



A TEREX BRAND

# *Operator's Manual*

Serial Number Range

**GTH™-1056**

From GTH10E-12500

with  
Maintenance  
Information

Seventh Edition  
Fifth Printing  
Part No. 1281112GT

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## Work Area Safety

### ⚠ Tip-over Hazards



Using the appropriate load chart for the machine configuration, confirm that the load is within the rated capacity of the machine. Do not exceed the rated load.

The load center on the fork (if equipped) must be equal to or less than the load center indicated on the load chart. If the load center is further from the fork face than shown on the load chart, refer to the Load Chart section of this manual.

All loads shown on the load chart are based on the machine being on firm, level ground, the frame being level, the forks being positioned evenly on the carriage, the load being centered on the forks, the tires being properly sized and properly inflated, and the telehandler being in good operating condition.

If using accessories, read, understand and obey the decals, instructions and manuals with the accessory.

Do not raise the load unless the ground can support all forces imposed by the machine.

Do not lower a load without retracting the boom first.

Do not operate the machine if the load chart is missing.

Do not exceed the rated capacity for each configuration.

Do not use the swing carriage with 60-inch (1.5 m) or 72-inch (1.8 m) forks. Only use the swing carriage with 48-inch (1.2 m) forks.

Do not attempt to jump free of the machine during a tip-over. The ROPS (Roll Over Protective Structure) is designed to protect you.



If the telehandler starts to tip over:

- Do not jump
- Brace yourself and stay in the seat
- Keep your seat belt fastened
- Hold on firmly
- Lean away from the point of impact
- Keep head, arms, hands, legs and all other body parts inside the operator's cab at all times.



Do not raise the boom unless the machine is level. The machine level indicator should be at zero degrees.

Do not level the machine using the frame sway control unless the boom angle indicator is at zero degrees or less.



Do not use the sway control to position an elevated load.

## Controls

- 17 Left stabilizer up/down switch  
Push the top of the rocker switch to raise the left stabilizer. Push the bottom of the rocker switch to lower the left stabilizer.
- 18 Accelerator pedal
- 19 Brake pedal
- 20 Tilt steering pedal  
Push and hold the tilt steering pedal to release the steering column. Move the steering wheel to desired position and release the pedal.
- 21 Windshield washer/wiper switch (if equipped)  
Push the right side of the rocker switch to turn the wiper on. Push and hold the right side of the rocker switch to turn the washer on. Release the switch to turn the washer off. Push the left side of the rocker switch to turn the wiper off.
- 22 Skylight washer/wiper switch (if equipped)  
Push the right side of the rocker switch to turn the wiper on. Push and hold the right side of the rocker switch to turn the washer on. Release the switch to turn the washer off. Push the left side of the rocker switch to turn the wiper off.
- 23 Lights switch (if equipped)  
Push the top of the rocker switch to turn the lights on. Push the bottom of the rocker switch to turn the lights off.
- 24 Transmission control lever  
Move the transmission control lever toward you and move it up for forward gear. Move the lever toward you and move it down for reverse gear. Move the lever to the center position for neutral. Turn the lever clockwise to shift to a lower speed. Turn the lever counterclockwise to shift to a higher speed.
- 25 Boom lights switch (if equipped)  
Push the right side of the rocker switch to turn the boom lights on. Push the left side of the rocker switch to turn the boom lights off.
- 26 Engine emissions regeneration switch :Deutz models (if equipped)  
Push the right side of the rocker switch to activate the SCR cleaning system.
- 27 Diagnostic button  
Push and hold the button for 5 seconds to display error codes. If more than one error code is displayed, continue to push button to view all codes. After all codes are displayed, push and hold button for 5 seconds to return to home screen.
- 28 Instrument panel

# Inspections

## Inspection for Decals with Words

Determine whether the decals on your machine have words or symbols. Use the appropriate inspection to verify that all decals are legible and in place.

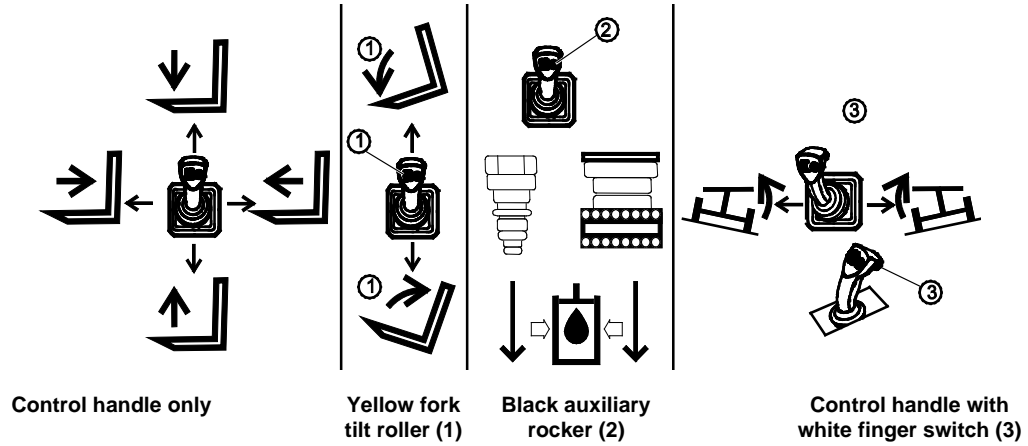
Part No.	Decal Description	Qty
28159	Label – Diesel	1
38149	Label – Patent	1
82366	Label – Chevron Rando	1
82558	Warning – Skin Injection Hazard	2
97602	Warning – Explosion Hazard	1
114083	Cosmetic – Genie Logo, White	1
114090	Label – Transmission Control	1
114115	Label – Steer Model Selector	1
114379	Cosmetic – Genie GTH-1056	2
114461	Cosmetic – GTH-1056	1
133206	Label – Emergency Exit	1
214418	Danger/Warning – 2 Decal Combination	3
214419	Danger/Warning – 6 Decal Combination	1
215268	Warning – Fall Hazard, Work Platform	1
215384	Label – FOPS/ROPS	1
215625	Label – Load Chart, 1-2**	1
215626	Label – Load Chart, 2-3**	1
215627	Label – Load Chart, 3-4**	1
215628	Label – Load Chart, 4-5**	1
215629	Label – Load Chart, 5-6**	1
215630	Label – Load Chart, 6-7**	1
215631	Label – Load Chart, 7-8**	1
219626	Label – Genie Logo	1
231155	Label – Boom Lettering	1
237599	Warning – Bodily Injury Hazard	1
237601	Danger – Explosion/Burn Hazard	1
237605	Warning – Burn Hazard, Hot Parts	1

Part No.	Decal Description	Qty
237796	Cosmetic – Genie Logo	1
237970	Warning – Crush Hazard, Tires	3
237971	Danger – Explosion/Burn Hazard, Fueling	1
826345	Label – Ultra Low Sulfur Fuel Only (diesel models)	1
1253091	Label – Key Ignition	1
1255823	Label – 3-speed Transmission	1
1258407	Label – Load Chart, 8-9**	1
1263543	Warning – Compartment Access	1
1266002	Label – SCR Cleaning Operation Switch	1
1266003	Label – Indicator Light	1
1268754	Label – DEF Fill Deutz	1
1269532	Label – Exterior Emergency Exit	1
1272242	Label – Machine Registration/Owner Transfer	1
1272926	Label – Fuse and Relay Panel	1
1280264	Warning – Crush Hazard, Moving Machine	3
1280293	Danger – Crush Hazard, Stabilizers	4
1280294	Warning – Burn Hazard	2
1280295	Label – Tip-over Hazard, Truss Boom	2
1280819	Label – Warning, Prop 65	1
1280820	Label – Fuel, Diesel Exhaust, Prop 65	1
1280887	Label – Tip-over Hazard, Forks	2
1280888	Warning – Crush Hazard, Moving Parts	2
1284367	Label – Electronic Controller	1
1285068	Warning – Safety Chock	1
1285475	Instructions - Operating Instructions, Platform	1
1298403	Notice - Differential Lock	1

\* These decals are model, option or configuration specific.

# Operating Instructions

## Controller movements – Electronic Control Handle



## Maintenance

### Check the Engine Coolant Level – Liquid Cooled Models



Maintaining the engine coolant at the proper level is essential to engine service life. Improper coolant level will affect the engine's cooling capability and damage engine components. Daily checks will allow the inspector to identify changes in coolant level that might indicate cooling system problems.

#### Perkins Engines:

- 1 Check the fluid level in the radiator.
- ⊙ Result: The fluid level should be at the bottom of the filler neck.
- ▲ Bodily Injury Hazard. Fluids in the radiator are under pressure and extremely hot. Use caution when removing cap and adding fluids.

#### Deutz Engines:

- 1 Check the fluid level in the sight glass located on the radiator expansion tank.
- ⊙ Result: The fluid level should be at the half way mark of the sight glass when the engine is cold.

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#### Coolant Specification

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Perkins and Deutz engines	Extended Life Coolant (ELC)
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### Check the Tire Pressure



- ▲ Tip-over hazard. An over-inflated tire can explode which may compromise machine stability and cause the machine to tip over.
- ▲ Tip-over hazard. The use of temporary flat tire repair products may lead to tire failure which could compromise machine stability and cause the machine to tip over.
- ▲ Bodily injury hazard. An over-inflated tire can explode and may cause death or serious injury.

Note: This procedure does not need to be performed on machines equipped with foam-filled tires.

- 1 Check each tire with an air pressure gauge. Add air as needed.

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#### Tire pressure

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14.00 x 24 Tires	62 psi	4.3 bar
14.00 x 28 (360/85-28) Tires	72 psi	5.0 bar
<b>Rock lug tire pressure</b>	76 psi	5.2 bar

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## Attachments

### Traveling

Be sure that the path of travel is level and capable of supporting the telehandler with its load.

Keep the boom, and load, as low as practical while maintaining visibility in the direction of travel.

Ask a signal person to assist with your travel if visibility will be obstructed in the direction of travel.

Crush or Collision Hazard. Make sure that the signal person remains in constant communication and be in visual contact at all times.

Only make adjustments to the load after bringing the telehandler to a complete stop.

Start, stop, travel and turn slowly to prevent the load from becoming unstable or swinging.

Do not travel faster than walking speed (<2 mph/3.2 km/h).

### Placing the Load

Ask a signal person to assist with placing the load if visibility will be obstructed at the point of operation.

Make sure that the signal person remains in constant communication and be in visual contact at all times.

Come to a complete stop near the landing point.

If equipped with stabilizers: Lower the stabilizers.

Set the parking brake and place the transmission into neutral.

Slowly, and gradually, place the load over the landing point and lower the load until it is safely supported.

Once the load has been landed, continue to lower the boom until the rigging and tethers can be removed.

### Signal Person (from 1926.1419)

Per OSHA CFR 1926.1419, a signal person is required when:

The point of operation, meaning the load travel or the area near or at load placement, is not in full view of the operator.

When the equipment is traveling, the view in the direction of travel is obstructed.

Due to site specific safety concerns, either the operator or the person handling the load determines that it is necessary.

Signal persons must remain in constant communication (verbal or hand) and be in visual contact with the operator at all times.

When using hand signals, follow the requirements set forth in OSHA CFR 1926.1419-1926.1422.

The hand signal chart below may be used in place of the Standard Method in Appendix A of Subpart CC of Part OSHA CFR 1926.

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