

MENEGOTTI TECHNICAL MANUAL

PALLET TRUCK

6,500LBS 45 x 27"

QR-Code:



Point your mobile phone camera to access the updated online version of **Technical Manuals** and **Parts Catalogs**, or click on the link below to access the website.

www.sites.google.com/view/menegotti-engenharia-docs

Attention:

Before operate **Menegotti**, 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®

HANDLING

Congratulations, you have just purchased a MGT product!

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

This manual was elaborated to provides the information 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 to the information in this manual.

The product durability only depends the way you treat it in service (operation) and the satisfactory working is consequence of your 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 MGT “customers familiy”.

After sales Departament
and Technical Assistance MGT.

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 Pallet Trucks MGT are specially designed for handling palletized loads, being destined for the transportation of loads placed on pallets, in an agile and safe way. The Pallet Truck has the characteristic of stable lifting and lowering through a hydraulic system that is easy to operate and very safe. The equipment is suitable for use on flat and firm surfaces.

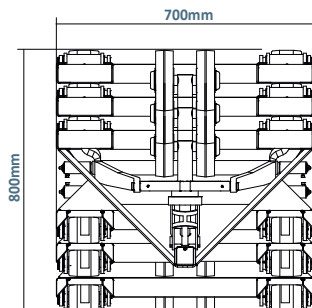
• **With the aim of constant improvement of their equipments, Menegotti reserves the right to change the features of products without notice.**

Safety

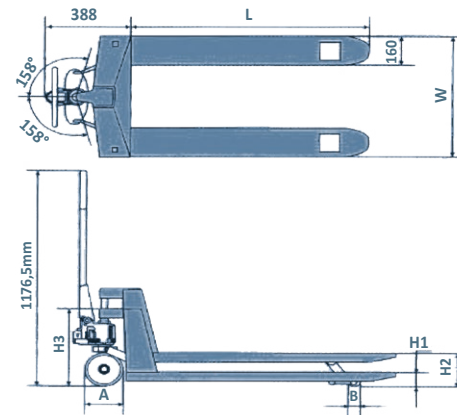
NOTE.: Anyone who performs any type of operation with this equipment, must read this manual and the safety guidelines.

- Instructions about the risks and dangers, are provided in this manual and also on the equipment;
- Keep the work area clear of obstacles and well lit;
- Make sure you have read and understood all the safety information;
- Take care before and during the operation;
- Do not miss these safety instructions;
- It is strictly forbidden to remove or alter any safety device on the equipment;
- When the equipment is not in use, it must be stored in a dry place and out of children's range;
- Perform a daily inspection on the parts of the equipment. In case of problems, immediately contact the Menegotti authorized service;
- Using the machine for purposes other than it was designed for, may put your physical integrity at risk;
- Provide safety information to anyone operating this machine;
- Never leave the machine in the rain or humid places;
- If you have long hair, tie it up;
- Never wear loose clothing and accessories that can get caught by the machine.
- Non-slip shoes are recommended when working outdoors.
- Focus on what you are doing. Do not operate the machine while under the influence of drugs, alcohol, medication and so on;
- Never remove the safety devices from the machine;
- Check that there is no damage on the equipment;
- Except as indicated in the manual, replacement parts must be replaced by an authorized one.
- This machine must only be repaired by qualified professionals and always using spare parts with the same characteristics.
- Always use PPE while operating or performing maintenance on the machine (ear protector, non-slip shoes, glasses, dust mask and gloves).
- In the event of defects that endanger your safety, perform the repair immediately before operating. Do not operate with the defective machine.
- Componentes defeituosos podem comprometer a segurança da operação com a máquina.

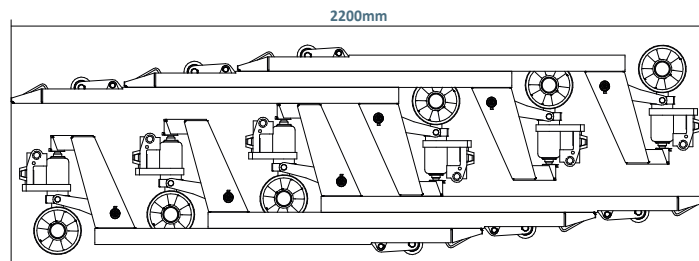
Technical Specifications



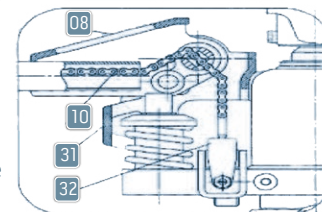
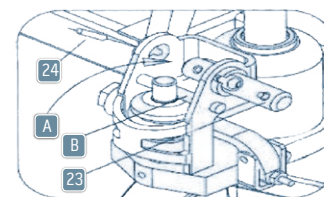
TECHNICAL DATA	6,500lbs 45 x 27"
Load Capacity	6,500lbs
Fork Wheel	Tandem
Minimum fork height - H1	85mm
Maximum fork height - H2	200mm
Fork width - W	685mm
Fork Length - L	1150mm
Chassis height - H3	430mm
Drive wheel - A	Ø200mm
Fork Wheel - B	Ø80x70mm
Turning radius	1266mm
Minimum aisle width	1783mm
Weight	165lbs



Assembly

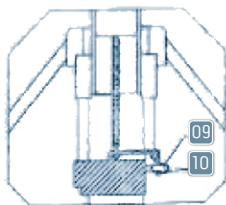
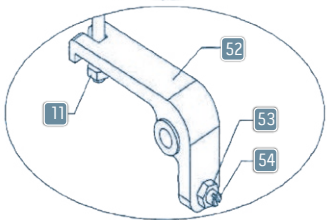
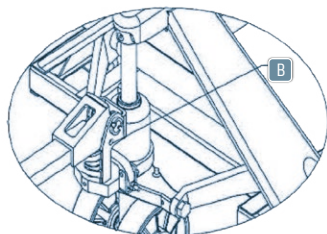
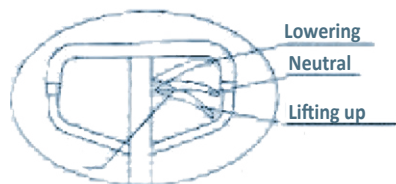


- 1) Remove the pin (23).
- 2) Position the camshaft in position (A), aligning the holes in the camshaft with the pump body, then position the pin (23) through the holes.
- 3) Turn the pin (23) to leave the chain hole upright, then cross the chain (10) on the pin (23).
- 4) Place the screw and nut (11) at the end of the chain (10) inside the opening of the lever holder (52).
- 5) Place the pin (24) in its original place.
- 6) Position the camshaft horizontally, remove the pin (B) and save it for future replacement or maintenance of the piston.
- 7) Move the camshaft back and forth and operate the trigger (8) in different positions to check the operation of the equipment in the working positions.



8) The screw (9) is used to regulate vertical movement.

The nut (10) on the screw (9) acts as a lock, so it must be loose before modification and locked after modification. If the fork descends right after the ascent, slightly turn the screw (9) counterclockwise before operating the equipment again. If the fork does not descend when the trigger is activated, turn the screw (9) a little clockwise and activate it again until the descent process is recovered normally.



Working Operation

Operation Guidance:

- When the trigger (8) is positioned downwards, the forks are ready to be lifted. Move the camshaft back and forth and the fork will lift.

- When the trigger (8) is positioned in the middle, the cylinder is neutral and the equipment is ready to be moved. If the camshaft is moved back and forth, the forks will not raise or lower. When the trigger (8) is pulled up, the fork will automatically lower and can be stopped by releasing the trigger.

Operating instructions:

It is expressly forbidden to remove or alter any safety device or its characteristics. In the case of making modifications, Menegotti is not responsible for any physical or material damage, losing the warranty rights of the equipment.

- People who are not handling the equipment must remain away when it is being used.
- Never pull the trigger abruptly as the quick lowering will damage the equipment and the load.
- Do not fire the trigger repeatedly.
- Do not leave the load on the equipment for a long time.
- Leave the forks fully lowered when the equipment is not in use.
- Make sure that the length of the forks matches the length of the pallet.

Handling instructions:

- Do not exceed the maximum load limit of the equipment.
- The center of gravity of the load must be positioned in the middle of the two forks.
- Decentralized loads will cause the equipment to tip over after the load is lifted;
- The equipment is suitable for flat and firm ground.
- It is important that the equipment is not operated on a slope with very heavy loads. As the equipment is operated manually, the operator must have the physical capacity to maneuver it safely, with a load.
- Pay special attention when handling long, tall or wide loads to avoid tipping over.
- The operator must be trained and qualified to operate the equipment.
- Transporting people on the equipment is prohibited. Any parts of the operator's body are not allowed to be placed under the load.

Lubrifcation

The amount of hydraulic oil required for the oil pump is approximately 250 ml. The oil must be used in accordance with the ISO oil quality standard provided by the manufacturers. Recommended oils are:

Recommended Oils
Castrol: Hyspin AWS 32
Texaco: Rando HD32
Ipiranga: Ipitur HST220
Bardahl: Max lub MA10
Esso: Nuto H32

Maintenance

A daily routine inspection is necessary to prevent future problems of operation. Do not use the equipment when it is damaged, as it will reduce its useful life and pose a risk to the physical integrity of the operator. Each gasket should be lubricated every three months with engine oil. Always check that there are no wires or other materials wrapped around the wheels or axles. All wheels must turn easily.

Environmental Protection

Do not dispose the machine in any trash, dispose of it in an appropriate environment and contact the responsible agency to make the correct disposal. Preserving the environment is very important.

Problems Solution

IMPROPER REPLACEMENT	
CAUSE	ACTION
Too much hydraulic oil.	Extract the appropriate amount of hydraulic oil.
The rotating part is trapped by deformation.	Replace the part.
Locking between piston and guide screw.	Replace the part.
INSUFFICIENT LIFTING	
CAUSE	ACTION
Hydraulic oil is not suitable.	Add appropriate filtered working oil.
THE FORKS DO NOT LOWER AFTER LIFTING	
CAUSE	ACTION
Abnormal load devices.	Readjust the discharge device.
Deformation and damage to parts.	Replace deformed and damaged parts.

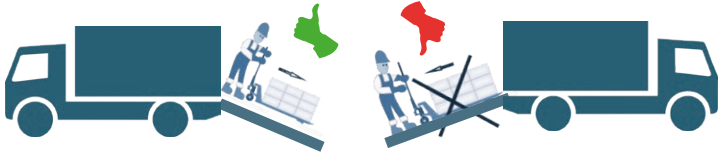
FORKS DO NOT RAISE	
CAUSE	ACTION
The viscosity of the working oil is very high or oil has not been added.	Replace the working oil.
Impurity in the oil.	Remove impurities in the path.
Discharge device abnormality.	Readjust the discharge device.
FORKS GO DOWN ALONE AFTER GETTING UP	
CAUSE	ACTION
The valve is trapped by impurities.	Release the Part, remove and clean it, reassemble and tighten after cleaning the oil holes.
HYDRAULIC OIL LEAKAGE	
CAUSE	ACTION
Oil seal failure.	Replace the seal.
Small crack or erosion on the surface of 1 or 2 pieces.	Replace damaged parts.
Slack in the joints.	Tighten the joints.

Freight Transporting

To transfer a load from one point to another, just insert the forks under the load to be transported, so that it is completely centralized.



Never place the load only on one of the forks or in a decentralized manner, as it may tip over and damage the load.



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 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. 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 equipment that 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: _____ **Number of Series:** _____
City: _____ **Date:** _____

Costumer *Menegotti Authorized Service*

Menegotti GROUP

Solid values, **sustainable future.**

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

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



Unit • Unidad MNA

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