



PEECON

Container tanks



USER MANUAL

2026

Peecon Container tank | Peecon Cargo container tank

The main purpose of this document is to ensure safe and efficient interaction between the operator and the machine. Keep this document for future reference.

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Peeters Group B.V. reserves the right to modify components at any time without prior or immediate notice to the customer.

The contents of this user manual are also subject to change without prior notice. For information regarding adjustments, maintenance or repairs not covered by this user manual, please contact the technical service department of your supplier.

This user manual has been compiled with the utmost care. However, Peeters Group B.V. cannot accept any liability for errors in this user manual or for any consequences arising therefrom.

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2. Introduction

2.1. Foreword

Congratulations on the purchase of your new Peecon container tank. With this machine, you can rely on proven quality and robust construction.

The Peecon container tank has been developed based on an extensive research and testing programme. One of the main objectives was to design a machine that fully complies with the applicable European directives and international standards for container tanks in terms of operation, functionality, safety, maintenance and service life.

Before operating the machine, read this manual carefully and make sure you understand all the information provided. This will contribute to safe operation, optimum performance and a long service life of the machine. Always keep this manual with the machine so that it is readily available for reference.

The latest version of this manual can be obtained from your dealer. A digital version is also available at <https://peecon.com/downloads>.

If you have any questions or encounter any problems that are not addressed in this manual, please contact your dealer or Peeters Landbouwmachines B.V.

Damage resulting from incorrect operation or improper use is not covered by the warranty. If you are unsure about any operating, maintenance or repair procedure, always consult a qualified specialist.

The manufacturer reserves the right to make modifications to the machine without prior notice. Illustrations, dimensions and weights provided in this manual are also subject to change and are therefore not binding.

Authorised persons are persons who:

- Have acquired an appropriate level of knowledge through education/training (an internal training course specifically for Peecon container tanks) and possess the necessary skills to operate the machine.

Technically qualified persons are persons who:

- Are authorised and have acquired an appropriate level of technical knowledge through education/training, are familiar with the machine's technology, and are aware of the potential hazards and risks.
- Are authorised to set up, operate, clean and maintain the machine (for example, a service technician from Peeters Landbouwmachines B.V.).

2.2. Warranty and liability

To avoid misunderstandings, we kindly ask you to read this manual in full. Considerable attention has been paid to the safety and functionality of your machine. The most important information regarding warranty and liability is provided below.

Each machine is carefully inspected at the factory to ensure that it is free from defects in materials and workmanship. Should any defects nevertheless occur, Peeters Landbouwmachines B.V. will provide replacement parts free of charge for a period of 12 months or 750 operating hours after delivery, whichever occurs first, excluding wear parts.

The warranty shall become void in the following cases:

- If the operating and maintenance instructions provided in this manual are not followed, unless prior written approval has been obtained from the manufacturer.
- If maintenance is not carried out in accordance with the prescribed maintenance schedule. All maintenance activities must be properly documented.
- If non-genuine parts are used for maintenance or repairs. Genuine parts are listed in the spare parts catalogue, which can be downloaded from <https://peecon.com/downloads>.
- If the user declaration below has not been completed in full, signed, scanned and submitted by the customer.
- If modifications are made to the machine without prior approval from Peeters Landbouwmachines B.V.
- If the machine is resold.

The warranty is limited to the supply of replacement parts and does not cover:

- Loss of income resulting from machine downtime.
- Transport costs to and from a workshop.
- Costs for special tools.
- Labour costs for service technicians.

To make a warranty claim, please contact your dealer. The cost of replacement parts may initially be charged and will be reimbursed following inspection and approval by an authorised dealer or Peeters Landbouwmachines B.V.

User declaration

Record the following information about your machine. This will help when reporting problems and ordering spare parts.

1. Model: Container Tank _____ 2. Delivery Date: _____

3. Machine Serial Number: _____

By signing below, the user confirms that this manual has been read in full and understood:

Name: _____

Signature: _____

2.1. EG Declaration of Conformity



Technical documentation available on site aforementioned manufacturer.

EG DECLARATION OF CONFORMITY

The undersigned hereby certifies that the machine:

Brand: Peecon
Models: Peecon Container tank
Building year:
Series nr: 520
Category: Container tank (Intended for storing/transporting slurry and slaughter house waste)

Complies with the following European directives:

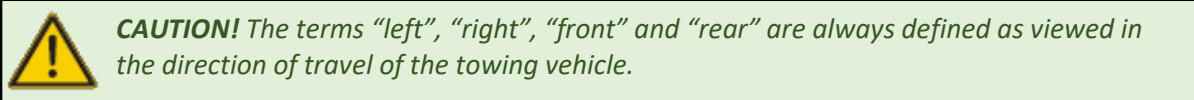
- (EU) 2023/1230 Machinery directive
- NEN-EN 707:2019 en Processing of silage

Location: Etten-Leur
Date:

D.P.M. Peeters
Managing director

2.2. Safety instructions

Incorrect or careless operation may result in accidents. Therefore, read all instructions carefully and always observe the safety precautions. Also refer to the manuals for other components, such as the tractor or PTO shaft. Anyone operating the machine must be familiar with these instructions.



Various symbols are used throughout this manual:

Symbol	Meaning
	WARNING – RISK OF INJURY OR DAMAGE Warnings and additional safety information.
	TIPS AND ADVICE Suggestions and recommendations to help you carry out your work more easily.

2.3. Type designation

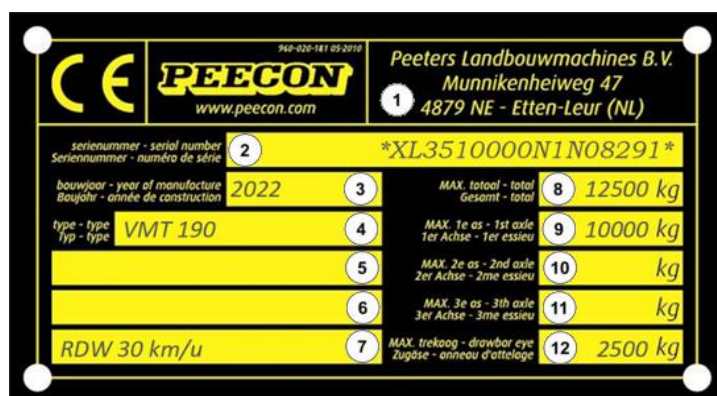
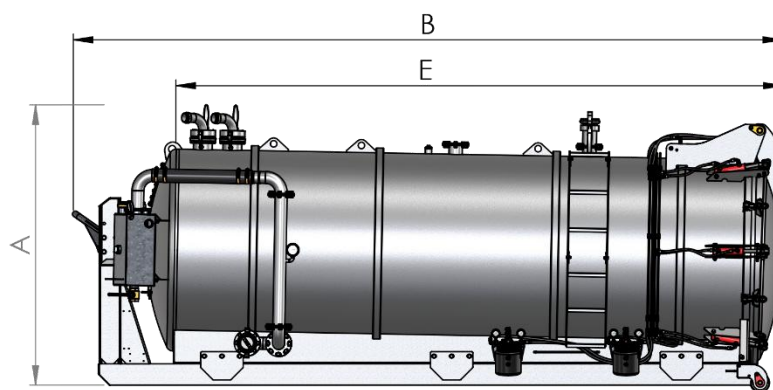
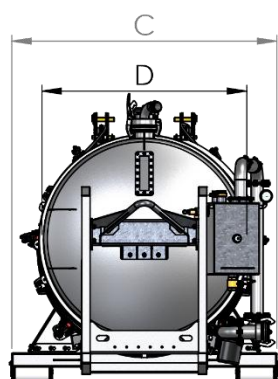


Figure 2-1 - Identification Plate

1	Manufacturer's contact details	7	Reserved for additional information
2	Serial number (identification number)	8	Maximum permissible gross weight of the machine
3	Year of manufacture	9	N/A
4	Machine version	10	N/A
5	Reserved for additional information	11	N/A
6	Reserved for additional information	12	N/A

3. Technical specifications



									
<i>Peecon Container tank</i>		8000	10000	11500	13000	15000	17000	20000	22000
Capacity	m³	8	10	11,5	13	15	17	20	22
Total height (A)	mm	2300	2300	2400	2500	2600	2800	2600	2600
Total length (B)	mm	5100	5100	6000	6200	6200	6500	7500	8300
Total width (C)	mm	2300	2300	2300	2300	2300	2300	2300	2300
Tank diameter (D)	mm	1600	1600	1700	1800	1900	2000	2000	2100
Length cylinder (E)	mm	4000	4900	4900	5000	5000	5300	6000	6000
Empty weight	kg	2500	2800	3000	3300	3500	3700	3900	4100

4. Intended use of the machine

This machine is intended exclusively for the following applications:

- Storage and transport of liquid manure and slaughterhouse waste. Other materials may only be stored and transported in the tank following consultation with and explicit approval from Peeters Landbouwmachines B.V.
- Unloading liquid manure and slaughterhouse waste in accordance with the applicable European directives and national/local legislation.

When using the machine, always comply with the instructions provided in this manual. This applies to both the operating instructions and the manufacturer's safety instructions.

Structural modifications or additions to the machine are not permitted without the manufacturer's approval. Such modifications may result in unsafe conditions and could cause serious or fatal injury.

The machine may only be operated when no persons or animals are present within the hazard zone. Carrying persons or animals on or inside the machine is strictly prohibited.

5. Important safety precautions



CAUTION! Read this manual carefully before operating the machine. Refer to this manual if you have any questions or encounter any problems. Check that the factory settings have not been altered and that no components have become loose during transport. Ensure that all warning signs are present and correctly positioned.

5.1. General

The driver or operator is always responsible for any damage and/or accidents resulting from improper use or failure to comply with the safety instructions.

The container tank may only be used for the storage, transport and controlled discharge of liquid manure and slaughterhouse waste. Use for any other purpose is not permitted without the explicit approval of Peeters Landbouwmachines B.V.

Check the following before each use:

- Carefully inspect the machine for visible damage and loose components.
- Check that all connections and fittings are securely fastened.
- Ensure that the container hatch and shut-off valves are fully closed.
- Ensure that no residues of liquid manure or slaughterhouse waste can fall out of the machine.
- Check that no one is present within the machine's working area.
- Never exceed the maximum permissible load or loading volume (as specified on the identification plate).
- Check that the skid is correctly coupled.
- Carefully read and observe the safety instructions provided both on the machine and in this manual.



CAUTION! Particular care must be taken in certain situations to ensure your own safety and that of others in the vicinity.

The following situations require extra caution:

- Do not start, operate, test-run or store the machine in an enclosed area due to the risk of hazardous exhaust gases from the towing vehicle. The contents of the tank may also produce hazardous, asphyxiating and toxic gases.
- Always check the area around the machine and the towing vehicle before driving off or operating the machine.
- Pay particular attention to people and animals in the vicinity.
- Ensure adequate visibility during operation.
- It is prohibited to remain on the machine during transport or operation.
- Never stand between the towing vehicle and the container tank unless the vehicle has been secured against unintended movement (for example, by using wheel chocks or applying the parking brake).

- Keep clear of the machine's hazard zone while it is in operation.
- Never enter the container tank. Before entry is permitted, the tank must first be professionally cleaned. Entry is only permitted while wearing the required personal protective equipment (PPE).
- Always check that the container tank is correctly attached to the hook lift and securely locked in place.
- Exercise extreme caution when working near overhead power lines. Electrical arcing may occur even without direct contact with the power lines, which can cause the entire vehicle to become electrically energised.

In addition to the instructions provided in this manual, always observe the generally applicable safety and accident prevention regulations. Familiarise yourself with all systems, controls and their functions before operating the machine.

- Check the machine and the towing vehicle for safe operating condition before each use, both for field operations and road transport.
- Always wear close-fitting clothing and avoid loose garments.
- Adjust your driving speed to the surroundings and terrain conditions. Never make sudden turns when driving uphill, downhill or across slopes.
- Bear in mind that mounted and towed machines, as well as front ballast weights, affect driving characteristics, steering and braking performance. Always ensure sufficient steering and braking capability.
- When cornering, take the increased width (turning radius) and weight of the machine into account.
- The machine may only be operated by one person.
- Secure the machine before leaving the towing vehicle: switch off the engine, remove the ignition key and, if electrically operated, switch off all functions and disconnect the electrical plug.
- Keep all persons away from rotating parts while the machine is in operation.
- Couple the machine in accordance with the prescribed procedure and always check that all locking devices are properly secured.
- Exercise particular caution when coupling and uncoupling due to the risk of crushing and entrapment.
- Only operate the machine when all protective guards are complete, correctly fitted and undamaged.
- Repair any damage to the paintwork or signs of wear before operating the machine again. If the machine is still under warranty, contact your dealer or the manufacturer before carrying out repairs.
- Regularly inspect the hydraulic lines for damage. Replace damaged hoses immediately with hoses of the specified quality (SAE 100 R2A in accordance with DIN 20022/2).
- Never attempt to stop a leak in a pressurised hydraulic system by hand. Hydraulic fluid can penetrate the skin and cause serious injury and blood poisoning.



CAUTION! Pay particular attention to these points when loading the container tank onto a hook-lift system for the first time. This will help prevent (hydraulic) functions from operating incorrectly or failing to operate.

- The driver's seat must always be occupied while driving and operating the machine.
- When travelling on public roads, comply with all applicable legal requirements, including those relating to lighting and side reflectors.
- Always check that the machine complies with the maximum permissible transport dimensions.
- Check that the container hatch is leak-tight and correctly secured.
- Check the auger blades and bolts weekly for excessive wear. Loose blades in the feed may create hazardous conditions and pose a risk to animal welfare.

5.2. Hazard zone

No persons may be present within the hazard zone while the machine is in operation.

- Sides: maintain a minimum distance of 5 metres.
- Front and rear: maintain a minimum distance of 10 metres in front and two times the total length of the container tank behind the towing vehicle or vehicle combination. [TvL2]

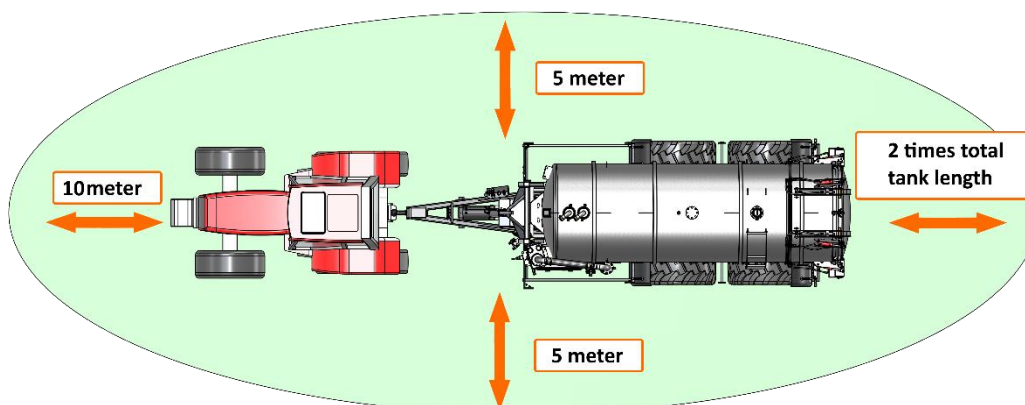


Figure 5-1 – Hazard zone



CAUTION! When a pump is used, hearing protection may be required. Refer to the operating manual of the relevant pump for specific requirements.

The container tank may be equipped with a pumping system. In this case, refer to the operating manual of the relevant pump to determine whether hearing protection is required. The operator must also be familiar with the applicable local occupational health and safety regulations regarding the use of hearing protection.

5.3. Coupling and uncoupling the machine

Important safety instructions:

- Couple the container tank in accordance with the prescribed procedures.
- Only use towing vehicles and hook-lift systems that are suitable for operating and transporting the container tank.
- Never exceed:
 - The maximum permissible load.
 - The maximum permissible loading volume.
 - The maximum permissible positive or negative pressure in the tank.
 - The maximum lifting capacity of the hook arm of the hook-lift system.
 - The maximum permissible gross vehicle weight of the towing vehicle or vehicle combination.
- Only uncouple the container tank on a level and stable surface.
- Ensure that the rollers of the container tank can rotate freely during coupling and uncoupling.
- Ensure that there is sufficient clearance behind the container tank when uncoupling.
- Pay particular attention to the risk of crushing and entrapment between the hook arm and the container tank, especially during coupling.
- Check that all connected hoses and lines:
 - Do not rub against sharp or moving parts.
 - Have sufficient freedom of movement when cornering.



CAUTION! Ensure that no one is positioned between the towing vehicle (or vehicle combination) and the container tank, either before or during coupling.

5.4. Operation of the machine

- Wear close-fitting clothing. Loose clothing increases the risk of entanglement.
- Familiarise yourself with all components and operating controls before operating the machine.
- Never exceed the maximum permissible gross weight, the permissible loading volume, or the maximum permissible positive/negative pressure of the tank.
- Only operate the machine when all protective guards and safety devices are correctly fitted and secured.
- Keep all persons away from the machine during operation.
- Always secure the towing vehicle against unintentional starting or rolling away before leaving it.

5.5. Safety symbols

Your container tank is fitted with safety and warning decals. These indicate areas where potential hazards remain despite the machine's safe design.

Always read the manual before operating the machine. Regularly check that all safety decals are present and clearly legible. If any decals are damaged or illegible, stop using the machine and have them replaced by your dealer.



CAUTION! To ensure safe operation by every (new) operator, the safety decals must be kept clean and clearly legible at all times. Damaged decals must always be replaced. Replacement decals are available from your dealer.

5.5.1. Explanation of safety symbols



Read and observe the operating manual and safety instructions before putting the machine into operation.



Hydraulic hoses can cause personal injury and environmental damage. Only work on the hydraulic system when it has been completely depressurised.



The machine contains several moving parts. These parts can cause crushing or entanglement. Exercise particular caution around moving parts and avoid wearing loose-fitting clothing.



Operating heavy machinery can generate high noise levels. Exposure to excessive noise, even for short periods, may result in permanent hearing damage. Peeters Landbouwmachines B.V. recommends always wearing hearing protection. Refer to the pump operating manual to determine whether hearing protection is required or mandatory.



Never enter the container tank! Depending on its contents, the tank may contain toxic, flammable and/or asphyxiating gases. Before any work is carried out on or inside the tank, it must be professionally cleaned by a qualified person.



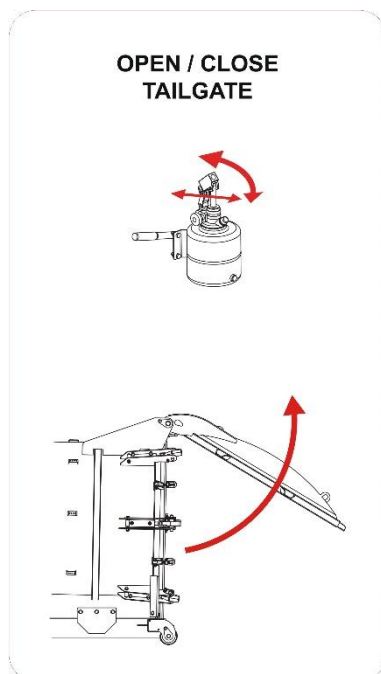
Do not stand on or underneath the machine during operation or transport. No persons may be present behind the container tank while loading or unloading the container tank itself or its contents.



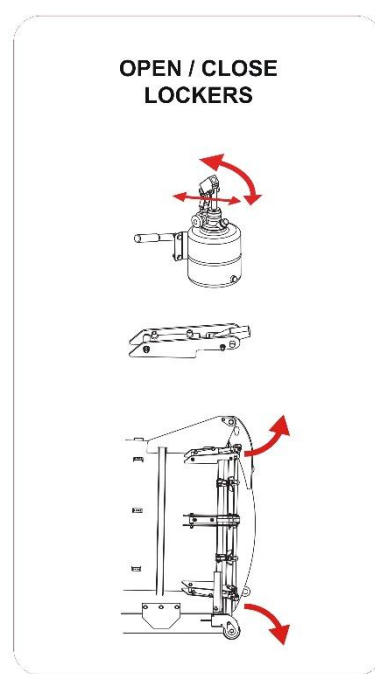
Lifting point. Only use the designated lifting points to lift the machine.



Not a lifting point. Do not attach cables, chains and/or other lifting equipment here. Doing so may cause damage to the machine.



If the container tank is equipped with a hydraulically operated container hatch, this decal will be located next to the hand pump used to operate this function.



If the container tank is equipped with hydraulic locking lugs for the container hatch, this decal will be located next to the hand pump used to operate this function.

5.5.2. [TvL3] Safety symbols on the machine



Figure 5-2 – All possible safety symbols



Figure 5-3 – Safety Symbols – Container Tank

5.6. Extreme conditions

This section describes operation under extreme conditions. If the machine is operated under such conditions, please be aware that the system may not function as intended.

The recommended operating and ambient temperature range is **-30°C to +40°C**. Operation at lower temperatures:

- Accelerates wear of hydraulic seals.
- Increases the risk of damage to hydraulic hoses and brittle fractures in the steel structure.
- Important: At low temperatures, operate the machine with lighter loads than would normally be permitted.

Before operating the machine at low temperatures:

- Allow the hydraulic oil to circulate through the system for several minutes.
- Slowly operate all hydraulic functions several times to allow the seals to become flexible before they are subjected to full system pressure.

When operating under extremely hot conditions:

- Be aware that the hydraulic oil may become extremely hot.
- If the oil temperature rises above **+80°C**, the oil may begin to vaporise and the seals may be damaged.

6. Machine operation

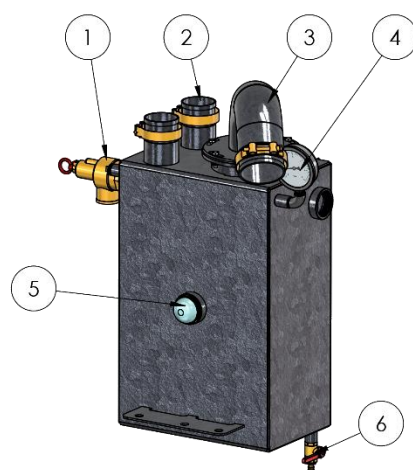
6.1. Tank components



Figure 6-1 – Container tank components

NO.	NAME
1	Container tank
2	Top shut-off valve
3	Filling opening
4	Container hatch cylinder (hydraulic container hatch)
5	Container hatch
6	Locking lug
7	Clamping cylinder
8	Hydraulic double-acting hand pump
9	Container skid
10	Moisture trap

6.2. Moisture trap components



NO.	NAME
1	Pressure relief/vent valve (90° with hose tail), set to 0.5 bar gauge pressure
2	Moisture trap outlet
3	Line from the moisture trap to the pump
4	Pressure gauge, reading range from 0 to 0.5 bar
5	Sight glass
6	Drain valve

6.3. Filling the tank

To fill the container tank safely, follow the steps below:

1. Check that the container hatch is fully closed and leak-tight, and that the locking lugs are sufficiently tightened.
2. Check and verify that no persons or animals are present within the hazard zone.
3. Connect the filling hose to the filling connection of the moisture trap.
4. Fill the tank using the pumping system of the hook-lift system. The tank may be pressurised to a maximum gauge pressure of 0.5 bar. Adjust the pump so that the pressure inside the tank never exceeds 0.5 bar gauge pressure. These pressures are relative to the ambient air pressure.
5. As standard, the tank is equipped with a fill-level indicator at the front of the tank. This indicator shows when the container tank is completely full.
6. Once the tank is full, close the hatch and switch off the pump.
7. Carefully disconnect the filling hose. Be aware that residual pressure may still be present in the filling system. When disconnecting the hose, any remaining contents may be discharged from the hose. Take appropriate precautions and collect any spillage in a safe and environmentally responsible manner.

6.4. Picking up and setting down

When picking up or setting down the container tank, a heavy machine is being moved. This may create hazardous situations, so appropriate safety precautions must be taken. Follow the procedure below when picking up the container tank.

6.4.1. Picking up the container tank

1. Check that the container hatch is fully closed and leak-tight, and that the locking lugs are sufficiently tightened.
2. Check and verify that no persons or animals are present within the hazard zone.
3. Position the hook-lift system as straight as possible in front of the container tank on a level and stable surface.
4. Reverse slowly until the hook-lift system engages with the hook on the container tank frame.
5. Lift and load the container tank onto the hook-lift system in the same manner as a conventional hook-lift container.

6.4.2. Setting down the container tank

1. Check that the container hatch is fully closed and leak-tight, and that the locking lugs are sufficiently tightened.
2. Check and verify that no persons or animals are present within the hazard zone.
3. Position the hook-lift system as straight as possible on a level and stable surface. Ensure that there is sufficient clearance behind the hook-lift system to set down the container tank. Maintain a clear distance of at least twice the length of the container tank.
4. The container tank can then be set down in the same manner as a conventional hook-lift container using the hook-lift system.

6.5. Opening the container hatch

The container tank can be emptied by opening the rear container hatch. Two different versions are available: a free-swinging container hatch and a hydraulically operated container hatch.

6.5.1. Free-swinging container hatch

1. Check that the clamping cylinders are securely holding the container hatch closed. These cylinders are operated using the hand pump. Both sides of the hydraulic system are equipped with a pressure gauge, which indicates whether the respective side of the system is pressurised. Refer to the corresponding decal on the tank for instructions on operating the hand pump.
2. Loosen the locking nuts one by one and remove them completely from the threaded rods.
3. Check and verify that no persons or animals are present within the hazard zone.
4. Reverse the operating direction of the hand pump so that the clamping cylinders can be hydraulically released.
5. Once all clamping cylinders are fully disengaged from the container hatch, the hatch can be opened by lifting it or by tipping the entire container tank. The total weight of the container tank is stated on the identification plate located at the front right-hand side of the tank chassis. If only the container hatch is lifted, the lifting equipment must have a minimum lifting capacity of 300 kg.

6.5.2. Hydraulic operation

A container tank equipped with a hydraulically operated container hatch has two hand pumps instead of one. Each hand pump is provided with its own instruction decal.

Normally, the front hand pump is used to operate the container hatch, while the rear hand pump is used to operate the clamping cylinders. Depending on the machine configuration or any requested modifications, this arrangement may differ. Therefore, always refer to the instruction decals on the tank to determine which hand pump operates each function.

The hydraulically operated container hatch can be opened by following the procedure below.

1. Check that the clamping cylinders are securely holding the container hatch closed. These cylinders are operated using the hand pump. Both sides of the hydraulic system are equipped with a pressure gauge, which indicates whether the respective side of the system is pressurised. Refer to the corresponding decal on the tank for instructions on operating the hand pump.
2. Loosen the locking nuts one by one and remove them completely from the threaded rods.
3. Check and verify that no persons or animals are present within the hazard zone.
4. Use the hand pump for the clamping cylinders to retract the cylinders until they are fully disengaged from the container hatch.
5. Then use the hand pump for the container hatch cylinders to hydraulically open the container hatch.

6.6. Closing the container hatch

6.6.1. Free-swinging container hatch

1. Close the container hatch and check the seal for any obstructions that could prevent it from sealing correctly.
2. Position the clamping cylinders against the container hatch.
3. Check that the hand pump is set to the correct operating direction and operate the pump until all clamping cylinders firmly press the container hatch into the closed position.
4. Secure the container hatch using the locking bolts.

6.6.2. Hydraulic operation

1. Set the hand pump for the container hatch to the correct operating direction and operate the pump until the container hatch is fully closed.
2. Check the seal for any obstructions that could prevent it from sealing correctly.
3. Position the clamping cylinders against the container hatch.
4. Check that the clamping cylinder hand pump is set to the correct operating direction and operate the pump until all clamping cylinders firmly press the container hatch into the closed position.
5. Secure the container hatch using the locking bolts.

7. Initial commissioning

The container tank is thoroughly tested by Peeters Landbouwmachines B.V. before leaving the factory. As a result, the container tank is ready for use immediately upon delivery. However, it is not possible to test the compatibility between the hook-lift system and the container tank in advance. Therefore, particular attention should be paid when filling and picking up the container tank for the first time.

7.1. Filling for the first time

Upon delivery, the container tank is completely liquid-tight, provided that the maximum and minimum gauge pressures of +0.5 bar and -0.5 bar, respectively, are not exceeded. Set the pump accordingly and check the tank for leaks when filling it for the first time.

7.2. Picking up for the first time

When picking up the container tank for the first time, pay particular attention to the alignment between the hook of the hook-lift system and the hook on the container tank.

Also check the rollers of the container skid. They must be able to rotate freely while picking up and setting down the container tank.

7.3. Cleaning the exterior for the first time

Do not clean the container tank with steam or a high-pressure cleaner during the first six weeks after commissioning. The coating requires this period to fully cure.

During this curing period, the coating may not yet have reached its full hardness and may be damaged by steam cleaning, high-pressure cleaning, or aggressive cleaning agents.

8. Machine Maintenance and Personal Protective Equipment (PPE)



Timely and correctly performed maintenance is essential for reliable operation and a long service life of the machine. Always use the prescribed personal protective equipment (PPE) when carrying out maintenance.

Before performing any maintenance, cleaning or repair work, ensure that at least the following safety precautions are taken and the required PPE is worn:

- The ignition of the towing vehicle is switched off and the ignition key has been removed.
- The machine is parked or set down on a stable, level surface and secured against unintended movement.
- The hydraulic system has been fully depressurised.
- A safe working environment has been established.
- Appropriate personal protective equipment is worn: protective gloves, safety glasses and safety footwear.

Maintenance and repair work may only be carried out by qualified personnel who have read and understood all operating and safety instructions.



CAUTION! *Never enter the tank! Doing so is potentially fatal due to the presence of toxic and asphyxiating gases. If work must be carried out inside the tank, the tank must first be professionally cleaned by a qualified specialist.*

8.1. Maintenance intervals

○ = inspect / lubricate / top up ● = replace	Before each use	First 8 operating hours	Weekly	Every 2 weeks	Monthly	Quarterly	Every 6 months	Every year	Every 2 years
1: Check for damage or cracks			○						
2: Inspect hydraulic system				○					○
3: Inspect moisture trap	○								
4: Clean exterior of tank					○				
5: Tighten bolted connections		○							○

8.2. Inspection for damage or cracks

Inspect the entire structure for signs of damage or cracking. Pay particular attention to the container skid and the hook-lift coupling point, as these components are subject to wear and have an increased risk of damage.

8.3. Hydraulic System Inspection

8.3.1. Hand pump

The hand pump has an integrated hydraulic fluid reservoir. It is important that the fluid level in this reservoir never falls below the minimum level. If the fluid level becomes too low, air may enter the hydraulic system and the system will need to be bled.

Therefore, check the hydraulic fluid level in the hand pump reservoir every two weeks.

8.3.2. Hydraulic cylinders

The hydraulic cylinders on the container tank must be inspected annually for damage and wear. Pay particular attention to the seals and the condition of the cylinder rods. If any defects are found, the affected cylinder must be replaced or overhauled.

8.3.3. Hydraulic hoses

	CAUTION! <i>Never use your hands to check for hydraulic leaks. Hydraulic fluid under high pressure can penetrate the skin and cause serious injury and blood poisoning. If fluid injection is suspected, seek immediate medical attention.</i>
	CAUTION! <i>Before carrying out any work, always ensure that the hydraulic system is completely depressurised. Removing a component while it is still under pressure can cause serious injury.</i>

Hydraulic hoses and lines must be inspected by a qualified person for damage and wear at least **once a year**. If any damage or wear is detected, the affected component must be replaced or repaired immediately before the machine is put back into operation.

Replacement hoses must meet the minimum specified quality standard: **SAE 100 R2A in accordance with DIN 20022/2**.

Always avoid contact with leaking fluids under pressure. Before carrying out any work on the hydraulic system, ensure that the system is completely depressurised.



8.4. Moisture trap inspection

The moisture trap must be inspected before each use by means of the fitted sight glass. If liquid is visible in the sight glass, the moisture trap must be drained. The moisture trap can be drained using the drain valve located at the bottom. Ensure that the discharged liquid is collected and disposed of in accordance with the applicable laws and regulations.

8.5. Cleaning the exterior of the tank



CAUTION! During the first **6 weeks**, the exterior of the tank must not be cleaned using steam or a high-pressure washer. During this period, the paint is still curing and may be damaged by these cleaning methods.

Regularly cleaning the exterior of the tank helps prevent deterioration and corrosion. Clean the tank at least once a month using a high-pressure washer. Avoid aggressive cleaning agents and use water only.

8.6. Tightening bolted connections

After the first 8 operating hours, all bolted connections must be checked and tightened to the specified torque.

Size	Wrench size (mm)	Tightening torque (Nm)
M8	13	27
M10	17	57
M12	19	101
M14	22	148
M16	24	230
M18	27	348
M20	30	464
M22	32	634
M24	36	798
M27	41	1176
M30	46	1597

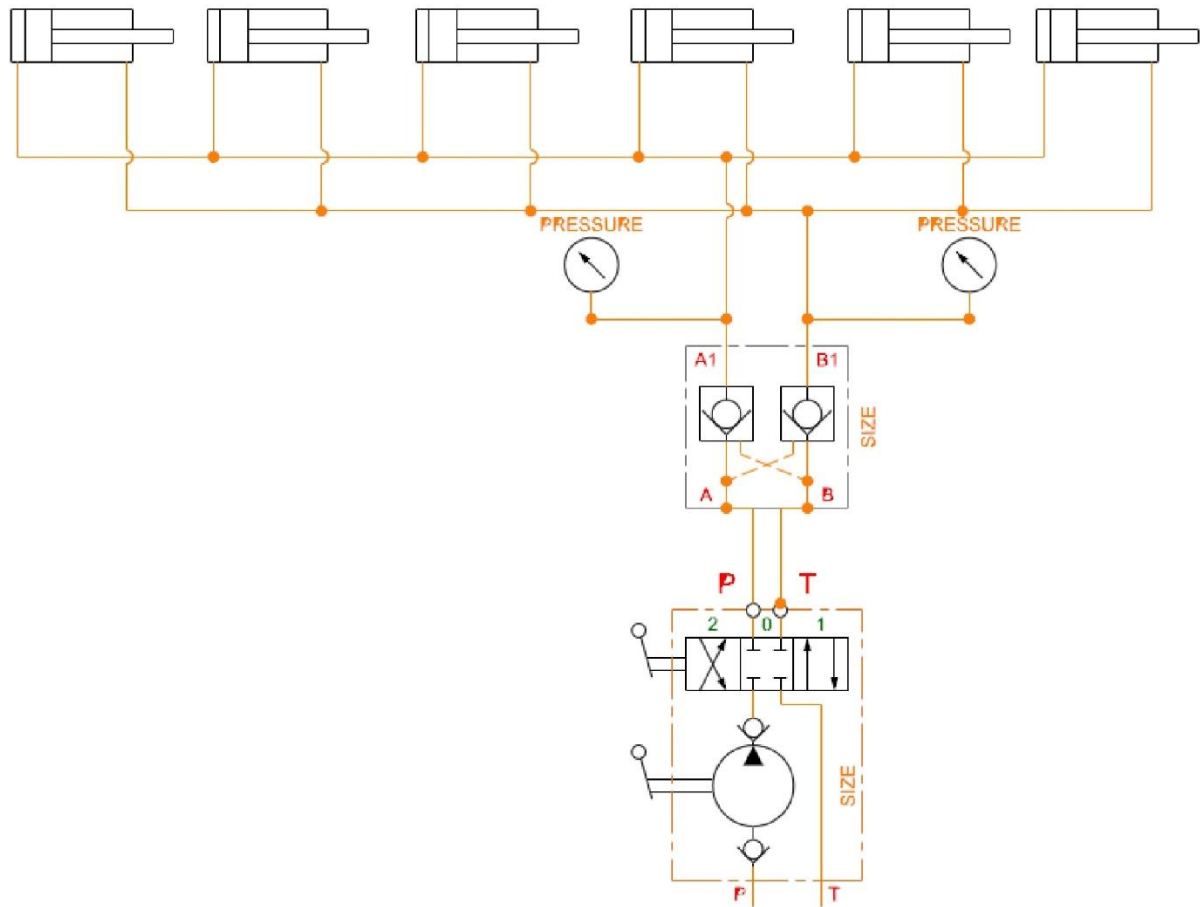
9. Troubleshooting

For more information on troubleshooting, refer to the table below or visit <https://peecon.com/troubleshooting/>. If the fault cannot be resolved using the information in this table, contact your dealer or Peeters Landbouwmachines B.V.

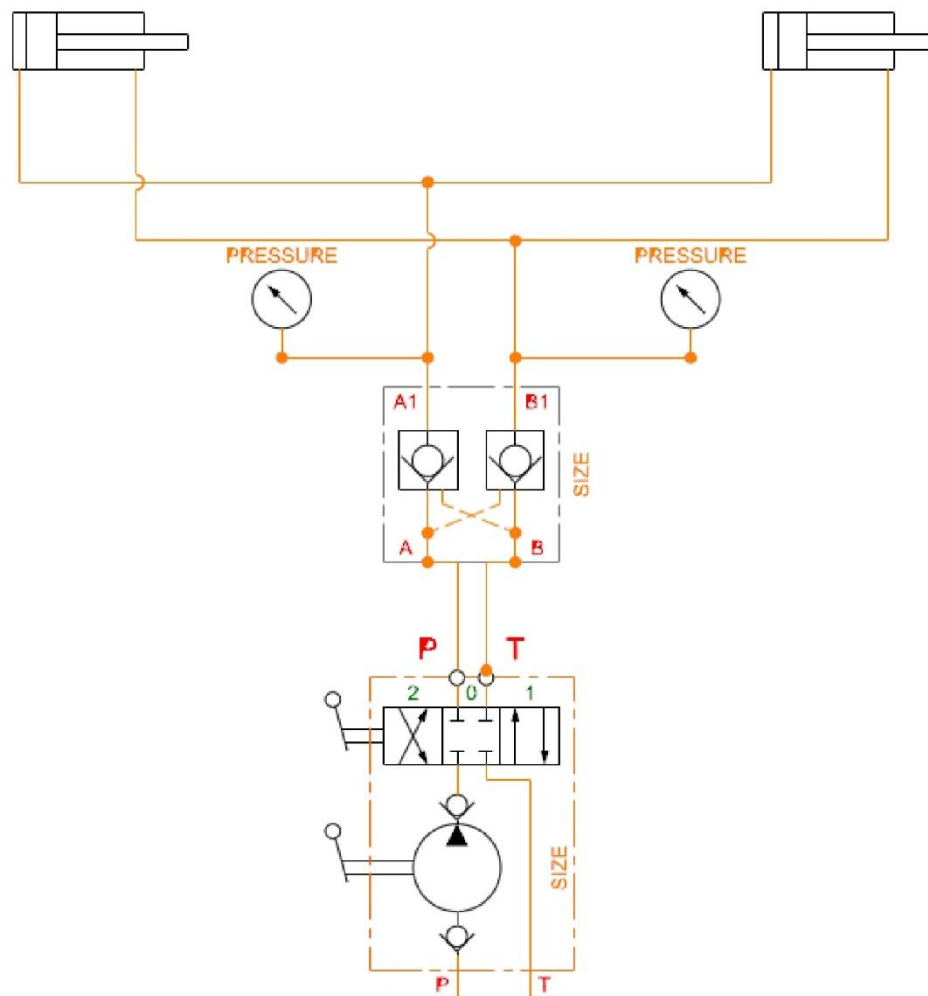
Fault	Cause	Corrective Action / Solution
The hydraulic functions of the tank are not available.	Blockage in the hydraulic system	Check the hydraulic system for blockages.
	No hydraulic fluid in the hand pump reservoir	Refill the hand pump reservoir and bleed the hydraulic system. To do this, slightly loosen the fitting on the cylinder furthest from the hand pump and operate the pump until hydraulic fluid emerges from the fitting. Repeat this procedure for all cylinders, working back towards the hand pump.
The tank cannot be filled completely.	Blockage in the filling line	Clean the filling lines. This must be carried out by a qualified person due to the possible presence of toxic, flammable and/or asphyxiating gases.
	Blockage in the moisture trap	Check the moisture trap for blockages and remove any blockages found.
	The viscosity of the tank contents is too high	Try to dilute or mix the contents more thoroughly before filling.
The container hatch is leaking.	The container hatch is not sufficiently tightened	Use the clamping cylinders to firmly secure the container hatch, then tighten the locking lugs further.
	The seal between the tank and the container hatch is damaged or worn	The seal must be replaced. Contact your dealer or Peeters Landbouwmachines B.V. for a replacement part.
Emptying the tank takes too long.	Blockage in the line	Clean the lines. This must be carried out by a qualified person due to the possible presence of toxic, flammable and/or asphyxiating gases.
	The pressure relief valve is releasing excess pressure	Check that the pump pressure is set correctly. If the pump pressure is correctly set, the pressure relief valve is defective and must be replaced. Contact your dealer or Peeters Landbouwmachines B.V. for a replacement part.

10. System Diagrams

10.1. Hydraulic diagram – clamping cylinders



10.2. Hydraulic diagram – rear hatch cylinders



11. Safety Data Sheets for fluids

This chapter contains the Safety Data Sheets (SDS) for the standard fluids used in the machine. These are the fluids used by Peeters Landbouwmachines B.V. during factory production. The use of these fluids is recommended. Alternative fluids and lubricants may also be used, provided that they meet the same specifications and standards.



CAUTION! Never mix different lubricants unless explicitly permitted by the lubricant manufacturer. Mixing lubricants may cause undesirable chemical reactions, which could result in serious damage to machine components.

11.1. General-purpose grease

STANDARD	GREASE USED
ISO 6743-09	Texaco Multifak Premium 3 https://cglapps.chevron.com/sdspds/SDSDetailPage.aspx?docDataId=443804&docFormat=PDF

11.2. Hydraulic oil

STANDARD	HYDRAULIC OIL USED
ISO VG 60	Chevron Textran TDH Premium https://cglapps.chevron.com/msdspds/SDSDetailPage.aspx?docDataId=621925&docFormat=PDF