



A TEREX BRAND

Operator's Manual

Serial Number Range

GS™-2669

from 5000

GS™-3369

GS™-4069

Bi-Energy Power

ANSI/CSA
North America
South America
Asia

with
Maintenance
Information

First Edition
Fourth Printing
Part No. 826570GT

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Work Area Safety

Do not transport tools and materials unless they are evenly distributed and can be safely handled by person(s) in the platform.

Do not use the machine on a moving or mobile surface or vehicle.

Be sure all tires are in good condition, castle nuts are properly tightened and cotter pins are properly installed.

Do not use batteries that weigh less than the original equipment. Batteries are used as counterweight and are critical to machine stability. For GS-2669 and GS-3369 machines with standard battery option, each battery must weigh 63 lbs / 29 kg. For GS-4069 machines and machines with high capacity battery option, each battery must weigh 72 lbs / 32.7 kg.

▲ Crushing Hazard

Keep hands and limbs out of scissors.

Keep hands clear when folding rails.




Do not work under the platform or in the scissor links without the safety arm in place.

Use common sense and planning when operating the machine with the controller from the ground. Maintain safe distances between the operator, the machine and fixed objects.

▲ Operation on Slopes Hazards

Do not drive the machine on a slope that exceeds the maximum uphill, downhill or side slope rating of the machine. Slope rating applies only to machines in the stowed position.

Maximum slope rating, stowed position

	Extension deck uphill	35% (19°)
	Extension deck downhill	15% (9°)
	Side slope	35% (19°)

Note: Slope rating is subject to ground conditions and adequate traction.

Inspections

Pre-operation Inspection

- Be sure that the operator's, safety and responsibilities manuals are complete, legible and in the storage container located in the platform.
- Be sure that all decals are legible and in place. See Inspections section.
- Check for engine oil leaks and proper fluid level. Add oil if needed. See Maintenance section.
- Check for hydraulic oil leaks and proper oil level. Add oil if needed. See Maintenance section.
- Check for battery fluid leaks and proper fluid level. Add distilled water if needed. See Maintenance section.

Check the following components or areas for damage, improperly installed, or missing parts and unauthorized modifications:

- Electrical components, wiring, and electrical cables
- Hydraulic power unit, reservoir, hoses, fittings, cylinders and manifolds
- Generator and related components
- Fuel and hydraulic tanks
- Drive motors
- Wear pads
- Tires and wheels
- Engine and related components
- Limit switches, alarms and horn
- Lanyard anchorage points
- Alarms and beacons (if equipped)

- Nuts, bolts and other fasteners
- Brake release components
- Safety arm
- Platform extension
- Scissor pins and retaining fasteners
- Platform control joystick
- Outrigger housing and footpads (if equipped)
- Battery pack and connections
- Ground strap
- Platform entry gate

Check entire machine for:

- Cracks in welds or structural components
- Dents or damage to machine
- Excessive rust, corrosion or oxidation
- Be sure that all structural and other critical components are present and all associated fasteners and pins are in place and properly tightened.
- Be sure side rails are installed and bolts are fastened.

Note: If the platform must be raised to inspect the machine, make sure the safety arm is in place. See Operating Instructions section.

Operating Instructions

▲ Driving on a slope

Determine the uphill, downhill and side slope ratings for the machine and determine the slope grade.



Maximum slope rating, extension deck uphill (gradeability): 35% (19°)



Maximum slope rating, extension deck downhill: 15% (9°)



Maximum side slope rating: 35% (19°)

Note: Slope rating is subject to ground conditions and adequate traction.

To determine the slope grade:

Measure the slope with a digital inclinometer OR use the following procedure.

You will need:

- carpenter's level
- straight piece of wood, at least 3 feet/1 m long
- tape measure

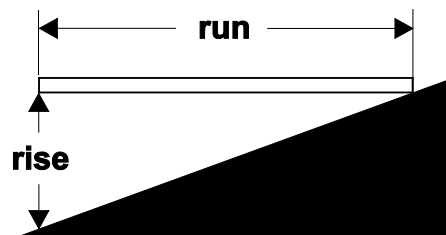
Lay the piece of wood on the slope.

At the downhill end, lay the level on the top edge of the piece of wood and lift the end until the piece of wood is level.

While holding the piece of wood level, measure the vertical distance from the bottom of the piece of wood to the ground.

Divide the tape measure distance (rise) by the length of the piece of wood (run) and multiply by 100.

Example:



Piece of wood = 144 inches (3.6 m)

Run = 144 inches (3.6 m)

Rise = 12 inches (0.3 m)

$12 \text{ in} \div 144 \text{ in} = 0.083 \times 100 = 8.3\% \text{ grade}$
 $0.3 \text{ m} \div 3.6 \text{ m} = 0.083 \times 100 = 8.3\% \text{ grade}$

If the slope exceeds the maximum slope or side slope rating, then the machine must be winched or transported up or down the slope. See Transport and Lifting section.

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