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KEEP THIS MANUAL FOR FUTURE REFERENCE 2011 TRECO-STAR B.V. ANDIJK, THE NETHERLANDS

For the duration and the conditions of the guarantee we suggest you contact your supplier. You are also referred to our general sales and delivery conditions that are available on request.

All liability for loss or injury resulting from the failure to follow these instructions or due to a failure to take the normal precautionary measures or due to carelessness in actions, operation, maintenance or repair work if not specifically described in this manual is rejected by the manufacturer.

Because of our constant efforts to improve our product it can occur that the details of your unit may differ from what is described in this manual. For this reason these instructions serve only as a general guide for the installation, use, maintenance and repair of the unit mentioned in this manual.

This manual was prepared with all due care, but the manufacturer cannot assume responsibility for any possible errors in this manual or the consequences thereof.

Users are permitted to copy this manual for their own use.

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FOREWORD

General

This manual is meant for the user of the TS 401 Garbage Compactor. The options and the operations are described, with references also being made to the safest and most efficient possible use of the unit over a long period of time.

Pictograms and Symbols

In this manual the following pictograms and Symbols are used::



Suggestions and recommendations to Simplify carrying out tasks and actions.



CAUTION

Possible damage to the unit if the instructions are not carefully followed.



WARNING

Possible physical injury or serious damage to the unit if these instructions are not carefully followed.



WARNING

Denotes risk of electrical shock.



Recycling symbol

The following pictures appear on the unit:



WARNING

Denotes risk of electric shock..

Service and Technical support

The electrical and hydraulic diagram applicable to the trash compactor can be found on the rear of the unit.

In case of malfunctions contact your supplier/service agency. Be sure you have the following data on hand:

- model
- serial number

The identification plate contains this data.

IDENTIFICATION OF THE UNIT

The identification plate is located on the back-side of the unit and contains the following data:

- Model
- Serial number
- Year of construction
- Mains voltage
- Frequentie
- Name of the supplier
- Rated voltage

SAFETY GUIDELINES AND WARNINGS OF DANGER

General

The manufacturer accepts no liability whatsoever for loss or injury caused by the failure to (strictly) adhere to the safety guidelines and instructions during installation, use, maintenance and repair of the unit referred to in this manual and the possible associated accessories.

The user of the garbage compactor unit is at all times fully responsible for the fulfilment of the locally applicable safety regulations and guidelines.

Instruction manual

- Anyone who works on or with this unit must be aware of the contents of this manual and must carefully follow all guidelines and instructions.
- The management must instruct the personnel on the basis of this manual and must follow all instructions and regulations.
- Never change the order of the steps to perform.
- Always keep the manual with the unit

Pictograms and warnings on the unit.

- The pictograms, warnings and instructions attached to the unit are part of the safety features. They must not be covered or removed and must be present and legible during the entire life of the product/unit.
- Immediately replace or repair damaged or illegible pictograms, warnings and instructions.

Users

The use of this unit is exclusively reserved to well authorised, trained and qualified users.



Use according to purpose ^{*1}

WARNING!

- The TS 401 Garbage Compactor was designed solely for the compacting of light waste including packaging materials made of cardboard, plastic wood and tin as well as kitchen and restaurant waste.
- No aggressive chemicals or flammable and/or explosive substances must be processed in the unit.

Every other or further reaching use (such as, for example, the compacting of wooden or Metal objects) is viewed as not consistent with intended use. With regard to loss or injury that may be the consequence hereof the manufacture accepts no liability whatsoever.

The unit was built in accordance with European Guidelines and standards as specified in the CE statement delivered along with your unit.

^{*1} To ensure its proper functioning the unit must be used solely in accordance with its purpose as stated in EN 292-1 "Intended use" as meant in this standard, is the use for which this technical specifications of the manufacturer inclusive of the directions in the sales brochure – is suited.

In case of doubt it is the use which can be deducted from the construction, the model and the function of the technical product which is considered normal use.

Operating the unit within the limits of its intended use also involves observing the instructions in the user manual.

Technical specifications

- The specifications in this manual must not be changed

Adhere to the maintenance intervals specified in chapter 4

Modifications.

In case of unauthorised modifications in or on the unit every liability on part of the manufacturer becomes null and void..

Use



WARNING!

In order to prevent slipping, keep the Floor in the vicinity of the unit clean.

- In connection with the danger of short circuits the unit is not suited for use in any rainy or very moist environment.
- To ensure its continued proper functioning clean the unit regularly.



CAUTION!

Voor het verplaatsen van het apparaat:

- Zet de stempel in de onderste stand
- Schakel het apparaat uit
- Neem de stekker uit stopcontact
- Neem tijdens het verplaatsen bij het passeren van richels of drempels de nodige voorzichtigheid in acht.

Hygiëne

In order to prevent the undesirable growth of any bacteria, it is necessary that the Compactor be emptied and cleaned regularly.

This also applies to the floor under and around the garbage compactor..



Service, maintenance and repairs (if necessary))

This manual clearly makes a distinction between service maintenance and repair jobs which have to be carried out by the user and those which have to be exclusively carried out by well trained and authorised service engineers..



WARNING

In relation to the danger of short circuits the unit must not be cleaned using a water hose.

- Respect the instructions given in chapter 5 regarding what to do in case of malfunction,



MATERIALS USED AND THE ENVIRONMENT.

Packaging materials

All packaging materials used by Treco-Star are recyclable.

- Untreated wood
- Cardboard
- Polyethyleen foil
- Styropor
- Polypropylene tape

- Do not dispose of these materials along with normal waste but enquire at the sanitary service of your municipality how to dispose them.

Environmental guidelines

Depending on the country in which the Compactor is used various guidelines with regard to the separation of waste apply..

- Adhere to the locally applicable regulations.

1. INTRODUCTION

1.1 Description of the process

An electrical motor causes hydraulic pressure to build up in the Garbage Compactor that moves a punch downward such that waste is compacted into a container located underneath it.

1.2 Description of the unit.

Description of the various parts of your Treco-Star TS 401 Garbage Compactor.

Look at left page for the numbers.

1. Treco-Star TS 401 Garbage Compactor

A Control panel

- A1 Emergency stop
- A2 Working
- A3 Full
- A4 Start

B other parts of the compactor

- B1 Service hatch
- B2 Filler opening
- B3 Opener filler opening
- B4 Door
- B5 Door opener
- B6 Reservoir hydraulic Oil
- B7 Motor
- B8 Cylinder
- B9 Guide post
- B10 Punch
- B11 Container

1.3 FUNCTIONING

De TS 401 Garbage Compactor HAS AN ELECTRONIC DRIVE THAT ACTIVATES THE HYDRAULIC SYSTEM. Under the punch of the hydraulic system there is a container in which the material to be compacted is brought through the filler opening. After the punch is activated a single compression stroke is carried out after which the punch returns to its highest position.

When the compactor is full the punch remains in the lowest position and the red signal lamp remains on. After opening and closing the filling door the punch returns to its highest position, and the compacted waste can be removed.

The sheet work and the frame work are all made of stainless steel 304

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2 UNPACKAGING / INSTALLATION

2.1 Unpackaging

- Remove all packaging materials from the unit.
- Inspect the unit for damage.
- Make sure that all parts that belong to the model you have ordered are present.
- **Read the manual before proceeding.**

If any parts are missing or damaged, contact your supplier.



WARNING

The unit has a bipolar plug.
An authorised installer must install the wall outlet. See chapter 6 for the necessary electrical installation.



If the unit will temporarily not be used and must be stored:

2.2 Installation

- Place the unit flat on a sufficiently sturdy surface that is preferably easy to keep clean.
- Place the unit in a well –ventilated location.
- Be sure that the personnel have sufficient room to work with the unit.
- If setting the unit up out doors, First contact your supplier.
- Keep in mind the unit’s accessibility in case any maintenance and service work needs to be done.
- Place all (optional) parts / or accessories.
- Clean it thoroughly
- Pack it dust-free
- Store the unit in a dry place to prevent it from deteriorating in quality.

3 OPERATING

The instructions for operating are described in the following paragraphs. The codes refer to the illustrations on the foldout sheet of the cover. When the compactor is delivered the punch (B10) is in its lowest position. To bring the punch to its highest position take the following steps;

- Put the plug in the outlet.
- Push the start button

The punch will move to the highest position

3.1 Preparing for filling.

- Open the door (B4) and remove the container (B11) from the container..
- Place a waste bag in the container. Be sure the bag is on the bottom, and fold the bag over the edge from the outside of the container.
- Place the container in the compactor. Be sure the handle of the container is on the front.
- Close the door.

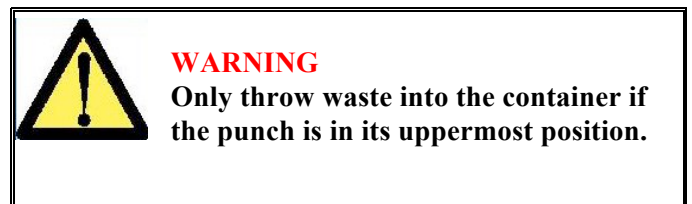
3.2 Filling.

- Open the filler opening (B2)
- First load cardboard or plastic to protect the bottom of the bag.
- Continue filling until the container is filled to just under the edge.
- Close the filler opening.

Stop filling as soon as you see that the container is full after compacting.

3.3 Compacting

- Push the START button and release it.
- The compactor will make now one single compression stroke and then returns to its uppermost position.



3.6 FULL INDICATOR

The red signal lamp (A3) is on when the compactor is full. The compressionstroke is interrupted. The punch remains in its lowest position. There are 2 ways to bring it back to its uppermost position:

- Open and close the filler opening
- Push the emergency button in and out.

3.7 Emptying.

- Open the door (B4).
- Pull the container out of the garbage compactor.
- Close the bag.
- Remove the bag from the container.

4 CLEANING AND MAINTENANCE

The guidepost do not require greasing. Maintenance as specified in this chapter is sufficient.



WARNING

ALLWAYS TAKES THE FOLLOWING MEASURES TO PREVENT ELECTRIC SHOCK!

- **REMOVE THE PLUG FROM THE OUTLET**



4.1 Regular maintenance

Inside.

Clean the inside of the compactor, the punch, the guidepost(s) and the container with a non-aggressive cleanser. The space in which the container is located may be given a final rinse with a low-pressure stream of water.

Outside.

Clean the outside with a moist cloth and a non-aggressive cleanser and rub again with a clean moist cloth to remove any residual.

WARNING.

Moisture in the electrical compartment can cause short circuits. The (uppermost) part of the unit in which the electrical components are located must therefore never be cleaned using a water hose.

4.2 Monthly maintenance

- Clean the guidepost(s) with a moist cloth and a non-aggressive cleanser, and give a final rub with a clean moist cloth to remove any cleanser residual..

4.3 Annual maintenance

Once a year replace the hydraulic oil in the system, use one of the brands below:

- Shell Tellis T32
- Texaco 32
- Mobil 32.

5 FAULTS AND SERVICE-WHAT TO DO.

Before you consult your dealer of the service agency when there is a fault, you can check the following points yourself.

FAULT: *THE UNIT DOES NOT WORK*

- Is the plug in the outlet?
- Is the power supply oke ?
Check the fuses and earth leakage switch in the meter cupboard.
- Is the emergency button in the right position?
- Is de filling opening (B2) properly closed?
- Is door (B4) properly closed?

FAULT: *EXCESSIVE VIBRATION AND NOISE DURING COMPACTING.*

- Are the guide post(s) clean?
- Check the oil level and top up as needed..

FAULT: *INSUFFICIENT OR NO PRESSURE IN THE SYSTEM.*

- Check the oil level and top up as needed..



WARNING

Contact your supplier/service agency immediately when the electric cable is damaged. Immediate replacement is necessary because of possible danger.

6 TECHNICAL SPECIFICATIONS

Model	TS 401 Compactor	Serialno.
Dimensions		
width	570 mm	
dept	530 mm	
height	1.750 mm	
weights		
Gross	198 kg	
Net	196 kg	
Elektrische installation *		
Voltage	1N-50/60Hz 230-240 V	
Max. amp	3.8 A	
Capacity to be placed	800 W	
Motor	0.75 KW	
Compression	4000 kg	
Content hydraulic system	3,5 Ltr	
Plug	bi-polar 16A grounded	
With cable length	ca 2,8 m ¹	
Noise pressure at work	≤ 70 dB(A)	
Standard accessories	instructions manual	
Container	75 Ltr	

*These data can vary from country to country. Look on the identification plate for the data applicable to your unit.

7 OPTIONS

- Dispenser for waste bags
- Waste bags
- Wall Fastening
- Deviating voltages.

Your supplier will be glad to give you all information concerning the application of these options.

Manufacturer:

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8 REMOVAL

If after many years of use your unit needs to be replaced your supplier will be glad to advice you.

You can also obtain advice concerning the removal of your used unit that still contains valuable substances and materials.

Be sure that all materials are dealt with according to the current applicable environmental regulations..