



Warranty Terms

A - By the present CERTIFICATE provided from original purchaser, Menegotti guarantees this product against manufacturing defects, for a period of 6 (six) months, being: the first 3 (three) months of legal guarantee, and the last 3 (three) months a special warranty guaranteed by Menegotti, counted from the invoice issue date of the first end consumer.

B - This warranty embodies parts changes and repairs against manufacturing problems verified by the company or Authorized Technical Assistance. The product will lose its warranty if the damage was created by accidents, natural agents, non specified application, improper electrical source, energy oscillation or when it is opened by someone unauthorized.

C - The cost of shipping the product to the factory or assistant coach shall be borne by the consumer. The Menegotti has an extensive network of Technical Assistants throughout the country.

D - If the equipment was purchased with electrical motor the warranty covers internal defects of the motors on their fabrication. Warranty won't cover: phase overload, unspecified tension, broken or damaged carcass due to wrong freight or storing, not specified energy use and general defects due to wrong use and/or wrong connection.



Important Hints

- Before connecting the hydraulic cutter to the source check the tension;
- Do not operate the machine next to flammable products;
- Do not exceed the maximum cut diameter of the equipment; and
- While operating the cutter wear leather gloves and safety glasses.

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We reserve the right to alter any product characteristics without prior notice.

24050248 R5



PREMIUM HYDRAULIC CUTTER MCP



MENEGOTTI
MÁQUINAS PARA CONSTRUÇÃO CIVIL



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NOTA:



5. MAINTENANCE AND REVIEW

1-Verify the oil level. If the power is not enough, it is mainly caused by the hydraulic oil's pressure, before operating the machine verify the oil's level;

2-Totally substitute the oil when the changing is needed. The oil to be changed must be hydraulic ISO Vg46;

3.Fix the steel bar (remember that the maximum diameter can't be over 25mm), connect the cable, turn the switch on and make the piston move approximately 5mm ahead, turn the switch off and make the piston stop. Sometimes an air bag can appear in the piston's interior, so, it will be necessary to adjust the oil level;

4-To adjust the oil level, put the filling hole up, remove the screw and pour the oil until the hole is filled. When the machine is too hot, do not open the screw, sometimes the oil can pour out. Operate the unit in normal temperature;

5-To substitute the oil, remove the screw, turn the machine and empty it, then add the new oil through the filling hole, in this machine the total oil capacity is 280ml. When it's filled, out the x=screw and tight it;

6- When there is enough oil, but the machine's power is not right, it may be the bomb's parts, they can be damaged. In this case, it's necessary to substitute to bomb for a new one;

7-Regularly clean the metal shavings. While cleaning, disconnect the power and wear leather gloves. Pay attention to safety topics;

8-Verify the cut plaque; tighten the screw before operating the machine. While cutting, if the screw is loose or the plaque is seriously damaged not only the piston will be damaged but it won't be safe. Immediately substitute it;

9-Check carbon brush detail (02) when the power is not correct. If the engine gets too hot, check them. Check the carbon brushes is the length of the cut is 5 mm or if the use time is approximately 200 hours;



10- Verify the machine before operating it. If spare parts' substitution is needed, please get in touch with technical assistance.



1. INFORMATION

1.1 Manufacturer's Identification

Menegotti Machines for Construction Ltda. (Menmaq) is a Menegotti's Group Company located in the city of Jaraguá do Sul, Santa Catarina State/Brazil. Menmaq is leader in the production of mixers, tools and machinery for civil construction.

1.1 Machine's Identification

Menegotti's Hydraulic Cutter is projected to realize the most demanding tasks. Developed to steel/iron bars' cut tasks with up to 25mm of diameter, not working with hardened steel/iron. It's indispensable equipment in the field while preparing columns and girders.

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

1.2 Manual's Application

This manual must be completely read before any operation. On it there is useful information about the product, manufacturer, safety, replacement parts, maintenance and conservation. Keep this manual, on a proper place, so it may be consulted when necessary.

1.4 Safety:



- Before using this equipment, carefully read this manual and follow the Manufacturer's instructions, such as how to reduce the risk of accidents in operation.
- It is expressly prohibited to remove or alter any safety device or characteristic, should this occur Menegotti will not be held responsible.
- Use the equipment according to the instructions in this manual;



- In the case of damaged or missing pieces, contact the Menegotti by phone at +55 47 3275-8000 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.



- Maintain 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 motors must be installed by qualified professionals;
- Perform the maintenance recommended in this manual with qualified people and within the stipulated periods;



Clean the area and guarantee that it presents the safety operation standard. Verify if the screw are properly fixed. Use a combined wrench of Tellep wrench to tighten them.

This machine follows the technical parameters, exposed ahead; do not exceed its maximum capacity of cut.



Pre heat the unit, with low temperatures, sometimes the hydraulic oil cools and it makes it difficult to turn the machine on, before operating it let it working for about 30-60 seconds to heat it.

Before operating the unit, verify if there is enough oil. This machine works on hydraulic pressure so if the oil level is low its revenue won't be complete. On the other hand, if the temperature is over 70°C the cut won't be satisfactory, turn it off for a while.



Especially the bomb, aluminum made, will cause heating.

Do not cut steel bars that are too short, the cut's longitude shouldn't be smaller than 20cm, as shown in pic. 01.

Be careful while cutting the steel bar in order not to allow people near it as •

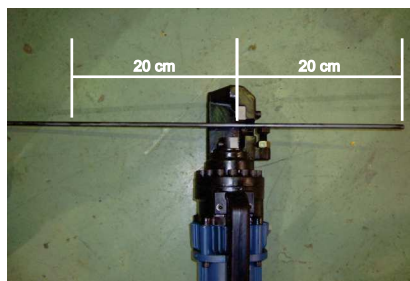


Fig.01

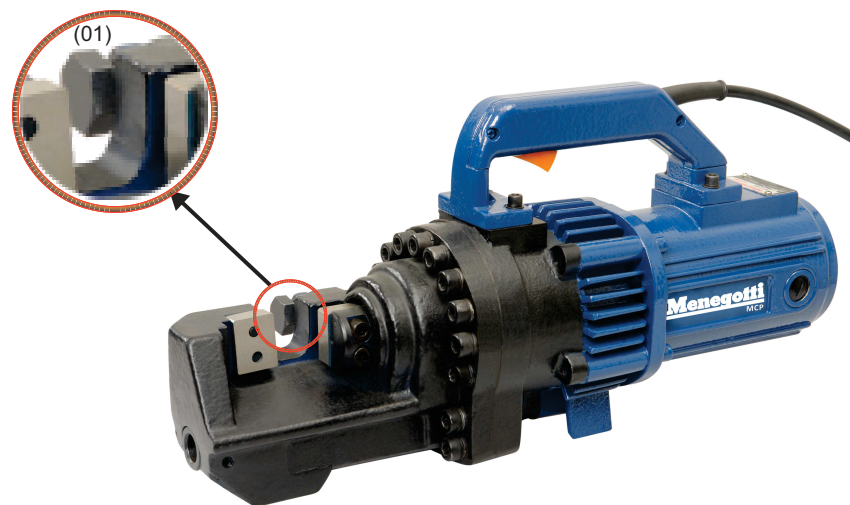
1.5 Especificações Técnicas

SPECIFICATION	UNIT	MCP
Cut's Maximum Diameter	mm	25
Cut's Minimum Diameter	mm	8,0
Motor's Power	cv	2,7
Tension	V	110/220 (Monof.)
Frequency	Hz	60
Cut's Velocity	mm/s	6,5
Motor's Weight	Kg	21,7
Weight with Packing	Kg	28,7
Equipment's Dimension (H x W x L)	mm	240 x 160 x 500



4. EQUIPMENT'S USE

1 Adjust the screw according to the size of the steel bar detail (01). Making steel bar and cutting board are at the correct angle;



2 - 2-Position the steel bar, turn the switch on, move the piston ahead, the bar will be cut and, when the piston reaches the highest point, turn the switch off and the piston will return to its position; and

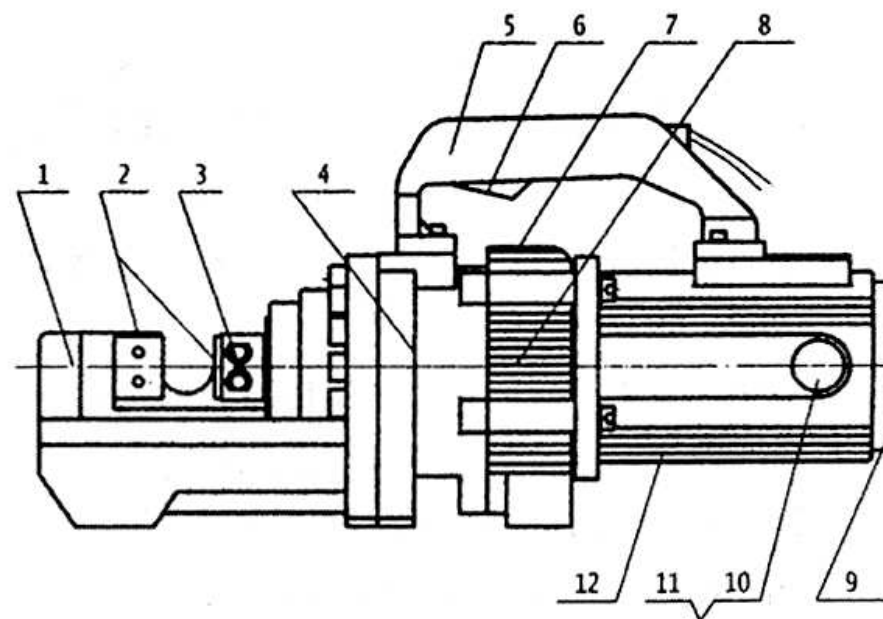
3 - While cutting if the pinto doesn't return immediately, push it back with a metallic bar or something similar. Be careful not to damage the piston. On the other hand, if the pinto doesn't come back to its position and if, while turning the machine on, the piston doesn't move ahead, substitute the piston to operate the unit.



POS.	descriptions	QTD.	codes	Nº. designs
01	body Front	01	29112137	-
03	Spring Ring	02	29112237	-
04	Lamina	01	29111670	-
05	Oil Reservoir	01	29112138	-
06	Special nut	01	29112139	-
07	Embolus	01	29112140	-
08	Hex. Head	01	29112238	-
14	Spring Return Cylinder Hid.	01	29112141	-
15	Board Fence	01	29112135	-
16	Hydraulic cylinder	01	29112142	-
18	Valve Body	01	29112143	-
19	Foreign Body Valve Spring	01	29112144	-
20	Internal Valve Body Spring	01	29112145	-
22	Body of Hydraulic	01	29112146	-
25	Pump Needle bearing	01	29112136	-
26	Ball Bearing 608ZZ	01	29112147	-
27	Piston Pump	01	29112148	-
28.1	Spring pump (D3, 5x18mm)	01	29112149	-
28.2	Spring pump (D4x18mm)	01	29112150	-
29	Support of the	01	29112151	-
31	Springs Spring	01	29112152	-
32	Seat Rubber Plug	01	29112153	-
33	Ima - Hydraulic Cutter	01	29112154	-
34	Gasket Seal Pump	01	29112155	-
35	Coupling Body Pump Hid.	01	29112156	-
41	Support Switch w / Base	01	29112157	-
42	Support Switch w / Base	01	29112158	-
44	brush	01	29111675	-
45	switch	01	29111696	-
46	Stator	01	29112159	-
	Single Phase Stator 110V/60HZ N.46 MCP	01	29112468	-
47	Full rotor	01	29112160	-
	Complete Single Phase Rotor 110V/60HZ N.47 MCP	01	29112467	-
48	Power Cord with Plug	01	29112161	-
49	Bleeder screw	01	29112162	-
50	Motor Housing	01	29112163	-
51	Brush door	01	29112164	-
52	Cover Brush Coal	01	29112165	-
53	Cape Cover	01	29112166	-
55	protection	01	29112167	-
56	Insulator washer	01	29112168	-
73	Plate Valve Body Guide	01	29112169	-



1.MACHINE'S DESCRIPTION



Pos.	Description
1	Retainer
2	Cut's Plaque
3	Adjust Screw (back)
4	Hydraulic Cylinder
5	Grip
6	Switch
7	Bomb
8	Opening (back)
9	Protector Lid
10	Brush Adapting
11	Coal Brush
12	Motor



3. CUT VIEW

