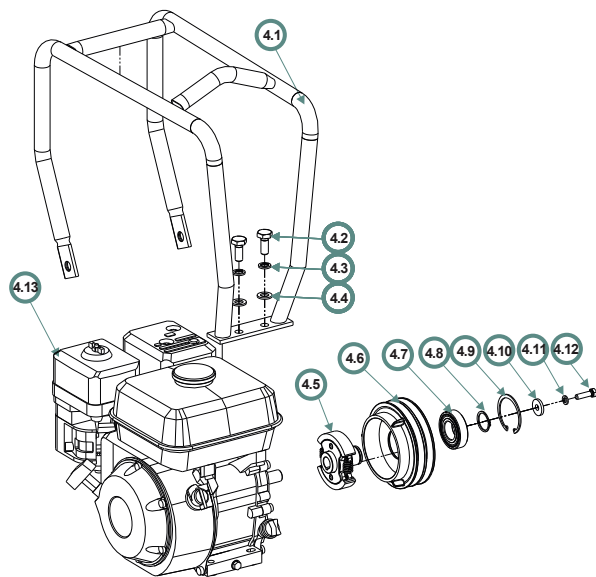
POS.	DESCRIPTION MPV 70	QTY.	CODE	DRAWING
2.1	Screw Hex. M8x30 DIN 933	8	21012811	-
2.2	Spring Washer DN 7980 Zinc	8	21030505	-
2.3	Flat Washer 8mm Galvanized	8	21030702	-
2.4	Handle	4	32610794	4.148.002
2.5	Vibratory Base	1	32250014	3.148.006

Sprinkler System Assembly MPV 100



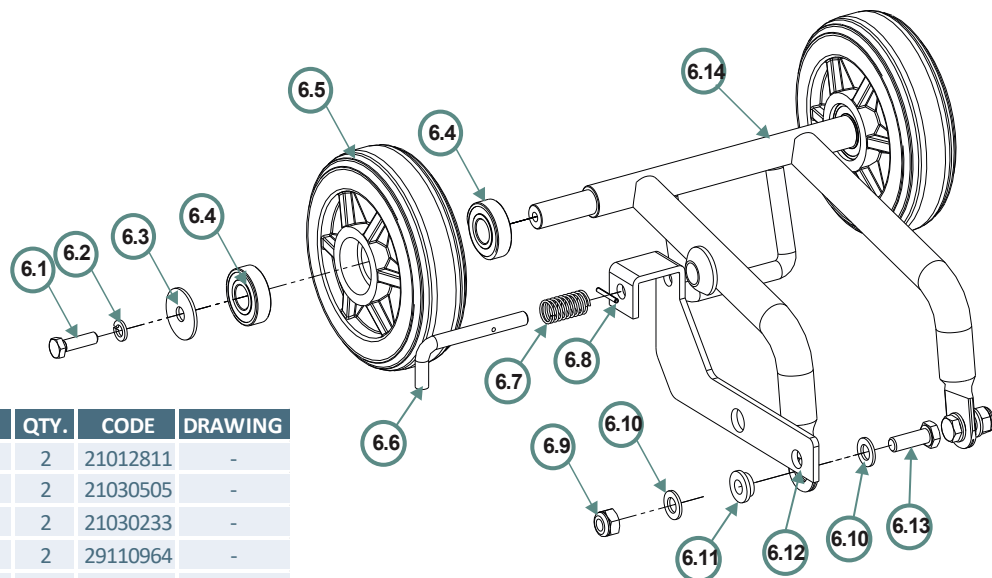
POS.	DESCRIPTION MPV 70/100	QTY.	CODE	DRAWING
3.1	Water Tank Cover MPV100	1	29121011	-
3.2	Water Tank MPV100	1	29121010	3.148.027
3.3	Flat Washer M12	1	29110907	-
3.4	Male Terminal M12 and 1/8 NPT	1	29112176	-
3.5	Brass nut M12 Thick 7mm	1	29112179	-
3.6	Female Short Elbow 1/8NPT/Male 1/4SPT	1	2911277	4.148.083
3.7	Female Register BSP Mini 1/4"	1	29111783	-
3.8	Endless Clamp D.Int 12-16mm	2	29754059	-
3.9	Braided Hose 3/8	1	25100209	-
3.10	Male Terminal 1/8 NPT x	1	29112100	-
3.11	Screw Hexagonal M8x20 DIN933	3	21012809	-
3.12	Spring Washer DN 8 DIN 7980 Zinc	3	21030505	-
3.13	Flat Washer 8mm Galvanized	3	21030702	-
3.14	Plug Hex. 1/8 NPT	2	29112098	-
3.15	Sprinkler Assembly MPV	1	32270074	4.148.073

Engine Protection and Engine MPV 100



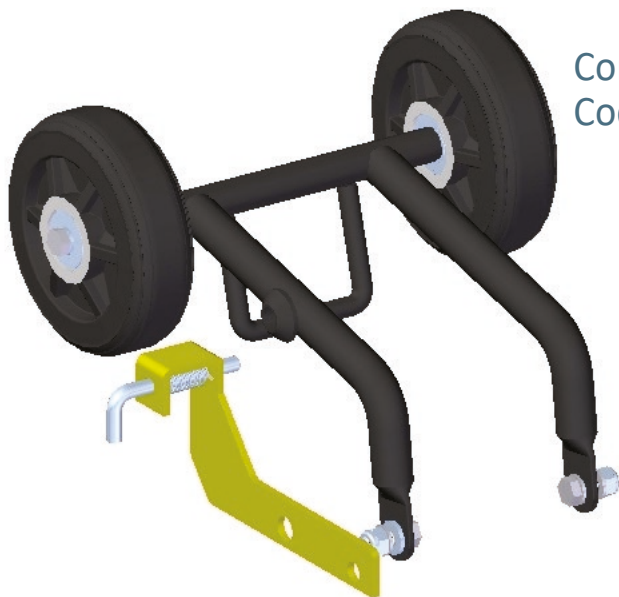
POS.	DESCRIPTION MPV 70/100	QTY.	CODE	DRAWING
4.1	Engine Protection	1	3148020	3.148.020
4.2	Hex. Screw M12X30 DIN933 CL8.8 Z	2	21012822	-
4.3	Spring Washer DN 12mm DIN 127 Zin	2	21030407	-
4.4	Flat Washer M12	2	29110907	-
POS.	DESCRIPTION MPV 70/100	QTY.	CODE	DRAWING
4.5	Clutch MPV 70/100	1	29112000	-
4.6	Engine Pulley MPV 70/100	1	32250010	4.148.034
4.7	Bearing 6206ZZ	1	29111771	-
4.8	Elastic Ring E-30	1	21060127	-
4.9	Elastic Ring I-62	1	21060254	-
4.10	Flat Washer Steel 3/8" x 27 x 4.0mm	1	21030236	-
4.11	Spring Washer DN 8 Zinc	1	21030505	-
4.12	Hexagonal Screw M8 x 30 Din 933	1	21012811	-
4.13	Honda Engine GX160 MPV 70/100	1	23040154	-

Kit Wheels MPV 70/100



POS.	DESCRIPTION MPV 70/100	QTY.	CODE	DRAWING
6.1	Hexagonal Screw M8x30 DIN 933	2	21012811	-
6.2	Spring Washer DN 8 DIN 7980 Zinc	2	21030505	-
6.3	Flat Washer 3/8" Diam. 36,5mm Zinc	2	21030233	-
6.4	Bearing 6203 ZZ	2	29110964	-
6.5	Wheel	2	4148066	4.148.066
6.6	Pin Lock	2	29121545	4.148.069
6.7	Spring Compression	1	21090310	-
6.8	Heavy Rubber Pin 3x24	1	21040181	-
6.9	Self Locking Nut M-10 DIN 985 (ZIN)	2	21021206	-
6.10	Flat Washer DN 10 DIN 125	2	21030676	-
6.11	Bearing Bush Kit Wheels	2	25120123	4.148.070
6.12	Support Wheel Lock	1	32270066	-
6.13	Hexagonal Screw M10x30 DIN 933 8.8 Zinc	2	21012816	-
6.14	Wheel Kit Arm Assembly	1	29121009	4.148.061

Optionals



Complete Wheel Assembly MPV 70/100
Code: 32270073

Sprinkler System Assembly MPV 100
Code: 32040244



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.

Term of Warranty

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. This equipment's warranty does not include components worn out by use, such as: bearings, steel cable, electrical plugs, gears and engine breaking.

This warranty includes the replacement of parts and repairs due to manufacturing defects duly noted by the factory or Authorized Technical Assistant. This warranty will be rendered null and void in the case of damages arising from accidents, acts of nature, application other than which it was designed, connection to improper electrical supply or subjected to extensive power fluctuations, or, if opened by persons or workshops not authorized by Menegotti.

The consumer will be responsible for freight expenses for transporting the product to the technical assistant or factory. The equipment includes and electric motor and this warranty covers internal defects in the motor originating from its manufacture. Defects not covered in this warranty include: overloading due to lack of or excessive phase, use of voltage outside that specified, broken or crushed casing due to negligence during transporting /or storage, coupling or energizing outside specifications and general defects from improper use and/or incorrect installation.

In agreement with these terms,

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

Customer *Menegotti Authorized Service*

Menegotti GROUP

Solid values, **sustainable future.**

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Unit • Unidat Mentec

José Theodoro Ribeiro, 2399 - Ilha da Figueira
Jaraguá do Sul - SC - 89258-468



Unit • Unidat Menfer

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Corupá - SC - 89278-000



Unit • Unidat MNA

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