

## SAFETY RULES

### SAFETY PRECAUTIONS TO BE OBSERVED

Read this manual and learn the operating characteristics and limitations of the machine before operating it.

The manufacturer declines all liability for injury to persons and damage to components due to not respecting the safety rules.

Report all malfunctions to a maintenance responsible. If there are any repairs to be done, do not operate the equipment. Normal service and maintenance, if performed as required, can prevent unexpected and unnecessary down time. This manual describes standard inspections, operation and servicing with the normal safety precautions required for normal servicing and operating conditions. Operators and maintenance personnel must be safety conscious and alert to recognize potential operating or servicing safety hazards at all times. They should immediately take the necessary precautions to ensure safe operation and servicing of the machine.



- Be aware of operating risks that may be created by weather changes. Follow the correct procedures in the event of heavy rain or electrical storm.

- Lower tower when not in use, or if high winds or electrical storms are expected in the area.
- Use protective clothing and safety equipment: gloves, safety boots, safety hard hat, goggles, ear protection, and dust masks when necessary.
- Know all side clearances and overhead obstructions for safe operation of the machine.
- ALWAYS** make sure area above the tower is open and clear of any kind of obstruction.
- Position and operate the lighting tower on a firm surface.
- The machine must be levelled and outriggers extended before raising tower.
- Keep area around the machine clear of people while raising and lowering the mast.
- ALWAYS** handle fuels and lubricants carefully, clean up spills to avoid fire and slipping risks.
- NEVER** using the unit if it is in need of repair.
- The area near the exhaust pipe become hot in use. Be careful if you need to work there.
- Check that winch cables are in good condition and are centered on each pulley.
- DO NOT** use the unit if insulation on the electrical cord is cut or worn through.
- DO NOT** permit to untrained personnel to operate the machine.
- NEVER** operate a unit if you are tired, not concentrated or under the influence of drugs or alcohol.
- Keep children and animals away from the machine.

### FIRE PRECAUTIONS



- Clean all dirt, oil and other fluids from components to minimize fire risks and aid in spotting loose or leaking components.

- Check the engine for oily rags or other debris that could be potential cause of fire before starting the unit.
- Have a fire extinguisher nearby. Be sure the extinguisher is properly maintained and be familiar with its use.
- In the event of fire, the following extinction means are appropriated: carbonate anhydride (or carbon dioxide), powder, foam, nebulized water. Avoid to use water jets.
- In the event of fire, wear a breathing apparatus if there is heavy smoke.

### FLAMMABLE FLUID PRECAUTIONS



- Take due care when working with fuel. Diesel fuel is a health hazard. Be aware that there is also danger of fire and pollution.

- DO NOT** clean the unit components using flammable fluids.
- Check and ensure that all-fluid systems caps, drain, valves, fittings, lines etc., are secure and leak free.
- ALWAYS** shut off engine while refueling and be very cautious if engine is still hot.
- NEVER** smoke while checking or adding fuel or handling fluid containers.
- NEVER** refuel near an open flame
- DO NOT** fill the tank completely.
- DO NOT** refuel in an enclosed area with poor ventilation.
- DO NOT** run engine without the fuel tank cap.
- DO NOT** use the machine in areas with risk of explosion or fire.

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### ELECTRICAL HAZARD



- DO NOT** smoke or allow open flames or sparks near the batteries.

- Before doing repair works, **ALWAYS** disconnect batteries. Disconnect negative terminal first and reconnect last.
- Before carrying out any welding on the machine, **ALWAYS** make sure to disconnect batteries and alternator leads.
- The tools must **NOT** come into contact with the battery terminals with the risk of creating an electric arc.
- Use jumper cables only. Improper use can result in severe damage and safety risk.
- NEVER** use the machine if insulation on electrical cord is cut or worn through.
- NEVER** operate lights without protective lens cover in place or with a lens cover that is cracked or damaged!

### LUBRICATION AND SERVICING



- Only authorized and trained personnel is allowed to perform the machine maintenance. Please read the operator's manual and maintenance manual before using or servicing the machine.

- HIGH VOLTAGE!** This equipment utilizes high voltage circuits. Always exercise extreme caution when trouble shooting or repairing any electrical circuit.
- Only a qualified electrician should troubleshoot or repair electrical problems occurring on the machine.
- Before servicing the lighting tower, ensure that the engine start switch is turned to OFF.
- Disconnect electrical power and turn off engine before removing protective covers on high voltage electrical closures.
- NEVER** perform even routine service (oil/filter changes, cleaning, etc.) if all electrical components aren't shut down.
- NEVER** allow water to accumulate at the base of the machine. If water is present, **DO NOT** service!
- DO NOT** service electrical components if your clothing or skin is wet.
- If the unit is stored outside, check the engine and generator for any moisture. If wet, dry the unit thoroughly before starting.
- Never wash the unit with a high pressure hose or with any kind of power washer.
- Open main circuit breaker before disconnecting battery cables.
- Ensure to always relieve pressure before servicing any pressurized system.
- Be aware of hot exhaust pipes and engine.
- KEEP AWAY** from moving parts on generator and engine. Be aware of the hazard if you wear loose clothing.
- Check and replace all missing and hard-to-read labels.
- Make sure slings, chains, hooks, ramps, jacks, and other types of lifting devices are attached securely and have enough weight-bearing capacity to lift or hold the equipment safely.

### TOWING SAFETY



- Be careful while towing a trailer!** Both the trailer and vehicle must be in good condition and securely fastened to each other.

- Check that the hitch and coupling on the towing vehicle are adequately dimensioned and rated to the trailer's "gross vehicle weight rating" (GVWR).
- Do not tow a trailer using defective parts coupling!
- Check the tires of the trailer: tread wear, tire pressure, general conditions.
- Connect breakaway safety line securely to towing vehicle.
- If fitted, connect safety chains in a crossing pattern under the connecting beam.
- Check that wheel nuts are ALL tight.
- Check that the road running lights are connected and operating, if applicable.
- Maximum recommended speed for highway towing is 75 km/h. Recommended maximum off-road towing speed is 15 km/h (less on uneven terrain).
- When towing, maintain extra space between vehicles and avoid soft shoulders, curbs and sudden lane changes. If you are not experts in tow, to practice in a far from heavy traffic area.

