

Genie®

Operator's Manual

with Maintenance Information

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Part No. 65176

TML™-4000N

Important

Read, understand and obey these safety rules and operating instructions before operating this machine. Only trained and authorized personnel shall be permitted to operate this machine. This manual should be considered a permanent part of your machine and should remain with the machine at all times. If you have any questions, call Genie Industries.

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Safety Rules



Warning

Failure to obey the instructions and safety rules in this manual may result in death or serious injury.

Do Not Operate Unless:

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

1 Avoid hazardous situations.

Know and understand the above principle before going on to the next section.

2 Always perform a pre-operation inspection.

3 Always perform the function tests prior to use.

4 Inspect the workplace.

5 Only use the machine as it was intended.

☑ You read, understand and obey:

manufacturer's instructions and safety rules–operator's manual and machine decals

employer's safety rules and worksite regulations

applicable governmental regulations

SAFETY RULES

Fall Hazards



Do not stand on the machine.

Do not climb on the mast.

Tip-over Hazards

Do not raise the mast to the vertical position unless all outriggers are properly deployed, the foot pads are in firm contact with the ground and the machine is level.

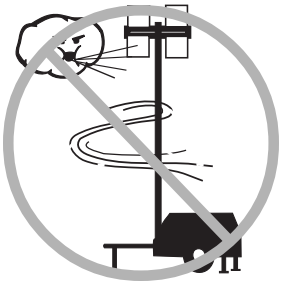
Do not set the machine up on a surface where it cannot be leveled using only the leveling jacks. Do not use chocks, blocks or shims of any kind to level the machine.

Do not hang any objects from the lights or mast.

Do not use the mast to raise material or personnel.

Do not move the machine unless the mast is lowered to the horizontal position and securely locked in place.

Do not extend the mast when wind speed may exceed 60 mph (27 m/sec).





Do not place ladders or scaffolds against any part of the machine.

Do not alter or disable machine components that in any way affect safety and stability.

Do not adjust or stow the outriggers when the mast is raised.

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

Be sure the tires are in good condition and the lug nuts are properly tightened.

Electrocution Hazards

This machine is **not** electrically insulated and will **not** provide protection from contact with or proximity to electrical current.

Maintain safe distances away from electrical power lines and apparatus in accordance with applicable governmental regulations and the following chart.

Voltage Phase to Phase	**Minimum Safe Approach Distance**	
	Feet	**Meters**
0 to 300V	Avoid Contact	
300V to 50KV	10	3.05
50KV to 200KV	15	4.60
200KV to 350KV	20	6.10
350KV to 500KV	25	7.62
500KV to 750KV	35	10.67
750KV to 1000KV	45	13.72

Allow for mast movement and electrical line sway or sag, and be aware of strong or gusty winds.

Keep away from the machine if it contacts energized power lines. Personnel must not touch or operate the machine until power lines are shut off.



Do not operate the machine during lightning or storms.

Do not use the machine as a ground for welding.

Do not connect wires directly to the generator. Connect auxiliary equipment only to the power outlets provided.

Inspect the power cord for damage prior to each use. Replace any damaged cord before operating.

Do not allow the power cord to become caught or crushed while raising, lowering or rotating the mast.

Avoid electrical shock from contact with battery terminals. Remove all rings, watches and other jewelry.

Collision Hazard

Check the work area for overhead obstructions or other possible hazards.

Bodily Injury Hazard

Do not grasp the cable.

Use proper lifting techniques when lifting and positioning the tongue of the machine.

Burn Hazard

Do not touch the lamp fixtures while they are turned on. Turn off the lamps and allow to cool before touching.

Crushing Hazards

Do not lower the mast unless the area below is clear of personnel and obstructions.

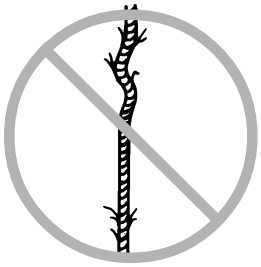
Do not release the spring latch on the side of the machine unless the mast sections are fully retracted.

Keep hands and fingers away from any potential pinch points.

Damaged Machine Hazards

Do not use a damaged or malfunctioning machine.

Do not use a machine with a worn, frayed, kinked or damaged cable.



Be sure the operator's manual is complete, legible and in the manual storage container located on the machine.

Be sure all decals are in place and legible.

Explosion and Fire Hazards

Do not start the engine if you smell or detect diesel fuel or other explosive substances.

Do not refuel the machine with the engine running.

Refuel the machine and charge the battery only in an open, well-ventilated area away from sparks, flames and lighted tobacco.

Do not operate the machine in hazardous locations or locations where potentially flammable or explosive gases or particles may be present.

Keep sparks, flames and lighted tobacco away from the battery. Batteries emit an explosive gas.

SAFETY RULES

Component Damage Hazards

Do not turn the lights on unless the engine is running. Always turn the lights off before shutting down the engine.

Do not use any battery charger greater than 12V to charge the batteries.

Do not expose the batteries or the charger to water or rain.

Improper Use Hazard

When leaving the machine unattended, secure from unauthorized use. Unauthorized personnel may attempt to operate the machine without proper instruction, creating an unsafe condition.

Towing Hazards

Read, understand and obey all of your tow vehicle manufacturer's recommendations, warnings and instructions before towing this trailer.

Do not tow the machine unless the mast is lowered to the horizontal position and the mast hold-down latch is securely locked in place.

Do not tow the machine on public roads unless it meets all governmental regulations for towing.

Do not exceed 60 mph / 97 km/h. Obey all local and national towing speed laws.

Do not overload your tow vehicle. Check the Gross Vehicle Weight Rating (GVWR) on the label, inside the driver door. To obtain the GVWR, add the tongue weight of the trailer to the vehicle weight (including vehicle, passengers and cargo).

Do not load cargo on the machine. The TML is not designed to carry any extra cargo.

Be sure the hitch is securely attached to the tow vehicle.

Be sure the safety chains (if required) are securely attached to the tow vehicle.

Be sure that all driving lights are operational.

Be sure all hitch components, lights and mirrors and methods of attaching the trailer to the tow vehicle conform to local, state and Federal regulations.

Be sure to chock the wheels of the trailer when parking on a hill.

Decal Legend

Genie product decals use symbols, color coding and signal words to identify the following:



Safety alert symbol—used to alert personnel to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠DANGER Red—used to indicate the presence of an imminently hazardous situation which, if not avoided, will result in death or serious injury.

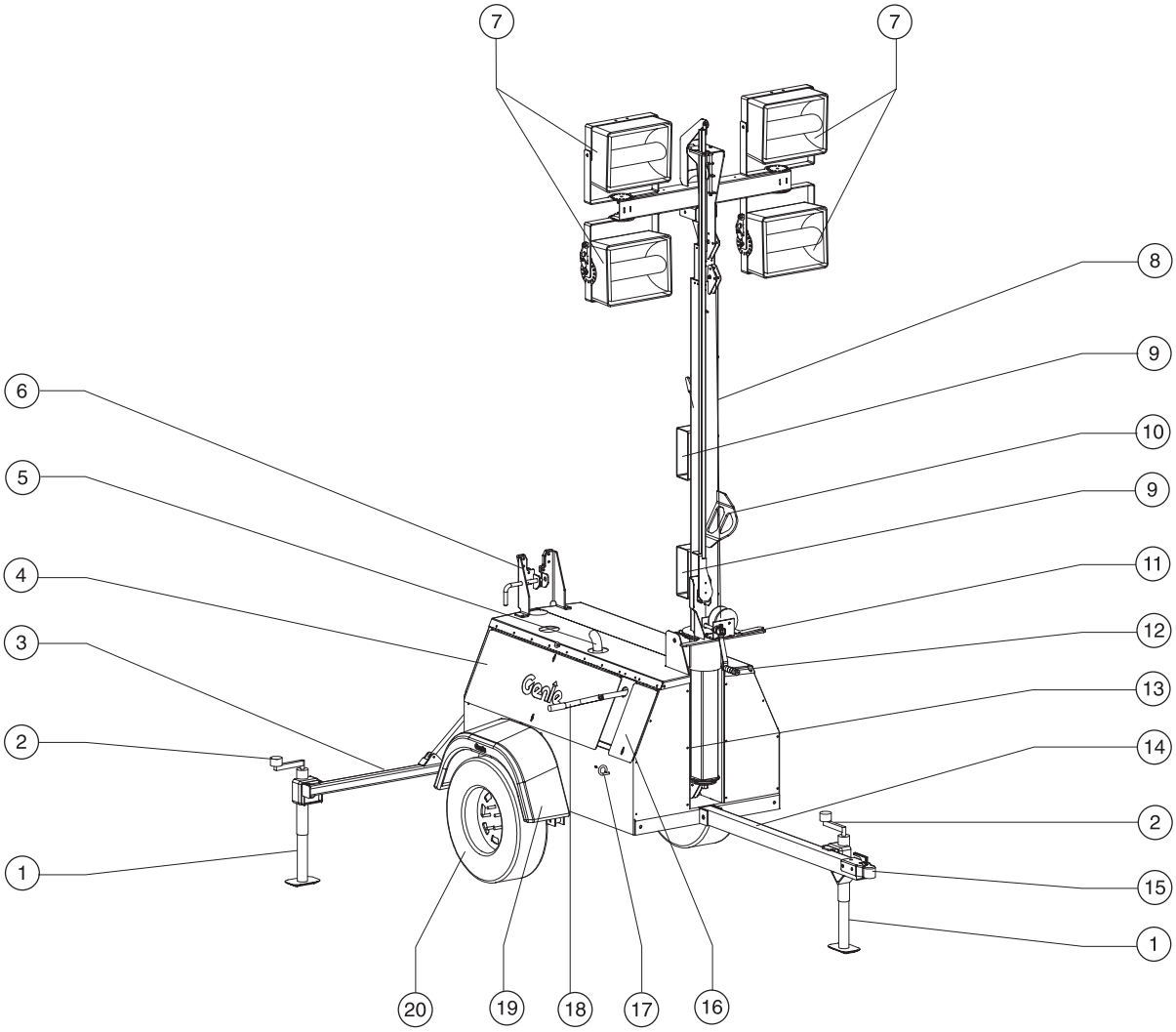
⚠WARNING Orange—used to indicate the presence of a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠CAUTION Yellow with safety alert symbol—used to indicate the presence of a potentially hazardous situation which, if not avoided, may cause minor or moderate injury.

CAUTION Yellow without safety alert symbol—used to indicate the presence of a potentially hazardous situation which, if not avoided, may result in property damage.

NOTICE Green—used to indicate operation or maintenance information.

Legend



1 Outrigger leveling jack with footpad

2 Outrigger jack handle

3 Outrigger

4 Cover
Access under this cover:
Engine
Generator
Manual storage container
Power outlets
Access under opposite cover:
Fuel tank

5 Exhaust pipe

6 Mast hold-down latch

7 Lamp fixtures

8 Mast

9 Forklift pocket

10 Lifting eye

11 Mast rotation lever

12 EXTEND/RETRACT winch handle

13 Front spring latch (behind mast)

14 Tongue outrigger

15 Coupler

16 Control panel (under cover)

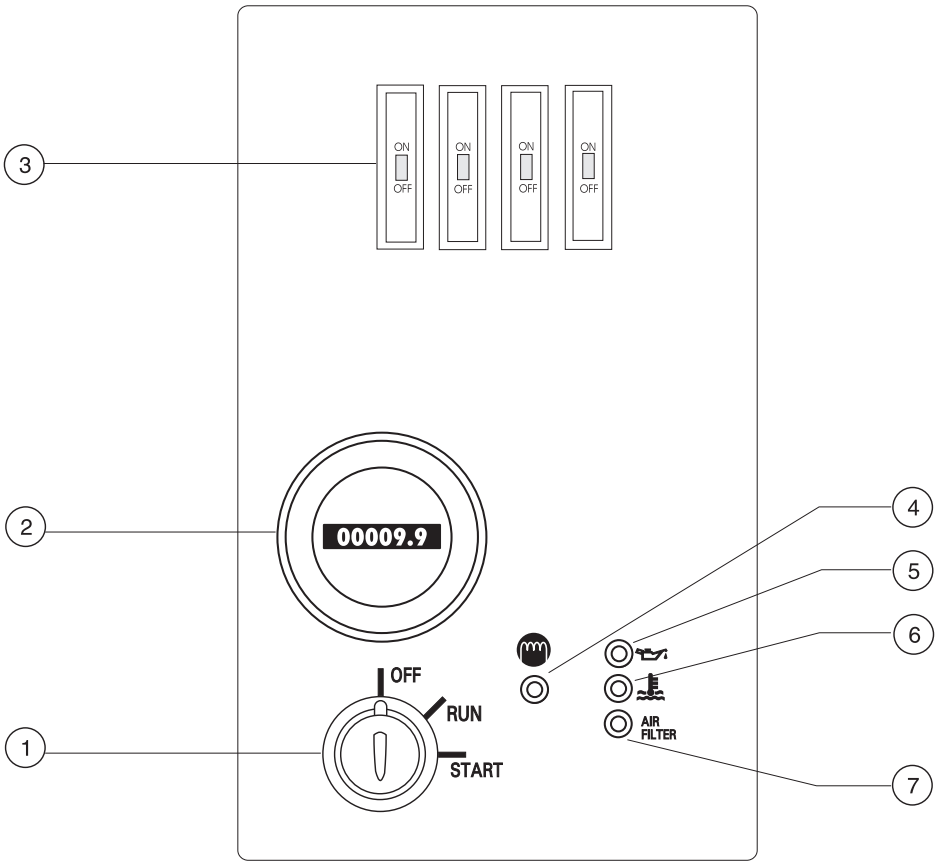
17 Mast release latch

18 RAISE/LOWER winch handle

19 Fender

20 Tire

Controls



Control Panel

1 Key switch
2 Hour meter
3 Circuit breaker switches for lights (4)
4 Glow plug indicator light
5 Oil pressure indicator light
6 Water temperature indicator light
7 Air filter condition indicator light

Pre-operation Inspection



Do Not Operate Unless:

☑ 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 the function tests prior to use.

4 Inspect the work place.

5 Only use the machine as it was intended.

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 and locations for modifications, damage or loose or missing parts.

A damaged or modified machine must never be used. If damage or any 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.

Pre-operation Inspection

- ❏ Be sure that the operator's manual is complete, legible and in the storage container located on the machine.
- ❏ Be sure that all decals are legible and in place. See Decals section.
- ❏ Check for engine oil leaks and proper fluid level. Add oil if needed. See Maintenance section.
- ❏ Check for engine coolant leaks and proper coolant level. Add coolant if necessary. See Maintenance section.
- ❏ Check for battery fluid leaks and proper fluid level. Add distilled water if needed. See Maintenance section.
- ❏ Check for proper tire pressure and lug nut torque. Add air to tires if needed. See Maintenance section.

Check the following components or areas for damage, modifications and loose or missing parts:

- ❏ Electrical components, wiring and electrical cables
- ❏ Mast columns
- ❏ Winches and related components
- ❏ Latches and pins
- ❏ Tires and wheels
- ❏ Trailer lights and reflectors
- ❏ Outriggers, leveling jacks and foot pads
- ❏ Nuts, bolts and other fasteners
- ❏ Lamp fixtures and bulbs
- ❏ Cable (kinks, frays and abrasions)
- ❏ Safety chains (if required)
- ❏ Engine and related components
- ❏ Fuel tank
- ❏ Generator

Check entire machine for:

- ❏ Cracks in welds or structural components
- ❏ Dents or damage to machine

- ❏ 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 that the battery is in place and properly connected.

Maintenance



Observe and Obey:

☑ Only routine maintenance items specified in this manual shall be performed by the operator.

☑ Scheduled maintenance inspections shall be completed by qualified service technicians, according to the manufacturer's specifications and the requirements specified in the responsibilities manual.

Maintenance Symbols Legend

NOTICE The following symbols have been used in this manual to help communicate the intent of the instructions. When one or more of the symbols appear at the beginning of a maintenance procedure, it conveys the meaning below.



Indicates that tools will be required to perform this procedure.



Indicates that new parts will be required to perform this procedure.

Check the Engine Oil Level



Maintaining the proper engine oil level is essential to good engine performance and service life. Operating the machine with an improper oil level can damage engine components.

NOTICE Check the oil level with the engine off.

1 Check the oil level dipstick.

⊙ Result: The oil level should be at the FULL mark on the dipstick. Add oil as needed.

Oil capacity	2.64 quarts 2.50 liters

Oil viscosity requirements	
-40° to 77°F / -40° to 25°C	5W-30 (synthetic)
-25° to 86°F / -13° to 30°C	10W-40
-20° to 77°F / -4° to 25°C	15W-30

Use oils meeting API classification CC, CF or CE, as they offer improved wear protection.

Check the Tires and Wheels



⚠WARNING Bodily injury hazard. An over-inflated tire can explode and may cause death or serious injury.

⚠WARNING Collision Hazard. An excessively worn tire can cause poor handling and continued use could result in tire failure.

⚠WARNING Tip-over hazard. Do not use temporary flat tire repair products.

Maintaining the tires and wheels in good condition is essential to safe operation and good performance. Tire and/or wheel failure could result in a machine tip-over. Component damage may also result if problems are not discovered and repaired in a timely fasion.

1 Check the tire surface and sidewalls for cuts, cracks, punctures and uneven or excessive tread wear.

⊙ Result: Replace the tire if uneven or excessive tread wear is found.

NOTICE Always replace the tire with specifications equal to original equipment manufacturer.

2 Check each wheel for damage, bends and cracks.

⊙ Result: Replace the wheel if any damage is found.

3 Check each tire with an air pressure gauge and add air as needed.

4 Check the torque of each lug nut.

Tires and wheels - Narrow models		
Tire size		ST185/80D13
Lug nut torque	80 ft-lbs	108 Nm
Tire pressure (cold)	50 psi	3.45 bar

Check the Engine Coolant Level



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.

1 Remove the radiator cap and check the coolant level. Add fluid as needed.

⊙ Result: The fluid level should be full.

⚠WARNING Bodily injury hazard. Fluids in the radiator are under pressure and extremely hot. Use caution when removing cap and adding fluids.

MAINTENANCE

Check the Battery

Proper battery condition is essential to good engine performance and operational safety. Improper fluid levels or damaged cables and connections can result in engine component damage and hazardous conditions.

⚠WARNING Electrocution hazard. Contact with hot or live circuits may result in death or serious injury. Remove all rings, watches and other jewelry.

⚠WARNING Bodily injury hazard. Batteries contain acid. Avoid spilling or contacting battery acid. Neutralize battery acid spills with baking soda and water.

1 Put on protective clothing and eye wear.

2 Be sure that the battery cable connections are free of corrosion.

3 Be sure that the battery hold downs and cable connections are tight.

4 Remove the battery vent caps.

5 Check the battery acid level. If needed, replenish with distilled water to the bottom of the battery fill tube. Do not overfill.

6 Install the vent caps.

Scheduled Maintenance

The scheduled maintenance items must be completed by a person trained and qualified to perform maintenance on this machine according to the procedures found in the service manual for this machine.

Inspections and maintenance described below require the qualified entity to record and retain records of all inspections and maintenance items for four years.

Machines that have been out of service for more than three months must receive the quarterly inspection before placing the machine back into service.

The Schedule

There are four types of maintenance inspections that must be performed according to a schedule—daily, quarterly, annual and two year. To account for repeated procedures, the *Maintenance Tables* and *Maintenance Inspection Report* have been divided into four subsections—A, B, C and D. Use the following chart to determine which group(s) of procedures are required to perform a scheduled inspection.

Inspection	Table or Checklist
Daily or every 8 hours	A
Quarterly	A + B
Annual	A + B + C
Two year	A + B + C + D

Maintenance Inspection Report

The maintenance inspection report contains checklists for each type of scheduled inspection.

Make copies of the *Maintenance Inspection Report* to use for each inspection. Store completed forms for four years.

Function Tests



Do Not Operate Unless:

☑ 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.

3 Always perform function tests prior to use.

Know and understand the above principle before going on to the next section.

4 Inspect the work place.

5 Only use the machine as it was intended.

Fundamentals

The Function Tests are designed to discover any malfunctions before the machine is put into service. The operator must follow the step-by-step instructions to test all machine functions.

A malfunctioning machine must never be used. If malfunctions are 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 and function tests again before putting the machine into service.

Symbols Legend

⊙ Indicates that a specific result is expected after performing a series of steps.

FUNCTION TESTS

Setup

1 Position the machine at the desired work site.

2 Disconnect the trailer lights and safety chains.

3 Open the latch on the coupler.

4 Pull the release pin on the tongue outrigger and rotate the outrigger towards the ground until the outrigger pin locks securely in place.

5 Turn the jack handle to lower the outrigger foot pad and raise the tongue of the machine enough to clear the tow vehicle.

6 Release the spring pin on the side outriggers and lower them to the ground. Make sure the locking arm is locked in place.

7 Turn the outrigger jack handles to level the machine. Level the machine using only the leveling jacks. Do not use chocks, blocks or shims to level the machine.

8 Unlock the mast hold-down latch.

Test the Machine Functions

By raising and extending, then retracting and lowering the mast back to the horizontal position, the following functions will be tested: **winches, latches, mast extension and mast rotation**.

9 Turn the RAISE/LOWER winch handle clockwise until the mast raises approximately 2 feet (61 cm).

⊙ Result: A clicking sound should be heard as the winch handle is turned.

10 Release the winch handle.

⊙ Result: The winch brake should hold when the handle is released.

11 Continue to turn the winch handle clockwise until the mast reaches full vertical position.

⊙ Result: The mast should raise smoothly, free of hesitation or binding.

⊙ Result: The spring latch on the front of the machine should lock the mast securely into place.

13 Turn the EXTEND/RETRACT winch handle clockwise until the mast extends approximately 2 feet (61 cm).

⊙ Result: A clicking sound should be heard as the winch handle is turned.

⊙ Result: The mast sections should telescope smoothly, free of hesitation or binding.

14 Release the winch handle.

⊙ Result: The winch brake should hold when the handle is released.

15 Press and hold the mast rotation lever.

16 Rotate the mast clockwise and then counterclockwise as far as it will go in either direction.

⊙ Result: The mast should rotate smoothly and easily in both directions.

17 Rotate the mast back to its original position. Line up the black arrows on the front of the mast.

18 Release the mast rotation lever

19 Attempt to rotate the mast in both directions.

⊙ Result: The mast should not rotate.

20 Turn the EXTEND/RETRACT winch handle counterclockwise until the mast sections are fully retracted. Line up the blue arrows on the side of the mast.

⊙ Result: No clicking sound should be heard when the winch handle is turned.

21 Pull and hold the mast release latch below the control panel.

22 Begin lowering the mast to the horizontal position by turning the RAISE/LOWER winch handle counterclockwise and holding the release latch open.

⊙ Result: No clicking sound should be heard when the winch handle is turned.

23 Release the mast release latch and continue to crank the winch handle counterclockwise until the mast reaches horizontal position.

Note: Make sure the mast is lowered completely into the transport cradle. Follow the mast stowing instructions to make sure the mast hold-down latch is securely locked.

Test the Lights

24 Make sure the circuit breaker light switches are in the OFF position.

25 Start the engine. See Starting the Engine in the Operating Instructions section.

26 Turn all four circuit breaker light switches to the ON position.

⊙ Result: The lights should come on.

Note: It can take up to 20 minutes for the lights to reach full intensity.

Note: Make sure the circuit breaker light switches are turned off before shutting down the engine.

Workplace Inspection



Do Not Operate Unless:

☑ 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.

3 Always perform function tests prior to use.

4 Inspect the work place.

Know and understand the above principle before going on to the next section.

5 Only use the machine as it was intended.

Be aware of and avoid the following hazardous situations:

- Drop-offs or holes
- Bumps and obstructions
- Debris
- Overhead obstructions and high voltage conductors
- Hazardous locations
- Inadequate surface support to withstand all load forces imposed by the machine
- Wind and weather conditions
- The presence of unauthorized personnel
- All other possible unsafe conditions

Fundamentals

The Work Place Inspection helps the operator determine if the work place is suitable for safe machine operation. It should be performed by the operator prior to moving the machine to the work place.

It is the operator's responsibility to read and remember the work place hazards, then watch for and avoid them while moving, setting up and operating the machine.

Operating Instructions



Do Not Operate Unless:

☑ 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.

3 Always perform function tests prior to use.

4 Inspect the work place.

5 Only use the machine as it was intended.

Fundamentals

The Operating Instructions section provides instructions for each aspect of machine operation. It is the operator's responsibility to follow all the safety rules and instructions in the operator's, safety and responsibilities manuals.

If more than one operator is expected to use a machine at different times in the same work shift, each operator is expected to follow all safety rules and instructions in the operator's manual. That means every new operator should perform a pre-operation inspection, function tests and a work place inspection before using the machine.

Setup

1 Position the machine at the desired work site.

2 Disconnect the trailer lights and safety chains.

3 Open the latch on the coupler.

4 Pull the release pin on the tongue outrigger and rotate the outrigger towards the ground until the outrigger pin locks securely in place.

5 Turn the jack handle to lower the outrigger foot pad and raise the tongue of the machine enough to clear the tow vehicle.

6 Release the spring pin on the side outriggers and lower them to the ground. Make sure the locking arm is locked in place.

7 Turn the jack handle on each outrigger to level the machine. Level the machine using only the leveling jacks. Do not use chocks, blocks or shims to level the machine.

Starting the Engine

1 Make sure the circuit breaker light switches are in the OFF position.

2 Turn the key to the RUN position. The glow plug light will come on.

3 Wait for the glow plug light to go off.

4 To start the engine, turn the key to START.

OPERATING INSTRUCTIONS

Operation of Lights

1 Turn on the lights using the circuit breaker switches located on the control panel. Each switch corresponds to one of the lamps.

Note: The lights can take up to 20 minutes to reach full intensity.

Note: If the lights are turned off and turned back on while they are still warm, they will not light up again for 20-30 minutes.

2 Turn the lights off by turning the circuit breaker switches to the OFF position. Make sure the lights are turned off before shutting down the engine.

To Raise the Mast

1 Unlock the mast hold-down latch.

2 Turn the RAISE/LOWER winch handle clockwise until the mast reaches the full vertical position and the front spring latch locks the mast firmly in place.

To Extend the Mast

1 Turn the EXTEND/RETRACT winch handle clockwise to extend the mast sections.

2 Approximately 6 inches below full mast extension, the lamp fixture will begin to tilt. The more the winch handle is turned, the greater the tilt, until the mast is fully extended and the lights are positioned.

Note: To adjust the lights after the mast is fully extended, slowly lower the mast by turning the winch handle counterclockwise until the lights are in the desired position.

Mast Rotation

1 Press and hold the mast rotation lever and rotate the mast to the desired position.

2 Release the lever.

To Retract the Mast

1 Press and hold the mast rotation lever and rotate the mast to its original position. Line up the black arrows on the front of the mast.

2 Turn the EXTEND/RETRACT winch handle counterclockwise until the mast sections retract. Make sure the blue arrows on the side of the mast are lined up.

To Lower the Mast

1 Turn the RAISE/LOWER winch handle counterclockwise until the mast reaches the horizontal position.

2 Lock the mast hold-down latch.

After Each Use

1 Select a safe parking location—firm, level surface, clear of obstruction and traffic.

2 Remove the key to secure from unauthorized use.

Transport

1 Make sure the mast hold-down latch is securely locked in place.

3 Push to release the lock handle on each of the side outriggers and place in the stowed position. Make sure the spring pin locks each outrigger securely in place.

4 Raise the tongue of the machine by turning the tongue outrigger jack handle.

5 Position the transport vehicle under the coupler on the tongue of the machine.

6 Open the latch on the coupler.

7 Turn the tongue outrigger jack handle to lower the tongue and raise the outrigger foot pad off the ground.

8 Close the latch on the coupler.

9 Rotate the tongue outrigger to the stowed position and secure.

10 Attach the safety chains (if required).

11 Connect and test the trailer lights.

Towing Information

Use the checklist provided on the back cover of this manual before towing and while on the road.

Driving a vehicle/trailer combination is different from driving a vehicle alone.

Anticipate stops. Brake early.

Increase the distance between your vehicle and the vehicle in front of you to twice the normal following distance when towing a trailer. Allow more following distance in adverse weather.

Slow down for downgrades and shift your transmission into a lower gear.

Slow down for curves, adverse weather, hazardous road conditions and expressway exits.

Your vehicle/trailer combination may experience momentary disturbances. If a disturbance happens, do not brake, speed up or turn the steering wheel. Let off the gas pedal and keep the steering wheel in a straight ahead position, sufficient to maintain the lane of travel.

If the combination travels off the paved roadway, hold the steering wheel firmly. Let off the gas pedal. Do not apply your brakes. Do not turn sharply. Slow down below 25 mph (40 km/h). Then gradually turn the steering wheel to get back on the roadway. Proceed with caution when entering traffic.

Set all tires to the proper pressure. Find the recommended cold pressures on the tire sidewall, in the owner's manual or on the trailer decal. Do not put more pressure in the tire than is on the tire sidewall. Tire pressures go up during driving. Do not let off this extra pressure.

When passing other vehicles, be sure to leave enough room for the extra length of the trailer. You will need to go much farther beyond the passed vehicle before you can return to your lane.

When turning with a trailer, avoid jerky or sudden movements.

Inspect all connections at each stop. Use the checklist provided on the back cover of this manual.

Transport (not attached to a tow vehicle)

Make sure the mast is fully lowered to the horizontal position and the mast hold-down latch is securely locked in place before lifting the TML with a forklift or crane.

Decals

Decal Inspection

Use the pictures on the next page to verify that all decals are legible and in place.

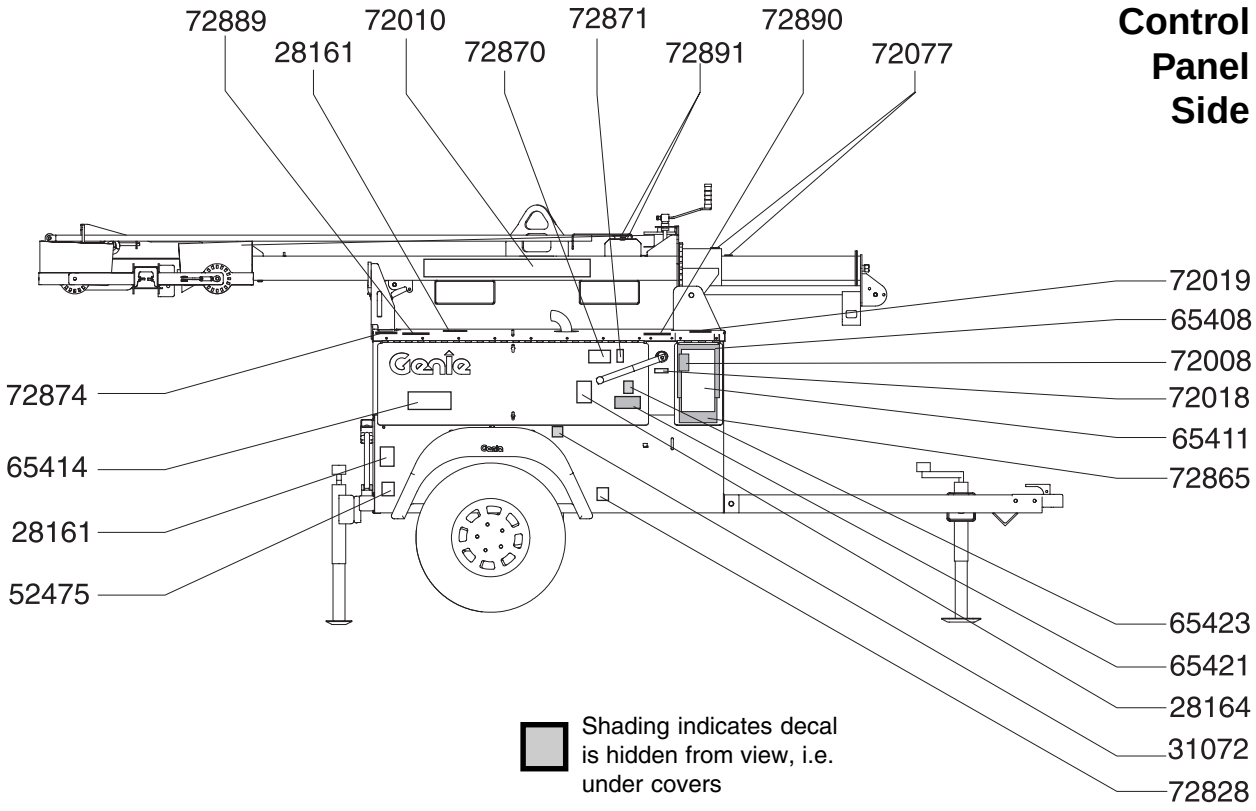
Below is a numerical list with quantities and descriptions.

Part No.	Description	Quantity
28159	Label - Diesel	1
28161	Warning - Crush Hand	5
28164	Notice - Hazardous Materials	2
28171	Label - No Smoking	1
31072	Manual Storage Container	1
52475	Label - Transport Tie-down	2
62707	Warning - Tow Speed	1
65408	Notice - Operating Instructions	1
65409	Notice - Mast Rotation Instructions	1
65411	Warning - General Safety	1
65412	Warning - Transport Instructions	1
65414	Danger - Electrocution Hazard	2
65421	Warning - Electrocution, Generator	2
65423	Notice - Engine specs	1
72008	Caution - Turn Off Lights	1
72010	Cosmetic - Genie TML-4000N	2
72018	Label - Raise/Lower Winch	1
72019	Warning - High Voltage	1

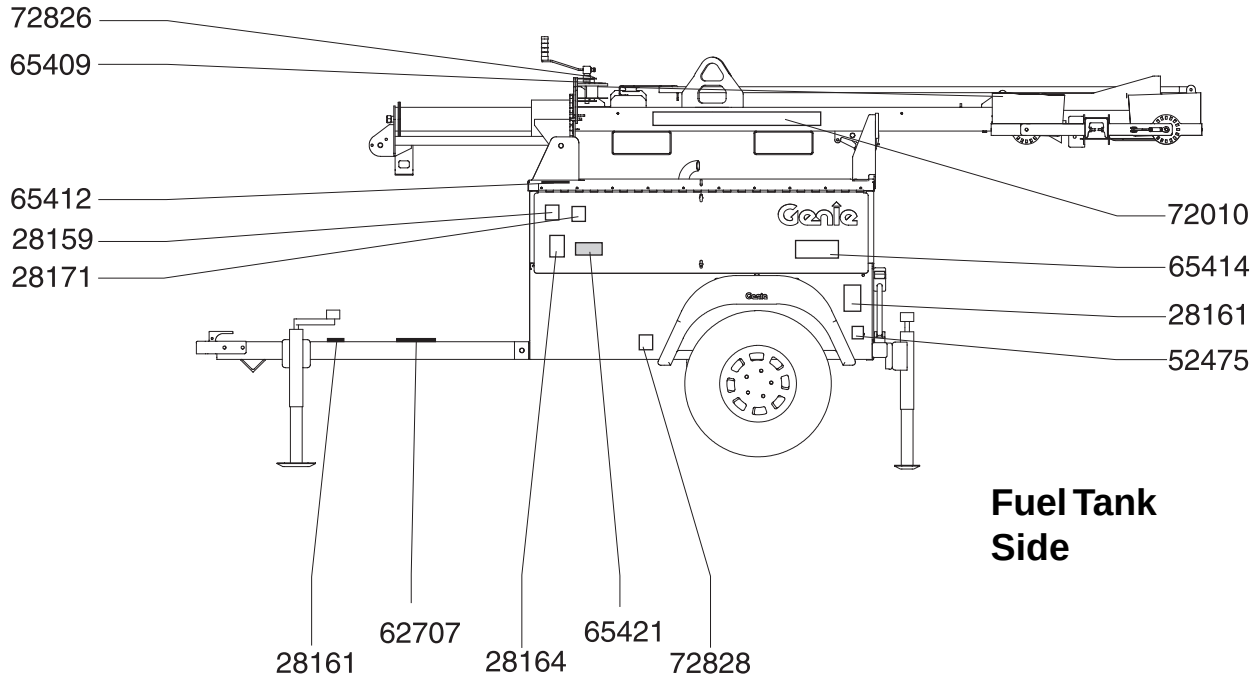
Part No.	Description	Quantity
72077	Label - Black Arrow	2
72826	Label - Extend/Retract Winch	1
72828	Notice - Tire Specs	2
72865	Control Panel	1
72870	Caution - Component Contact	1
72871	Label - Power Outlet, 120V	1
72874	Label - Locked, Unlocked	1
72889	Warning - Transport Hazard	1
72890	Notice - Mast Retraction	1
72891	Label - Blue Arrow	2

DECALS

Control Panel Side



Fuel Tank Side



Specifications

Model - TML-4000 Narrow	
Height, stowed	74 in 1.9 m
Length, stowed	14 ft 10 in 4.5 m
Width, stowed	53 in 1.3 m
Extended tower height	28 ft 8.5 m
Weight (dry)	1695 lbs 769 kg
Weight (fuel tank full)	1890 lbs 857 kg
Maximum tongue weight	110 lbs 50 kg
Tire size	ST185/80D13
Engine type	Deutz F3M1008 3 cylinder diesel, water cooled
Fuel capacity	30 gallons 114 liters
Generator	6 kw
Total lighting wattage	4000 watts
Replacment bulbs	1000 W Metalarc M47 R M1000/U/BT37 or equivalent
Run time (full load with full fuel tank)	60 hours
Tower rotation	360 degrees, non-continuous
Maximum towing speed	60 mph 97 km/h
Maximum wind speed rating	60 mph 27 m/sec
Airborne Noise Emissions Maximum sound level at normal operating workstations (A-weighted)	71 dB

Continuous improvement of our products is a Genie policy. Product specifications are subject to change without notice or obligation.

Reporting Safety Defects

Genie Industries
PO Box 97030
Redmond, WA 98073-9730

Reporting Safety Defects

If you believe that your vehicle has a defect which could cause a crash or could cause injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to Genie Industries.

If NHTSA receives smilar complaints, it may open an investigation, and if it finds that a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in any individual problems between you, your dealer or Genie Industries.

To contact NHTSA you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 (366-0123 in Washington DC area) or write to:

NHTSA
U.S. Department of Transportation
400 7th Street SW, (NSA-11)
Washington DC 20590

You can also obtain information about motor vehicle safety from the Hotline.

Towing Checklist
(Use at each stop)

Before Towing	☐ Towing hitch and hitch ball are secure ☐ Safety chains (if required) are properly attached and secure (chains are crossed below hitch) ☐ All lights are connected and working ☐ Check all tires for correct pressure
Before Driving	☐ Fasten safety restraints ☐ Properly adjust mirrors
On The Road	☐ Do not exceed 60 mph / 97 km/h. Obey all local and national towing speed laws. ☐ Stop often for rest. ☐ Inspect vehicles and connections at each stop. ☐ Anticipate stops; brake early.

California Proposition 65

WARNING

The exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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