

CONTACTS

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uni-max

TRANSLATION OF THE ORIGINAL MANUAL

High-lift pallet stacker SYC1000 - 2500



SYC1000-2500

Dear Customer, thank you for purchasing a product from UNI- MAX.
Our company is ready to provide you with its services – before, during and after you purchase a product. Should you have any questions, suggestions or recommendations, please contact our place of business. We will endeavour to consider and respond to your suggestion to the greatest extent possible.

It is a legal requirement, within the sense of this user's manual, that the user confirms of their own free will that they have thoroughly studied the operating instructions, fully understands their meaning and is familiar with all the risks before first use of the equipment.

ATTENTION! Do not attempt to put into operation (or use) the equipment before you are completely familiarised with the entire user's manual. Keep this user's manual for future reference.

Attention should be especially paid to occupational safety guidelines. Non-compliance or inaccurate implementation of these instructions may lead to injuries to the operator or other persons, or it may cause damage to equipment or the processed material.

Pay special attention to the safety instructions provided on the equipment's labels. Do not remove or damage these labels.

To make any potential communication easier, please write down the following.

Invoice number, or proof of purchase

DESCRIPTION

The high-lift pellet stacker is equipped with a foot pump.

Note: The height of the stacker at a lifting height of 2,500 mm is 3,980 mm.

The accuracy of the text, graphs and data depends on the date of printing. In the interest of continuous improvement of our products, we reserve the right to make changes to our technical data without prior notice.

MAINTENANCE

- Always keep tools clean. Foreign material entering the tool mechanism may cause damage to the tool.
- Do not use any aggressive cleaning agents and solvents for cleaning.
- We recommend wiping plastic parts with a rag dipped in soapy water.
- Wipe metal surfaces with a rag dipped in kerosene.
- Store the unused equipment in a preserved state in a dry place where it will not corrode.

DISPOSAL

It is necessary to dispose of the product at the end of its service life in accordance with the applicable legislation. The product is made of metal and plastic parts that are recycled after separation.

1. Disassemble all parts of the machine.
2. Sort all parts according to the material (metals, rubber, plastics, etc.). Hand over the sorted material for further use.
3. Electrical and electronic waste (used electrical power tools, electrical motors, charging power supplies, electronics, batteries, ...).
Dear customer, in terms of valid waste regulations, electrical and electronic waste is considered to constitute hazardous waste the disposal of which is subject to special provisions.
It is forbidden to throw electrical and electronic waste into containers intended for the collection of communal waste.
Likewise, it is possible to hand the machine over at electrical waste disposal points. Information on collection points is available at your local city office or on the internet.

- Used hydraulic fluids must be disposed of in accordance with Waste disposal law.

ATTENTION

In the event of a malfunction, send the equipment to the vendor's address so that the repair can be carried out as soon as possible. A brief description of the fault will shorten troubleshooting and repair time. Include the warranty card and proof of purchase with the equipment within the warranty period. We will repair your equipment for a reasonable price after the warranty period expires.

To prevent damage to the equipment during transport, pack it securely and use the original packaging. We are not liable for any damage during transit and any claims with the shipping service depends on the level of packaging and protection against damage.

Note: The illustrations may differ from the product delivered and the extent and type of accessories supplied can also vary. This is a result of development, and such differences have no impact on the product's correct functionality.

RECOMMENDED MAINTENANCE

1. Maintenance needs to be performed on the stacker taking into consideration the operating conditions, frequency of use, size of loads, the environment and floor quality.
2. It is necessary to regularly perform a visual inspection of connections and welds, at least 1x per three months tighten all the connections.
3. Lubrication of moving parts is performed at least 1x per three months using lubricating grease, in the event of wet, humid conditions it is recommended to inspect more frequently and to lubricate 1x per month.
4. It is necessary to check the working order of the hydraulics every day prior to putting the stacker into operation. In the event that the hydraulics are damaged or in the case of excessive hydraulic fluid leakage (more than a little), have the machine repaired at a professional service centre.

SEVERAL TIPS

1. Using the drawbar, hydraulics and the lever mechanism, it is possible to easily handle a maximum load of 2500 kg on the frame. Lowering the stacker is manually controlled by means of the lever located on the drawbar. Loads are lifted by means of pushing down the manual lever and "pumping" the main arm. Lower the load by pulling the manual lever towards yourself.
2. The load must be evenly distributed over the fork and it is necessary not to exceed the maximum distance of the centre of gravity from the face at a distance of 600 mm for all types of stackers.
3. Loads must be transported along even and rigid floors and loads must be placed as close as possible to the face of the stacker. It is necessary to thoroughly instruct and train the operator in workplace regulations for transport and handling of loads before use.
4. It is forbidden to transport loads with a height greater than 1000 mm and dimensions exceeding 1200 × 800 mm.
5. It is forbidden to stop the stacker on inclining surfaces by simply turning the guide wheels with the drawbar. The wheels must be locked in position on both sides using wedges. It is forbidden to lift a load on only a single arm of the lifting fork. It is forbidden to transport persons on the lifting edge.

A specific description of the work activity and application of the product is intentionally not mentioned, since the manufacturer / importer assumes that the user knows the function of the product and understands its activity, since in the sense of the law it is a common product. In the event that the user does not have this knowledge or is unsure, it is recommended that they contact the Workplace Safety Inspection Authority.

| Specifications are in KG, mm or movements from the top or bottom limit positions. | ES10 | EMS - 2500 | SYC500 - 1600 | SYC1000 - 1600 | SYC500E - 2500 | SYC1000 - 2500 |
|---|------|------------|---------------|----------------|----------------|----------------|
| Max. load capacity | 1000 | 1000 | 500 | 1000 | 500 | 1000 |
| Max. lift height | 3000 | 2500 | 1600 | 1600 | 2500 | 2500 |
| Centre of gravity | | 600 | 600 | 600 | 600 | 600 |
| Width of forks | | 540 | 540 | 540 | 540 | 560 |
| Length of forks | | 1150 | 1150 | 1150 | 1150 | 1150 |
| Total height | | 1780 | 2500 | 2500 | 1780 | 1780 |
| Total width | | 700 | 700 | 700 | 700 | 700 |
| Total length | | 1600 | 1550 | 1550 | 1550 | 1550 |
| Weight | | 370 | 150 | 200 | 150 | 200 |
| Fast pump. | | | 36 | 36 | 36 | 36 |
| Slow pump. | | | 85 | 85 | 85 | 85 |

SAFETY PRECAUTIONS

- **The equipment may only be operated by persons over 18 years of age, duly qualified, informed about and trained in the principles of safety and occupational health and safety.**

We recommend equipping the workplace with safe workplace fundamentals charts:

Symbols used in these instructions



Attention!

Indicates a risk of injury or significant material damage.

Indicates a risk of injury or significant material damage.



Warning!

Risk of damage



Note:

Additional information

! General information

- Plastic bags for packaging can be hazardous to children and animals.
- Familiarize yourself with the equipment, its controls, operation, elements of this equipment and possible risks associated with its incorrect use.
- Ensure that the user of the equipment has been thoroughly familiarised with the controls, operation, elements of this equipment and possible hazards resulting from its use.
- Always adhere to the safety instructions provided on labels. Do not remove or damage these labels. Contact the supplier in the event of damaged or illegible labels.
- Keep the workplace clean and in order. Untidiness in the workplace may lead to an accident.
- Never work in cramped or poorly lit areas. Always make sure that the floor is stable and there is good access for performing work tasks. Always maintain a stable posture.
- Continuously observe the workflow and use all your senses. Do not continue working if you cannot maintain full concentration.
- Take care of your tools and keep them clean.
- Handles and switches must be kept dry and free from oil and grease.
- Prevent access to animals, children and unauthorised persons.
- Do not place feet or hands into the working area.
- Never leave the equipment unattended whilst it is in operation.
- Do not use the equipment for any purpose other than that for which it is intended.
- Use personal protective equipment during work (e.g. goggles, earmuffs, respirator).
- Do not overexert yourself, always use both hands.
- Never operate the equipment under the influence of alcohol and drugs.
- Do not operate the equipment if you suffer from dizziness, weakness or fainting.
- No modifications to the equipment are permitted. DO NOT USE it if you discover bent parts, cracks or other damage.
- Never carry out maintenance on the equipment while it is running.
- If unusual sounds or other unusual phenomena occur, immediately stop the equipment and stop working.
- Remove any Allen keys and screwdrivers from the machine after use.
- Make sure that all bolts are tightened before use.
- Ensure proper maintenance of the equipment. Check the equipment for damage before using it. Only use original spare parts for maintenance and repair.
- The use of additional equipment or accessories not approved by the manufacturer may lead to injuries.
- Select suitable devices for specific work. Do not attempt to overload low-power devices or accessories with work that requires larger mechanical equipment.
- Do not overload the equipment. Organise workflow to enable effortless work at optimal speed. Any damage caused by overloading the equipment is not covered by the warranty.

- Protect the equipment against excessive heat and sunlight.
- The equipment is not designed for work under water or in a wet environment.
- When not using the equipment, store it in a dry, safe place away from children.
- Before starting the equipment, check that all safety elements are working smoothly and efficiently. Make sure that all moving parts are in good condition.
- Check whether any parts are broken or stuck, make sure that all components are properly mounted. Also check all other conditions, which may affect the operation of the equipment.
- Unless otherwise stated in this manual, any damaged parts or safety elements must be repaired or replaced.

! Configurations

- Do not use the equipment if it has not been completely assembled according to instructions contained in the manual.

! Lifting equipment

- Lift only loads that do not exceed the load capacity of the stacker.
- Keep hands away from moving parts.
- Lower the load slowly and prevent sudden and unexpected stopping and starting.
- Lifting equipment must undergo regular technical inspections.
- The equipment is intended for operation on rigid and horizontal foundations with a smooth surface.
- The equipment is designed for disassembly, installation and transport (only in the lowered position).
- Prior to starting work with a load, secure the stacker against movement.
- When lowering, take care not to crimp limbs or items with the lifting mechanism.

! Hydraulic equipment

- Trace leaks of fluids from the hydraulic pump and hydraulic cylinders are a standard characteristic of every hydraulic pump and cylinder, and in no way affect operation. It is necessary to replenish it regularly.

ASSEMBLY AND OPERATION

ATTENTION! Do not attempt to put into operation (or use) the equipment before you are completely familiarised with the entire user's manual.

Attention should be especially paid to occupational safety guidelines. Non-compliance or inaccurate implementation of these instructions may lead to injuries to the operator or other persons, or it may cause damage to equipment, load or the surroundings.

The instructions for use in the section: function, assembly and use of the product, are only declarative in character. For this reason, during actual work activity it is necessary proceed based on trials/test works. This information is only a recommendation based on current experience with the product. The technological parameters of the product or procedures may be regularly modified or changed without subsequent change of information in user's manuals. For this reason, it is necessary to perform tests to verify specific characteristics of the product directly based on time, space, context, operation and material.

SAFETY PRECAUTIONS

- Never use the product without detailed knowledge of all related circumstances necessary for the correct utilisation of the product's functions.
- Make sure that the item (items) or the part (parts) intended for activity are suitable for the given purpose and that thus it/they may not suddenly come loose, be flung out, or irreversibly change their physical or technological characteristics, e.g. metric parameters.
- Do not overload it beyond its permitted load capacity.
- Perform regular safety inspections focused particularly on possible cracks or loose connections.
- While working with the product, always use a safety helmet and gloves.
- During work, no other person may be in the direct vicinity without this safety equipment.
- Not respecting the aforementioned rules will cause damage to health and property.

INSTALLATION

Unpack from the shipping packaging and, if it is not already assembled, assemble it according to the illustration. Leakage of hydraulic fluid is not a defect.

The pallet stacker can be used for pallets measuring 1,200 x 800 mm, or possibly 800 x 600 mm, with a pick-up height of 100 mm. The undercarriage with hydraulics can be turned. A condition for safe and reliable operation are rigid and even floors without potholes and obstacles.

DESCRIPTION:

The pallet stacker is built for continuous, regular use under operating conditions: a quality aluminium hydraulic pump was used, the stacker has a stable steel construction and laterally-moving wheels. The travel wheels in the rotary undercarriage are made from polyamide. The surface coat consists of a base and final coat. The valve above the drawbar is easily controllable even when under load.

PUTTING INTO OPERATION

Prior to putting the stacker into operation, it is necessary to re-check the hydraulic system. The test lift of the frame is performed by means of a heaving motion of the foldable drawbar up and down. When lifting, it is necessary to have the control lever tilted down towards the pump unit. In the event that lifting is not smooth or the fork frame has not reached the maximum lifting height and the plunger is at "empty", it is necessary to set the control lever to the "neutral" position and to pump 5x to 10x. Bleeding air from the area of the cylinder and repeated pumping in this extended position will fill the aerated area with oil. Releasing the lever in the direction of the operator will result in draining oil from the unit and thereby lowering the fork frame. The middle position of the lever is for releasing and turning the lever during travel and the fork is neither lifted nor lowered.