



A TEREX BRAND

Operator's Manual

Serial number range

GTH-3007

From s/n: 19051
to s/n: 20203

AGRI-730

From s/n: 19241
to s/n: 20180

With Maintenance
Information

First Edition
First Printing
Part No. 57.0009.0445

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

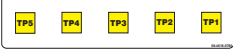

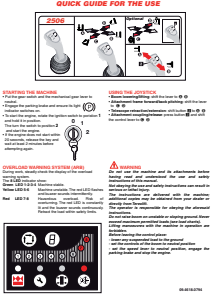
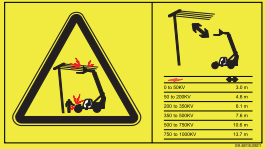



- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

Labels And Plates Applied On The Machine

Ref.	Decal	Code	Description	Qt.
9		09.4618.0786	Label - Testing ports	1
10		09.4618.0776	Label - Upper Door Unlock System	1
11		09.4618.0794	Quick guide and Control lever decal for GTH-3007	1
12		09.4618.0921	Label - Use limits close to electric power lines	1
13		09.4618.0792	Label - Engine Cover Closing	1
14		09.4618.0922	Crush Hazard	6
15 16 17		09.4618.0240 09.4618.0241 09.4618.0242	Cosmetic - GENIE Logo in WHITE	1 1 1

Safety Precautions

■ EXPLOSION OR FIRE hazards

- Do not start the engine if you smell or detect LPG, gasoline, diesel fuel or other explosive substances.
- Do not refuel the machine with the engine running.
- Refuel the machine and charge the battery only in a well ventilated area away from sparks, naked flames and lighted cigarettes.
- Do not operate the machine in dangerous environments or in places with flammable or explosive gases or materials.
- Do not inject ether in engines equipped with glow plugs.
- Do not leave fuel cans or bottles in unsuitable places.
- Neither smoke nor use open flames in areas subject to fire dangers and in presence of fuel, oil or batteries.
- Carefully handle all flammable or dangerous substances.
- Do not tamper with fire-extinguishers or pressure accumulators.

■ DAMAGED COMPONENT hazards

- Do not use battery chargers or batteries with a voltage above 12V to start the engine.
- Do not use the machine as a ground for welding.

■ PERSONAL INJURY hazards

- Do not operate the machine in case of hydraulic oil or air leak. Air or hydraulic oil leaks can penetrate or burn the skin.
- Always operate the machine in a well ventilated area to avoid carbon monoxide poisoning.
- Do not lower the boom if the area underneath is not clear of personnel or obstructions.



Controls And Instruments

Auxiliary drive controls

23 Cab Heater Fan Switch

Three-position switch:



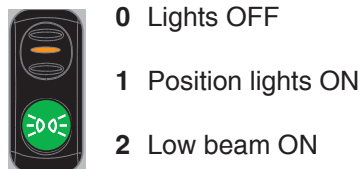
31 A/C Switch (OPTIONAL)

Two-position switch:



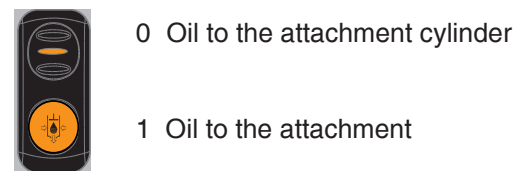
24 Road Lights Switch

Three-position switch placed on the right side of the dashboard:



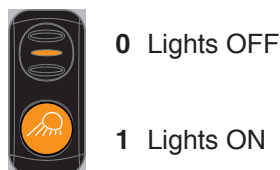
32 Auxiliary Hydraulic Circuit (OPTIONAL)

Two-position switch. The pressure of this button causes the switching of the hydraulic circuit for the movement of the attachments equipped with auxiliary lines.



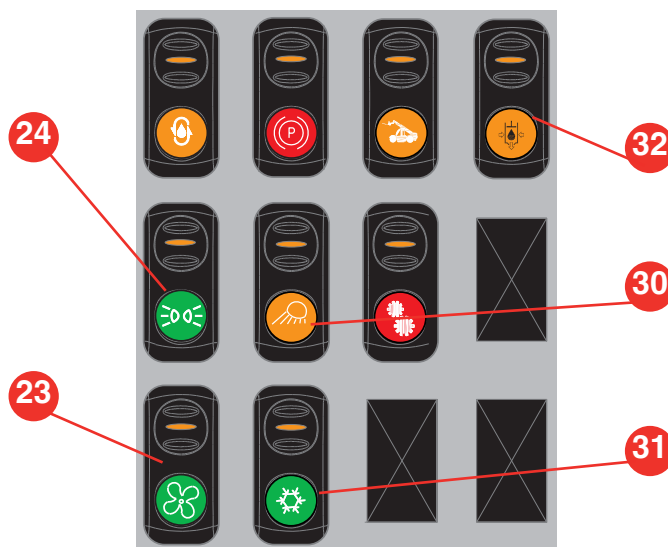
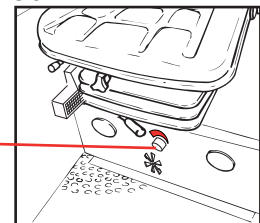
30 Work Lights Switch (OPTIONAL)

Two-position switch:



12 Cab Heater Control Knob

Located at the bottom of the driving seat base, it adjusts the flow of heated air in the cab.



Inspections



Make sure:

- You learn and practice the principles of safe machine operation contained in this operator's manual.

- 1 Avoid hazardous situations.
- 2 **Always perform a pre-operation inspection.**

Know and understand the pre-operation inspection before going on to the next section.

- 3 Always perform function tests prior to use.
- 4 Inspect the workplace.
- 5 Only use the machine as it was intended.

Pre-operation Inspection Fundamentals

It is the responsibility of the operator to perform a pre-operation inspection and routine maintenance.

The pre-operation inspection is a visual inspection performed by the operator prior to each work shift. The inspection is designed to discover if anything is apparently wrong with a machine before the operator performs the function tests.

The pre-operation inspection also serves to determine if routine maintenance procedures are required. Only routine maintenance items specified in this manual may be performed by the operator.

Refer to the list on the next page and check each of the items.

If damage or any unauthorized variation from factory delivered condition is discovered, the machine must be tagged and removed from service.

Repairs to the machine may only be made by a qualified service technician, according to the manufacturer's specifications. After repairs are completed, the operator must perform a pre-operation inspection again before going on to the function tests.

Scheduled maintenance inspections shall be performed by qualified service technicians, according to the manufacturer's specifications.

Operating Instructions

■ STARTING THE MACHINE

When the engine reaches the running temperature, ensure all parts are in transfer position and the gearbox lever is in neutral. Then, proceed as follows:

- Select the required steering mode.
- Select the required gear (forward or reverse).
- Release the parking brake.
- Slowly step on the gas pedal to start moving off.



Do not operate the forward/reverse gear lever when the machine is running. The machine would reverse the running direction abruptly and you could seriously be injured.

■ STOPPING AND PARKING THE MACHINE

When possible, stop the machine on a dry, level and solid ground. Then:

- Bring the machine to a smooth stop by easing up the gas pedal and stepping down on the brake pedal.
- Set the forward/back speed lever to neutral position.
- Engage the parking brake and ensure its indicator light switches on.
- Release the service brake pedal.
- Rest the attachment coupled to the boom flat on the ground.
- Rotate the ignition key to "0" and remove the key.
- Leave the driving cab and lock the cab door.



Always face the machine when getting off the driving cab; make sure that your hands and shoe soles are clean and dry, and hold to the handholds to prevent falls or slips.



Always engage the parking brake after stopping the machine to prevent possible accidental motions of the vehicle.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

Transporting The Machine

■ PARKING AND STORAGE

■ Short inactivity

Always park the machine in a safe way after a working day, a shift and at night.

Take all precautions to prevent damage to those persons who will approach the machine while stationary:

- Park the machine so that it does not hinder other operations.
- Lower the boom fitted with attachment on the ground.
- Disengage the transmission and put the parking brake.
- Remove the key from the ignition switch and lock the cab door.



Leaving a battery connected can result in shorts and, as a consequence, in a fire.

■ Machine storage

In case of extended inactivity of the machine, follow the above precautions. Additionally:

- Wash the machine thoroughly. For a better cleaning, remove grills and protection casings.
- Carefully dry all machine parts by blowing some compressed air.
- Lubricate the machine thoroughly.
- Do a walk-around inspection and replace any worn or damaged part.
- Re-paint any worn or damaged part.
- Remove the battery, smear its terminals with vaseline and store it in a dry place. Battery can be used for other purposes. Otherwise, periodically check its charge level.
- Refuel the tank to prevent internal oxidation.
- Store the machine in a sheltered and well-ventilated place.
- Start the engine for about 10 minutes at least once a month.
- When weather is particularly cold, empty the radiator.

NOTICE

Always remember that the ordinary maintenance must be carried out even during the machine inactivity. Pay particular attention to the fluid levels and to those parts subject to ageing. Before re-starting the machine, carry out an extraordinary maintenance and carefully check all mechanical, hydraulic and electrical components.

Maintenance


■ CHECKING THE OIL LEVEL IN THE TANK



Fine jets of hydraulic oil under pressure can penetrate the skin. Do not use your fingers, but a piece of cardboard to detect oil leaks.

Visually check the hydraulic oil level through level **A** located on the reservoir and visible through the slot on the right side of the chassis.

When necessary, add new oil through filler **B**.

 **SERVICE INTERVAL**

Running-in _____ **Within the first 10 hours**

Ordinary _____ **Every 50 hours**



The handling and disposing of used oils can be ruled by local or national regulations. Address to authorised centres.

■ CHANGING THE HYDRAULIC OIL



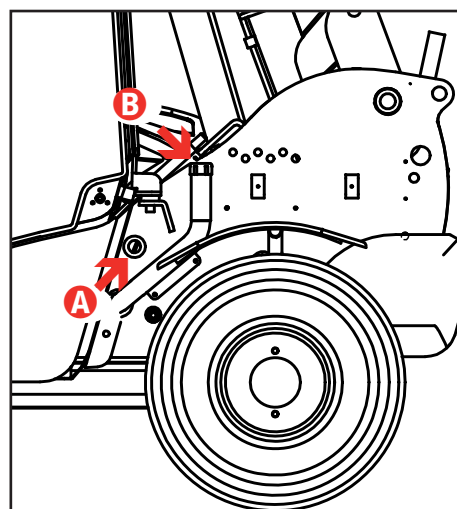
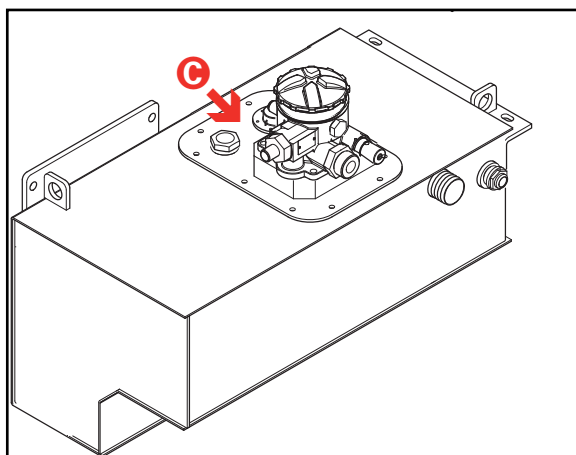
To change the hydraulic oil, proceed as follows:

- 1 Stop the machine on a level ground and make sure the parking brake is engaged.
- 2 Release the pressure from the hydraulic circuit.
- 3 Place a container of suitable size under the drain plug, placed in the lower part of the reservoir, and collect any oil leaks.
- 4 Remove the drain plug and allow oil to flow out into the container.
- 5 Remove the inspection cover of tank **C**.
- 6 Carefully wash the tank with Diesel oil and blow a jet of compressed air.
- 7 Refit the drain plug and the inspection cover.
- 8 Add new oil by making sure that it matches the recommended type until it is level with **A**.

 **SERVICE INTERVAL**

Running-in _____ **None**

Ordinary _____ **Every 1000 hours**

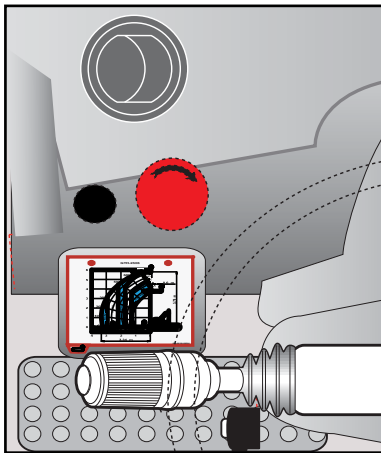


Maintenance

■ EMERGENCY STOP PUSHBUTTON

Located on the dashboard, to the right of the steering wheel. Pressing down this button stops the engine of the machine.

Before starting work again, find and rectify the relevant causes, then reset the button to neutral position turning it clockwise.



■ Checking the emergency stop pushbutton (at every use)

To check the efficiency of this pushbutton, simply press it down during a movement. The pressure of the pushbutton shall cause the movement to stop and the engine to shut down.

Faults And Troubleshooting

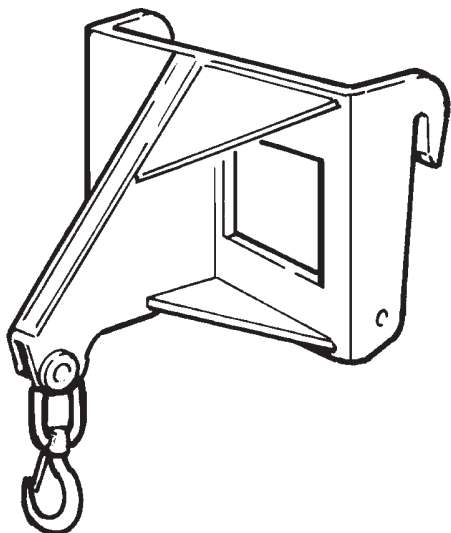
PROBLEM	CAUSES	SOLUTIONS
ERROR MESSAGES OF THE DLE LOAD LIMITING SYSTEM SHOWN ON THE DISPLAY	1 E2PROM error	<ul style="list-style-type: none"> Stop and restart the machine to RESET the system. If the error message is still shown, address to the TEREXLIFT service centre to re-calibrate the machine.
	2 The value read from CELL 1 is higher than max permissible	<ul style="list-style-type: none"> Check the wiring between control panel and load cell Check that the load cell is fixed correctly Check the connecting cable or the connectors is/are not shorted If the error message is still shown, address to the TEREXLIFT service centre and let the load cell be checked.
	4 Block relay error during operation	<ul style="list-style-type: none"> Check the efficiency of relay and wiring Stop and restart the machine and check the outputs. If the error message is still shown, address to the TEREXLIFT service centre to replace the DLE unit.
	5 - 8 Block relay error when power is turned on	<ul style="list-style-type: none"> Check the efficiency of relay and wiring Stop and restart the machine and run a new test. If the error message is still shown, address to the TEREXLIFT service centre to replace the DLE unit.
ERROR MESSAGES OF THE DLE LOAD LIMITING SYSTEM SHOWN ON THE DISPLAY	A Data error in RAM	<ul style="list-style-type: none"> Stop and restart the machine. If the error message is still shown, address to the TEREXLIFT service centre.
	C Error in A.D.C. reading check	<ul style="list-style-type: none"> Stop and restart the machine. If the error message is still shown, address to the TEREXLIFT service centre.

NOTICE

In case of faults not listed in this chapter, address to the TEREXLIFT Technical Assistance, your nearest authorised workshop or dealer.

Optional Attachments

■ **3000 KG FIXED HOOK ON PLATE**
 (code 59.0700.4000)



Application

Quick-coupling fitted attachment for lifting loads by means of special slings.

Safety

Strictly obey the general safety precautions given in section "Safety".
 Do not oscillate the load.
 Do not drag hooked loads.
 Lift the load before extending the boom.

Operation

Fork the hook and hold it in position by means of the locking cylinder.
 All loads must be bridled with special textile slings or chains in compliance with all pertinent regulations.
 To handle the load, raise and rotate the telescopic boom of the handler.

Maintenance

Visually check the hook for damage before using it.
 Check the safety catch is in good working order.

TECHNICAL DATA	
Payload	3000 kg
Width	930 mm
Length	370 mm
Height	415 mm
Weight	120 kg



The fixed hook has been designed to support a load of 3000 kg. The max payload corresponds to the nominal capacity rating of the handler on which it is installed and is indicated on the load charts supplied with the equipment.

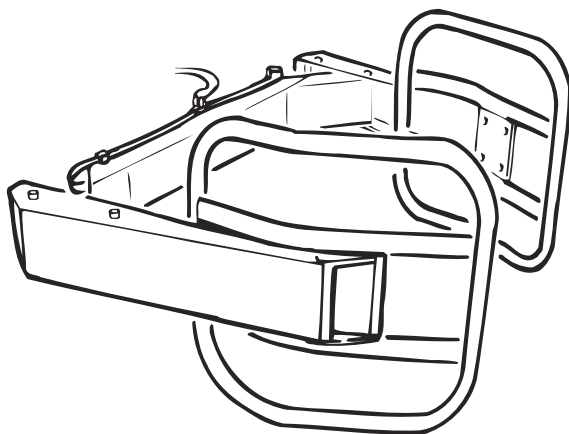


Make sure this attachment can be used in the destination country of the machine. Application must be submitted directly by the user.

Optional Attachments

■ GRAB FOR COVERED BIG-BALLER (ONLY FOR AGRI-730)

(code 59.1300.5000)



TECHNICAL DATA	
Payload	1000 kg
Width	1480 mm
Height	1680 mm
Weight	250 kg
Bale dimensions (Min./Max.)	800/1500 mm
Additional hydraulic lines	2

Application

Quick coupling attachment specifically for moving cylindrical bales.



Do not load more than one bale at a time on the entire attachment.

Safety

Strictly obey the general safety precautions given in section "Safety".

Operation

Connect the attachment to the boom.

Maintenance

Visually check the shovel for damage before using it. Check that there are no hydraulic oil leaks. Grease the joints and the sliding guides daily using a greasing gun.

Load Charts

■ GTH-3007

under construction

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL

- Thank you very much for reading the preview of the manual.
- You can download the complete manual from: www.heydownloads.com by clicking the link below



- Please note: If there is no response to CLICKING the link, please download this PDF first and then click on it.

CLICK HERE TO **DOWNLOAD** THE COMPLETE MANUAL