

MENEGOTTI TECHNICAL MANUAL CONCRETE MIXER 600L HYDRAULIC

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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 Menegotti 600 liter hydraulic concrete mixer is a very simple piece of equipment designed for heavy work in the construction industry. AND composed of a simple drive transmission system, responsible for moving the drum (mixing system) and responsible for activating the hydraulic circuit which moves the bucket (supply system). This system is made up of a motor (electric, gasoline or diesel), motor pulley, belts, driven pulley, and hydraulic system to drive the bucket movement system. The concrete mixer 600 liters is a very robust product with a cast iron drum bottom, guaranteeing great durability to the product.

Safety Informations



- Before using this equipment, read this manual carefully and follow the manufacturer's instructions, as a way to reduce the risks of accidents in operation.
- It is expressly prohibited to alter or alter any safety device on the machine. We do not assume responsibility for any accident due to equipment alteration.



- Use the equipment according to the instructions in this manual.
- In case of damaged or missing parts, immediately contact Menegotti by phone/WhatsApp (47) 3275-8000 to replacing the same thing.
- With the machine turned off, carry out a daily inspection of the components. In case of problems, immediately contact the Menegotti authorized service.



- Maintain an exclusive area limit for working with the equipment, keeping the place always clean, without obstacles in the way and with good lighting.
- The operator must be trained or qualified to operate this equipment.



• Do not wear loose clothing, which could get caught in the machine.

• Always wear gloves, safety glasses and ear protectors in accordance with current regulations in the region of operation.

• Engines must be installed by qualified professionals.

• Carry out the maintenance requested by this manual with qualified people and within its frequency.



• Inspect all electrical extensions, especially for cuts, frayed cables and broken connections.

• Never use extension cords if they are not in good condition.

• Never operate extension cords when wet or in wet environments (e.g. puddles).

• When cleaning the equipment, never throw water on the engine or electrical parts.



• Whenever carrying out maintenance on this equipment, disconnect the power cable from the power supply.

• Avoid contact with hot surfaces.

• Before carrying out any activity or maintenance, let the engine cool down.

• Avoid contact with rotating parts.

Technical Specifications

SPECIFICATIONS	600L HYDRAULIC CONCRETE MIXER
Drum Capacity	600 Litros
Mixing Capacity	440 Litros
Final Mixture Yield	400 Litros
Drum Rotation	30 rpm
Bucket Capacity	490 Litros
Number of Cycles/Hour	15 ciclos/hora
Estimated hourly production	7,0 m3
Height	2463 mm (caçamba abaixada) / 3026 mm (caçamba levantada)
Length	2466 mm
Width	3042 mm (caçamba abaixada) / 2416 mm (caçamba levantada)
Net Weight (without engine)	958 Kg
MOTOR	
Electric Motor Power	7,5 HP 220 / 380V Trifásico
Combustion Engine Power	10 - 13 HP *
Electric Motor Power	220 / 380 V
Fuel Engine Combustion	Gasolina / Diesel

*factor depending on engine manufacturer, it is recommended to use 50% more power than the electric drive.

*check for availability and the instructions for altering the selection switch for the electricity supply.

Working and Operating Conditions

- The Menegotti concrete mixers can be used in in closed or open environments.
- When using a spade to load the mixer, the operator must not introduce it into the drum.
- The introduction of any object into the drum when it is in operation, can cause serious accidents.
- Any improper use or that outside the ambience this equipment was designed for, can constitute a physical threat to the operator and those in the immediate vicinity.
- When using this equipment follow the manufacturer’s instructions carefully, in order to reduce the risk of accidents when in operation.
- Use the equipment in accordance with the instructions in this manual;
- The operator must be trained or qualified to operate this equipment;
- Designate an exclusive area for working with the equipment, always keep it clean, free from obstructions and well lit;
- Whenever performing maintenance on this equipment, disconnect the supply cable from the power network.
- Tire calibration: 26 to 30 p.s.i

Noise Level During Operation

Since the noise level during mixer operation, with the addition of stone and gravel in the drum to simulate maximum noise level, can reach 95 dBA, the use of ear protection is recommended during prolonged operation.

EMPTY	FULL
80-81dBA	85-86dBA

Electrical Characteristics

Connecting the drive

The mono-phase drives come from the factory with 220V outlet, three-phase drives come from the factory with a connection for 380V. Always check if the supply voltage corresponds with the voltage on the identification plate. For machines without a voltage selector, always call an authorized technical assistant to perform any voltage outlet alterations. For machines with an automatic voltage selector, alter to the supply network voltage.

Electrical Extensions

The following table shows the appropriate conductor gauge for the use of electrical extension

GAUGE (mm²)	CONCRETE MIXER
4	600L

- Maximum electrical extension level should not exceed 30 m.
- Should there be a need for a longer extension consult a technician to select the proper gauge. A poorly dimensioned extension could result in fire
- **Do not forget to earth the product.**

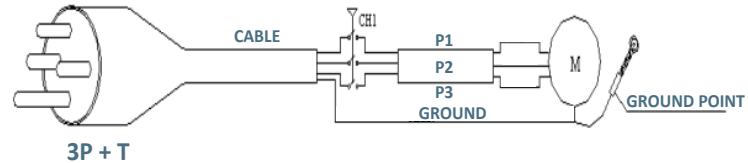
Equipment Without Drive

Concrete mixers without drive must present electric drive installation in accordance with factory original. Failure to install electric drive correctly can result in the risk of electrical shocks for the operator.

Material required for drive installation:

THREE PHASE

- On/off switch for 30 Amperes.
- 3P + T model plug
- PP 4x2.5mm² cable
- 1mm² earth wire
- Eyelet type terminal 6.5 hole diameter.
- Fork type terminal for 6mm diameter.



ATTENCION

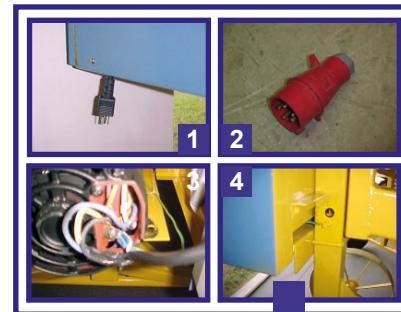
As shown in the electrical schemes, when passing through the electrical switch the earth wire must not be interrupted nor connected to the contacts.

- Correct earthing of the drive and the machine is vitally important to avoid the
- Only use plugs and sockets with connection for earth wire.
- Never connect the earth wire to neutral conductor
- The pinion protection shields must never be removed.

Equipment With Drive

Considering customer safety and satisfaction, Menegotti Indústria Metalúrgicas Ltda., through its design department, has improved the concrete mixer line in order to minimize operating risks of an electrical and mechanical nature.

- Three-phase plug with earth (three-phase drive) (fig. 2).
- Drive earth (fig. 3).
- Casing earth (fig. 4).



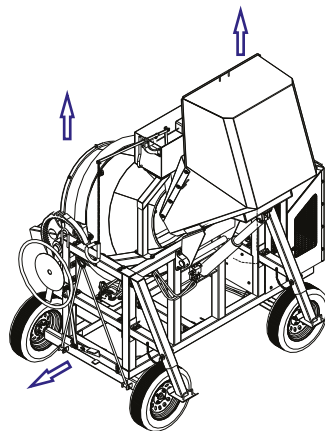
Lifting and Transporting

Lifting

The mixers must be lifted by the upper side of the frame, with the drum facing downwards, as shown (figure 5), lifting through the two lifting support points. Sudden movements and knocks must be avoided.

Transporting

When transporting the mixer, raise the bucket activating the cylinder, there is a safety valve to keep the cylinder in position.



WORK OPERATION

Place for Equipment Operating

Place the mixer on a flat firm surface, to facilitate the loading and unloading process. With the mixer in position, activate the telescopic stabilizing shoes using the adjustments for stabilizing the mixer in operation so that they are firm and stable. To compensate small gaps between the ground and the shoe use wooden wedges.



Before placing the machine in operation, first position the stabilizing shoes.

Running

1 - Check the hydraulic oil level on the tank indicator, if the level is low fill to maximum oil level.



Oil level must be checked with bucket lowered.

2- Open oil tank valve



Before switching on, always check tank valve position because if this is closed it can cause damage to the hydraulic pump preventing the hydraulic system from operating.

3 - Before switching on the drive (electric or combustion) perform the following procedure;

- For combustion drive; check oil and fuel levels as not supplied with drive. Activate the retractable start 3 to 4 times without starting the engine, this procedure is to pump oil into the hydraulic pump to lubricate it and thus prevent it from running dry and jeopardizing its performance.
- For electric drive; check the voltage before connecting to the supply. Activate drive rotation movement by switching it on and off. This will send the oil into the hydraulic pump lubricating its systems and preventing it from running dry.



Observe rotation direction shown on the hydraulic pump.

4 - After performing the above procedure, switch the drive on. Items number 5, 6, 7 and 8, only apply to machines that were transported disassembled for later assembly by the customer.

5 - Activate manual control to check circuit running and possible leakages. Repeat 2 to 3 times to fill the entire hydraulic circuit.

6 - Activate the control lever to raise the cylinder, leaving the rod in a fully extended position to remove air from the system. Loosen the screw using a 3/16" Allen wrench, turning about three times to start removing the oil, thus removing the air with it.

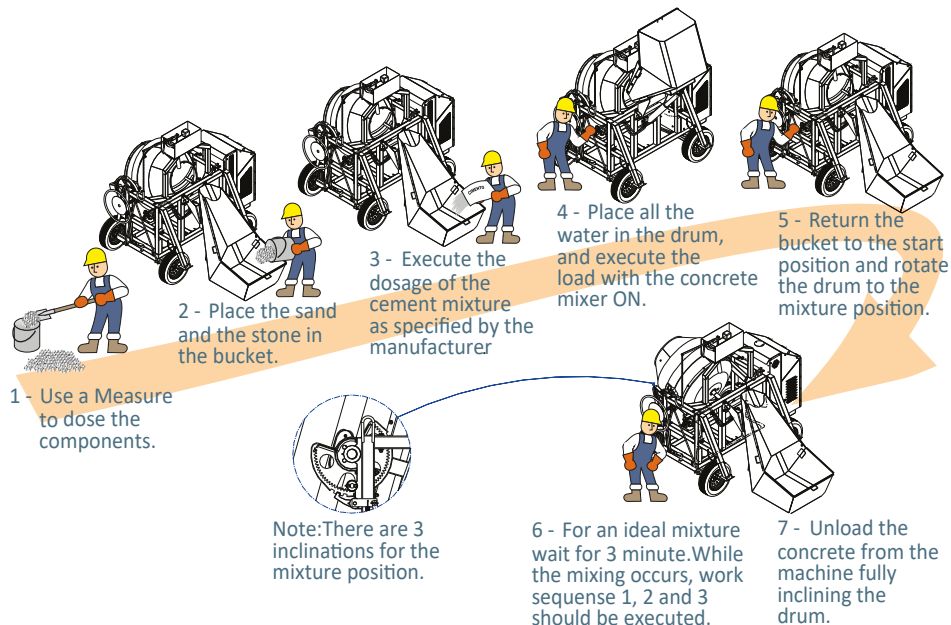
7 - Activate the cylinder with the vent open to lower and raise again. Once done, close the vent, tightening the screw well.

8 - Adjust pressure running cylinder to course end, keeping manual control lever activated, then adjust pressure screw located on the control until manometer registers 150 bar. Activate manual control lever to lower skip.

10 - Fully incline drum to skip side. This movement must be made by turning the wheel I clockwise, and stepping on the pedal at the same time, locking its rotation.

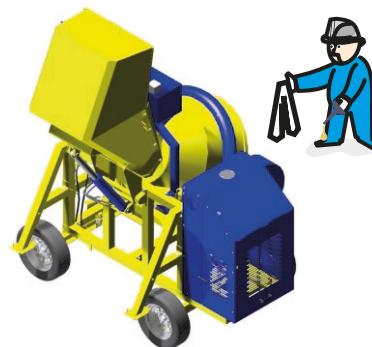
11 - For loading the mixtures in the machine, see diagram shown in item 3.3.

Equipment Utilization



Equipment Cleaning and Conservation

At the end of all work, clean the equipment especially the drum, removing all concrete lodged inside it; Take care not to wet the drive. Follow lubricating instructions for those parts containing greasers.



Lubrication

Keep all turning parts in the machine lubricated (with the help of greasers installed in the machine), such as: pinion, rack gear, bushings, bearings and ball bearings.

Lubricate the equipment in all lubrication points every 20 days.



RECOMMENDED GREASES



Esso . Beacon 2
Mobil . Mobilux 3
Shell . Shell Alvania R2
Texaco . Multifax EPO
Castrol . Graxa LM2
Atlantic . Litholine 2

Hydraulic Oil Specifications

HYDRAULIC OILS					
Normal operating conditions			Continuous operations in extremely low temperatures (-15°C and below)		
Brand	Type	ISO VG-68	Brand	Type	ISO VG-32
Texaco	HLP	Rando HD 68	Texaco	HLP	Rando HD 32
Shell	HLP	Tellus 68	Shell	HLP	Tellus 32
Mobil	HLP	AW 68	Mobil	HLP	DTE Excel 32
Esso	HLP	Nuto H 68	Esso	HLP	Nuto H 32

HLP : Oil additive to increase rust protection, resistance to aging and reduced scuffing.

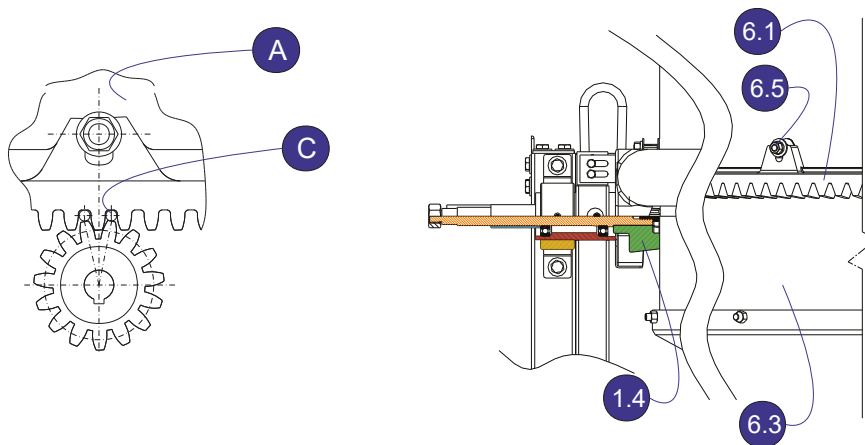


It has been decided that the disassembled machines will leave factory without hydraulic oil. Menegotti provides the oil in gallons of 20 liters, but they must be requested separately.

MAINTENANCE

- ⚠ ATTENTION:**
- Whenever there is a need to perform maintenance on the equipment, ensure that it has been completely disconnected from the supply source.
 - All equipment maintenance, whether electrical or mechanical, must be performed by authorized or qualified professionals.
 - Combustion drive maintenance must be performed according to drive manual

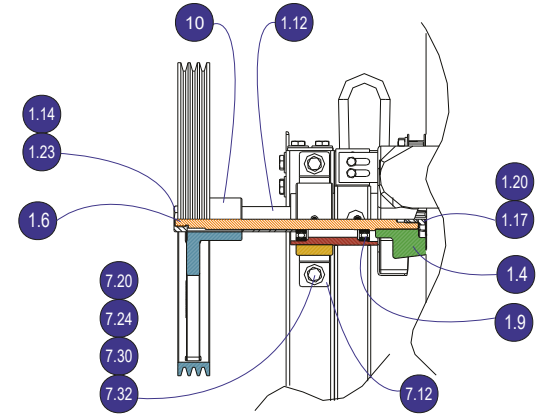
Replacing Rack Gear (6.1)



1. Remove screws (6.5) from the damaged rack gear (6.1), and replace it according to assembly recommendations;
2. Use two $\varnothing 5$ mm pins (C) to adjust the gap between teeth, necessary for the perfect running of the pinion and rack gear;
3. Adjust rack gear concentricity through reference face "A", compensating the difference with flat washers.

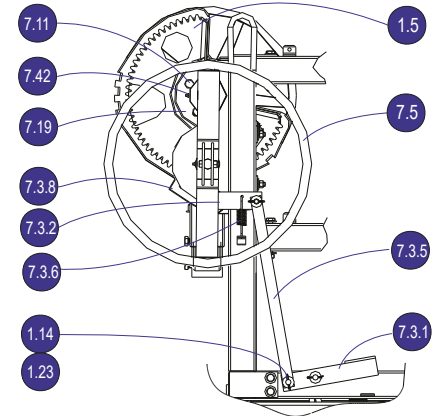
Pinion Replacement (1.4)

1. Proceed as described in item 4.6 to remove the drum (6.3), not requiring removal of rack gear.
2. Remove screw (1.17) and lock washer (1.20).
3. Draw out pinion (1.4), replacing the damaged part while observing adjustment described in item 4.1, if necessary, readjust.



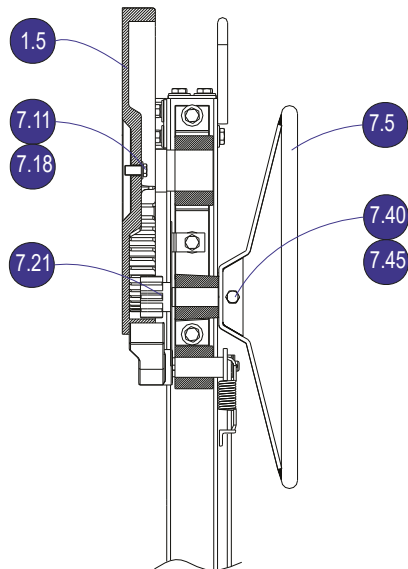
Replacing Internal Gear Support(1.5)

1. Position the drum vertically with steel yoke turned upwards and suspended by this. Use a block and tackle to help perform the service.
2. Remove the spring (7.3.6), and disconnect the bar (7.3.5).
3. Remove the screws (7.11) from the internal gear;
4. Remove the drive belts (11);
5. Remove the triple bearing (7.19);
6. Remove the screws from the triple bearing and the rear bearing;
7. Slightly tilt the suspension system to facilitate internal gear replacement and reassemble the system.



Wheel Shaft Replacement

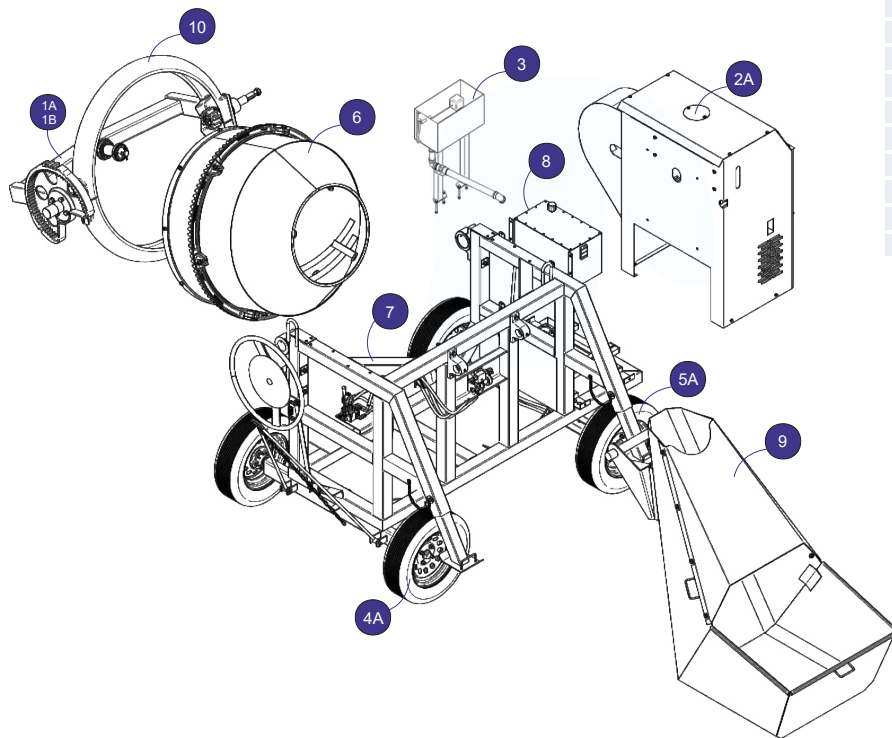
1. Remove screw (7.40) and wheel (7.5);
2. Position the drum so that the largest opening in the internal gear is in the same direction as the pinion (7.21);
3. Replace the damaged part and reassemble the system.



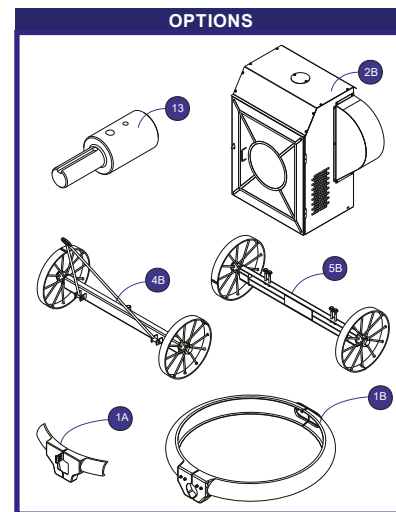
Drum Replacement (6.3)

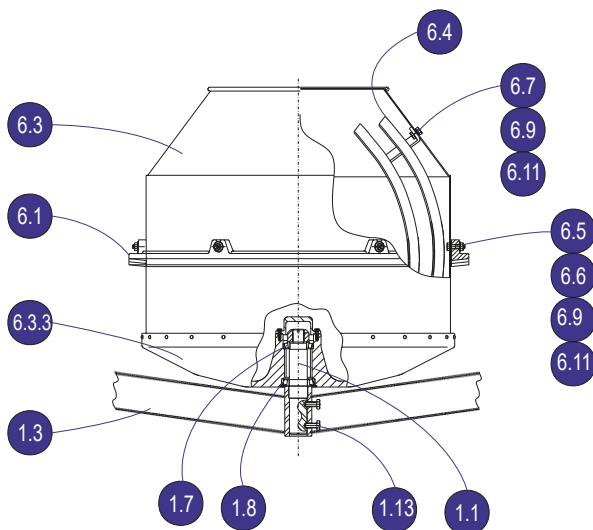
1. Remove the rack gear (6.1), by removing the fixing screws;
2. Remove the screws (1.13) that fix the drum (6.3) in the steel yoke;
3. Position the drum horizontally for manual removal, use a wooden trestle (or other support) to facilitate removal. Removal can be performed using a block and tackle, in this case, place the drum in vertical position.
4. Replace the damaged part and reassemble the machine, taking care to correctly position the fixing screws (1.13) aligned with the central shaft holes (1.1), according to recommendations for assembling rack gear, as shown in item 4.1.

Exploded View / Spare Parts

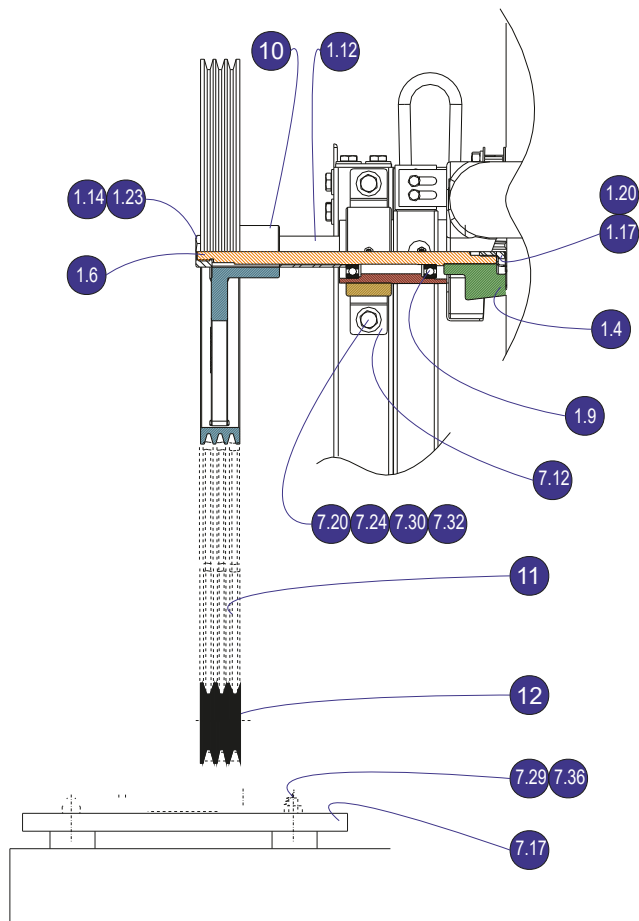


POS.	DESCRIPTION	QTY.	RESALE CODE	DES. N°
1A	Steel Yoke Kit	1	32460049	1.106.010
1B	Steel Yoke Ki	1	32460052	1.106.014
2A	Drive Box Kit (SONCAP)	1	34501065	2.108.186
2B	Drive Box Kit	1	24501066	2.106.051
3	Water Tank Kit	1	34501072	2.133.008
4A	Moving shaft Kit	1	31260072	3.114.063
4B	Moving shaft Kit	1	32610769	3.115.058
5A	Fixed Shaft Kit	1	31260073	3.114.061
5B	Fixed Shaft Kit	1	32610770	3.115.061
6	Drum Kit	1	34600067	2.107.049
7	Frame Kit	1	32420043	2.105.025
8	Hydraulic Kit	1	25010169	3.143.001
9	Bucket Kit	1	34601005	2.132.006
13	Coupling Shaft (SONCAP)	1	-	-

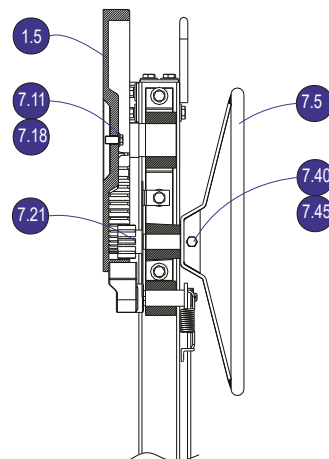
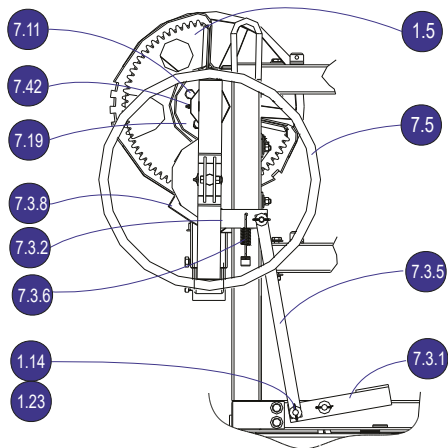




POS.	DESCRIPTION	QTY.	RESALE CODE	DES. N°
NATIONAL				
1.1	Central shaft	1	31020014	3.114.024
1.3	Steel Yoke	1	32460050	1.106.011
1.7	Conical bearing n° 30211	1	22020609	-
1.8	Conical bearing n° 30212	1	22020610	-
1.10	Castle nut 1.1/2" - UNC	1	29121248	-
1.13	Hex screw Ø5/8" x 1.1/2" - UNC	1	21010262	-
1.22	Cotter pin Ø 1/4" x 2"	1	21050108	-
6.1	Rack gear Z-110	1	31050004	2.124.008
6.2	Drum bottom lid	1	32070008	4.122.111
6.3	Drum (w ithout bottom)	1	34600007	2.107.020
6.3.3	Drum bottom	1	32250001	3.107.017
6.4	Mixing blade set	3	32240008	3.107.024
6.5	Hex screw Ø1/2" x 2" - BSW	12	21010313	-
6.6	Flat w asher 1/2"	18	21030250	-
6.7	Hex screw Ø1/2" x 1.1/2" - BSW	12	21013430	-
6.9	Lock w asher Ø1/2"	12	21030106	-
6.11	Hex nut Ø1/2" x 2" - BSW	12	21020206	-
EXPORT				
1.3	Steel yoke	1	32460050	1.106.011
6.1	Rack gear Z-110	1	31050004	2.124.008
6.3	Drum (assembled w ith bottom (6.3 + 6.3.3))	1	34600068	2.107.020
6.4	Mixing blade set	3	32240008	3.107.024



POS.	DESCRIPTION	QTY.	RESALE CODE	DES. N°
1.6	Pinion shaft	1	31020007	3114032
1.4	Pinion Z= 11 teeth	1	31030002	3123005
1.9	Ball bearing n° 6207 Z	2	22020223	-
1.12	Spacer bushing	1	30230225	4118051
1.14	Hex nut Ø1" - UNC	1	21020111	-
1.23	Lock w asher Ø1"	1	21030111	-
1.17	Hex screw Ø1/2" x 1"	4	21010409	-
1.20	Lock w asher	1	30030016	4.03.36
7.12	Rear bearing	1	31140004	3116011
7.17	Reg. rail Drive base	2	32140001	3112046
7.20	Flat w asher M12	3	29110907	-
7.24	Hex nut M12	-	-	-
7.29	Hex screw Ø3/8" x 2" - UNC	8	21010125	-
7.30	Hex screw M12 x 130	2	21021116	-
7.32	Lock w asher M12	2	21030407	-
7.36	Special flat w asher 3/8" (thickness 4mm)	24	21030235	-
10	Sheave	1	29110487	3122090
11A	Belt "V" A-96 (Combustion Engine)	3	22010178	-
11B	Belt "V" A-96 (Electrical Motor)	2	22010178	-
12	Driven pulley – combustion drives (Blanco, Lombardine, Toyama)	1	31090204	403532
-	Driven pulley – combustion drive (Hatz 1D81S11)	1	31090233	3109038
-	Driven pulley – electric drive (Weg with DIN FC flange)	1	31090200	403524
-	Driven pulley with Key DN78x95mm	1	3109086	3109086
-	Key 8x7x30mm	1	30169012	45019

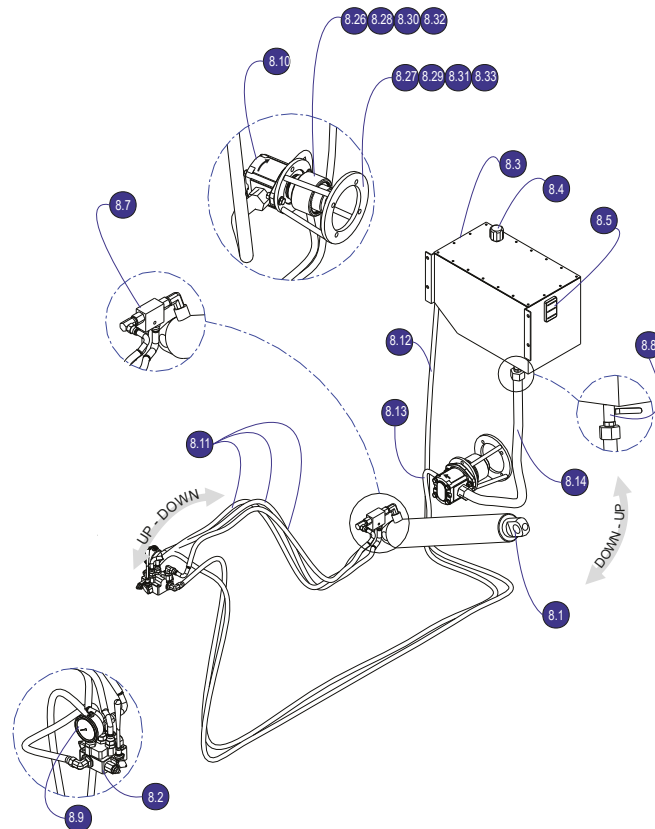


POS.	DESCRIPTION	QTY.	RESALE CODE	DES. N°
1.5	Internal gear	1	31050005	3124001
1.11	Hex screw . Ø5/8" x 1.1/4" - UNC	4	21010272	3123005
1.18	Lock w asher 5/8"	4	21030108	-
7.5	Wheel	1	31200009	3110036
7.21	Assembled pinion	1	31030022	3123002
-	Pinion shaft	1	31020267	3114020
-	Pinion Z = 9 teeth	1	31030023	3123003
-	Taper key 8 x 7 x 30mm / tipo A	1	30169012	4.50.19
7.3	Pedal set			
7.3.1	Pedal	1	31190001	4122101
7.3.2	Lock	1	30030005	4117001
7.3.3	Flat w asher 5/8"	2	21030208	4122016

POS.	DESCRIPTION	QTY.	RESALE CODE	DES. N°
7.3.4	Cotter pin Ø3/16" x 1.1/2"	3	21050106	-
7.3.5	Pedal transmission bar	1	30380005	4117019
7.3.6	Traction spring n°2	1	21090101	2.03.11
7.3.7	Taper key 8 x 7 x 45mm / type A	1	30169006	4.50.24
7.3.8	Internal gear lock	1	30030005	4117001
7.11	Hex screw . Ø5/8" x 1.1/4" - UNC	4	21010261	
7.18	Lock w asher Ø5/8"	4	21030108	
7.19	Triple bearing	1	31140072	3116010
7.40	Hex screw Ø1/2" x 2" - BSW	1	21010313	
7.42	Greaser Tipo LUB Ø1/8" - BSP	9	24040101	
7.45	Self-locking hex nut	1	21021070	-



POS.	DESCRIPTION	QTY.	RESALE CODE	DES.N°
HYDRAULIC KIT				
8.1	Single Action Hydraulic Cylinder	1	25010170	
8.2	Hydraulic Control	1	25010171	
8.3	25 Liter Tank - RH25ESP	1	25010172	
8.4	Air Filter 1/2" BSP	1	25010173	
8.5	Level Visor - LN 40	1	25010174	
8.6	Suction Filter - S 314	1	25010175	
8.7	Single Piloted Retaining Valve (w ith nozzle)	1	25010176	
8.8	Full Ball Valve - 3/4" NPT	1	25010177	
8.9	Manometer - MAD25014NG63R	1	25010178	
8.10	Hydraulic Pump 4 cm ³	1	25010179	
HOSE SET				
8.11	Hydraulic Hoses R2AT 3/8" x 1.000mm	3	25100149	
8.12	Hydraulic Hoses R2AT 3/8" x 3.400mm	1	25100150	
8.13	Hydraulic Hoses R2AT 3/8" x 3.000mm	1	25100151	
8.14	Hydraulic Hoses R2AT 3/4" x 650mm	1	25100152	
ASSEMBLY CONNECTIONS				
8.15	Straight Adaptor 9/16 JIC x 1/2 NPT (2404 6-8) / (tank outlet and pump pressure)	2	25010180	
8.16	Female Elbow x Female 1/2" NPT x Female 1/2" NPT (5504 8-8) (tank return)	1	25010181	
8.17	Straight Adaptor 3/4" NPT x 3/4 NPT (5404 12-12) (tank / Ball valve suction)	1	25010182	
8.18	Straight Adaptor 1.1/16" JIC x 3/4"NPT (2404 12-12) (ball valve / hose suction and pump suction)	2	25010183	
8.19	Reduction bushing 1/2" NPT x 3/4" NPT (5406 8-12) (pump pressure)	1	25010184	
8.20	Manometer Adaptation Bushing 1/4" NPT x 3/4" UNF (550-8) (manometer)	1	25010185	
8.21	Orienable elbow adaptor 9/16" JIC x 3/4" UNF (68016-8) (P1 / T1 / T2 control)	3	25010186	
8.22	Straight Adaptor 9/16" JIC x 3/4" UNF (6400 6-8) (A / B control)	2	25010187	
8.23	Curved Adaptor 90° 9/16" JIC x 3/8" NPT (25016-6) (piloted retention)	1	25010188	
8.24	Straight Adaptor 9/16" JIC x 3/8" NPT (2404 6-6) (piloted retention)	2	25010189	
8.25	Adaptor 3/8" NPT x 1/2" NPT (5404 6-8) (piloted / cylinder retention)	1	25010190	
8.26	Nozzle 1,5 mm (retaining valve return)	1	25010191	
COUPLING ASSEMBLY FOR ENGINE				
COUPLING ASSEMBLY FOR ELECTRIC ENGINE				
8.26	AE 28 Electric Shaft Coupling	1	29750109	003.01.027
8.27	Pump Flange	1	23030161	3.122.095
COUPLING ASSEMBLY FOR COMBUSTION ENGINE(BRANCO, TOYAMA, LOMBARDINI)				
8.28	AF46 Shaft Coupling	1	22100108	4.143.002
8.29	Pump Flange	1	23030161	3.122.095
COUPLING ASSEMBLY FOR COMBUSTION ENGINE(HATZ 1D81S11)				
8.30	AF46 Shaft Coupling	1	22100107	4.143.001
8.31	Pump Flange	1	23030160	3.122.098
COUPLING ASSEMBLY FOR GASOLINEENGINE(HONDA GX 390 13 HP)				
8.32	AF46 Shaft Coupling	1	22100108	4.143.002
8.33	Pump Flange	1	23030161	3.122.095



CONCRETE MIXER WITH MOTOR PROTECTION INACCORD TO SONCAP STANDARD.

This machine meets Soncap Standards, containing protections in the motor box and warning stickers.

Below model of stickers and respective meaning:



Electricity



Hot Surface



Crush

Amperage of Mono-phase and Three-phase Motors.

Power(CV)	Amperage			
	Mono-phase			
	50Hz		60Hz	
	110V	220V	110V	220V
2,0 CV (4Poles)	27,6A	13,8A	27,6A	13,8A
1,0 CV (4Poles)	18,7A	7,7A	18,7A	7,7A
1/2 CV (4Poles)	6,4A	3,10A	6,4A	3,10A

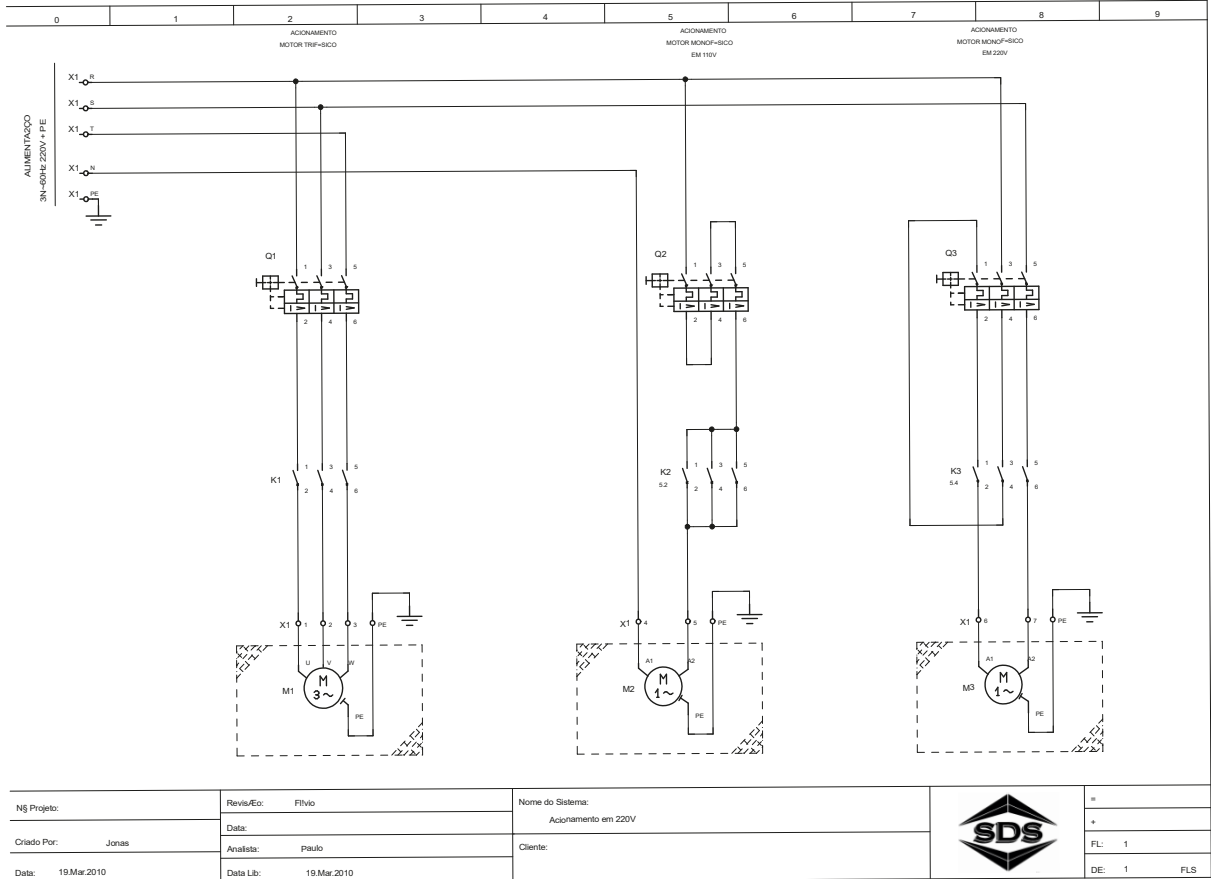
Power(CV)	Amperage			
	Three-phase			
	50Hz		60Hz	
	220V	380V	220V	380V
7,5 CV (4Poles)	20,0A	11,6A	20,0A	11,6A
2,0 CV (4Poles)	6,48A	3,75A	6,48A	3,75A
1,0 CV (4Poles)	3,56A	2,06A	3,56A	2,06A

Protection against short circuit

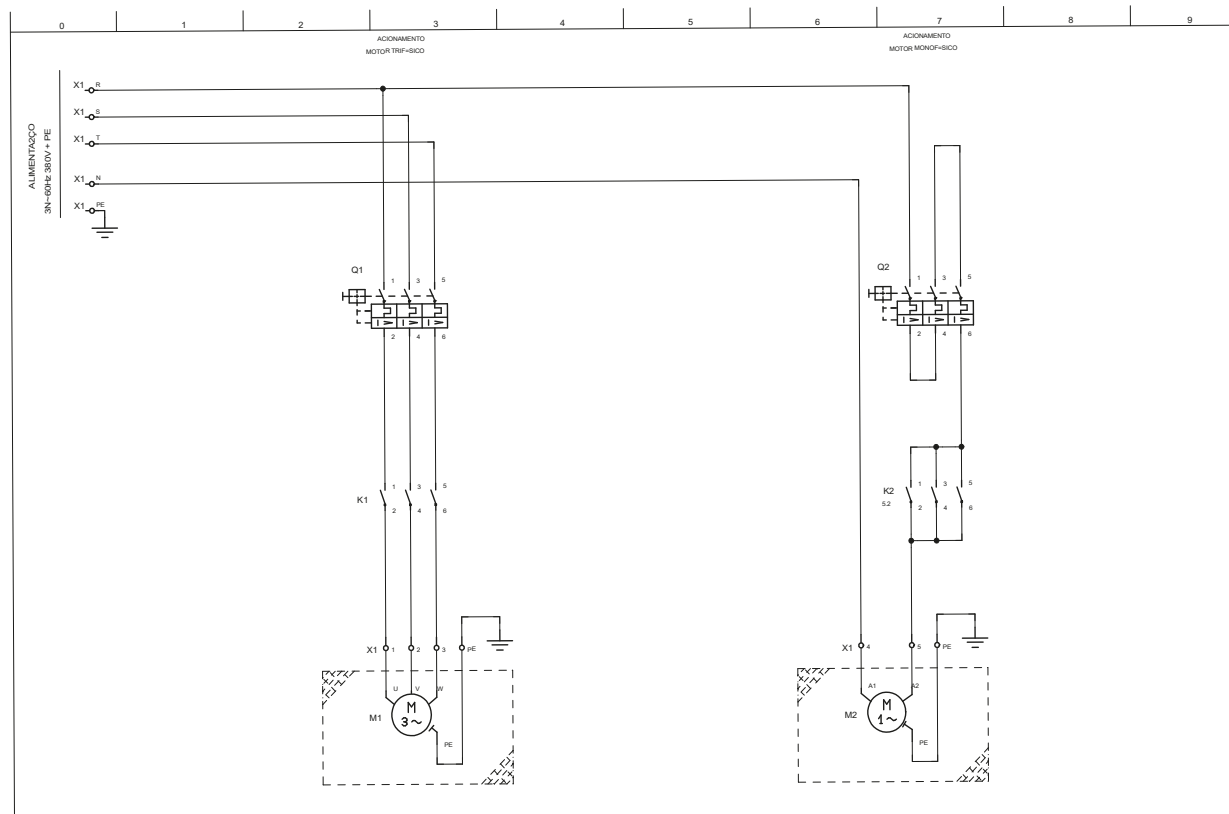
Power(CV)	MotorSwitch							
	Mono-phase				Three-phase			
	50Hz		60Hz		50Hz		60Hz	
	110V	220V	110V	220V	220V	380V	220V	380V
7,5 CV (4Poles)	xxx	xxx	xxx	xxx	MPW25-3 U020 16-20 10409820	MPW16-3 U016 10-16 10127978	MPW25-3 U020 16-20 10409820	MPW16-3 U016 10-16 10127978
2,0 CV (4Poles)	MPW25-3 U032 25-32 10410323	MPW16-3 U016 10-16 10127978	MPW25-3 U032 25-32 10410323	MPW16-3 U016 10-16 10127978	MPW16-3 U010 6,3-10 10127977	MPW16-3 U004 2,5-4,0 10127980	MPW16-3 U004 6,3-10 10127977	MPW16-3 U004 2,5-4,0 10127980
1,0 CV (4Poles)	MPW25-3 U020 16-20 10409820	MPW16-3 U010 6,3-10 10127977	MPW25-3 U020 16-20 10409820	MPW16-3 U010 6,3-10 10127977	MPW16-3 U004 2,5-4,0 10127980	MPW16-3 D025 1,6-2,5 10127981	MPW16-3 U004 2,5-4,0 10127980	MPW16-3 D025 1,6-2,5 10127981

Ps.: Data table based on WEG Motor, for different motors must be re-dimensioned a proper motor switch.

(Mono-Phase) Motor Switch Electrical Scheme



(Three-Phase) Motor Switch Electrical Scheme



Data:

Nº Projeto:	Revisão: Flvio	Nome do Sistema: Aacionamento em 380V		="
	Data:			+
Criado Por: Jonas	Analista: Paulo			FL: 1
Data: 19.Mar.2010	Data Lib: 19.Mar.2010	Cliente:		DE: 1 FLS



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, being: the first 3 (three) months of legal guarantee, and the last 9 (nine) months a special warranty guaranteed by Menegotti, counted from the invoice issue date of the first final consumer. Not included in this equipment warranty are components subject to wear through 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.**

REV. 08 | APRIL/2024

MENEGOTTI
HANDLING

MENEGOTTI
CONSTRUCTION

MENEGOTTI
HOUSE & GARDEN



Unit • Unidad Menmaq

Erwino Menegotti, 381 - Água Verde
Jaraguá do Sul - SC - 89254-000



Unit • Unidad Mentec

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



Unit • Unidad Menfer

Saude, 186 - Seminário
Corupá - SC - 89278-000



Unit • Unidad MNA

248 E Crogan St STE 301 - Lawrenceville - GA
30046 - United States

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