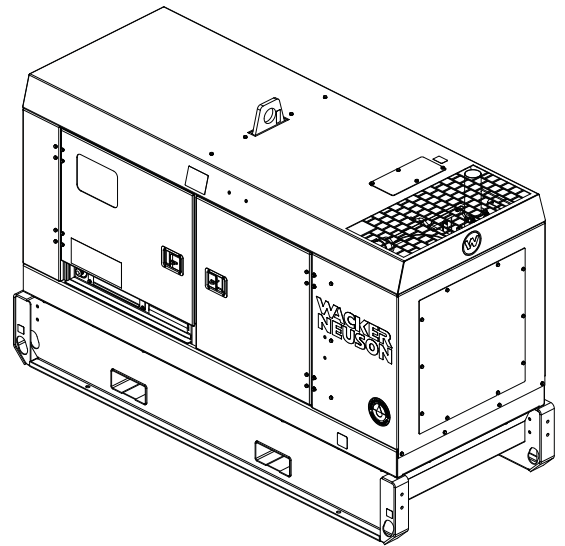


# Operator's Manual

## Mobile Generator

# G20 (50 Hz)

# G25 (60 Hz)



Type	G20, G25
Document	5200025502
Date	1215
Version	01
Language	EN



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### 1.3 Safety Guidelines for Operating the Machine

#### Operator training

Before operating the machine:

- Read and understand the operating instructions contained in all manuals delivered with the machine.
- Familiarize yourself with the location and proper use of all controls and safety devices.
- Contact Wacker Neuson for additional training if necessary.

When operating this machine:

- Do not allow improperly trained people to operate the machine. People operating the machine must be familiar with the potential risks and hazards associated with it.

#### Operator qualifications

Only trained personnel are permitted to start, operate, and shut down the machine. They also must meet the following qualifications:

- have received instruction on how to properly use the machine
- are familiar with required safety devices

The machine must not be accessed or operated by:

- children
- people impaired by alcohol or drugs

#### Application area

Be aware of the application area.

- Keep unauthorized personnel, children, and pets away from the machine.
- Remain aware of changing positions and the movement of other equipment and personnel in the application area/job site.
- Identify whether special hazards exist in the application area, such as toxic gases, or unstable ground conditions, and take appropriate action to eliminate the special hazards before using the machine.

Be aware of the application area.

- Do not operate the machine in areas that contain flammable objects, fuels, or products that produce flammable vapors.


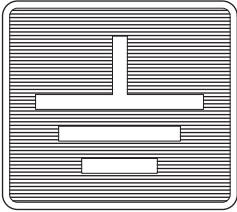
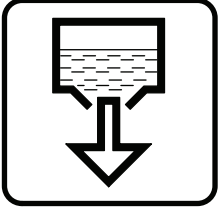

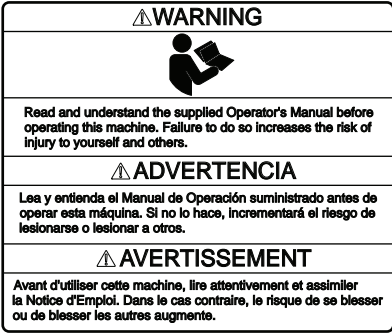
#### Safety devices, controls, and attachments

Only operate the machine when:

- All safety devices and guards are in place and in working order.
- All controls operate correctly.
- The machine is set up correctly according to the instructions in the Operator's Manual.
- The machine is clean.
- The machine's labels are legible.

To ensure safe operation of the machine:

- Do not operate the machine if any safety devices or guards are missing or inoperative.
- Do not modify or defeat the safety devices.
- Only use accessories or attachments that are approved by Wacker Neuson.

<p><b>F</b></p>	 <p>164721</p>	<p><b>WARNING</b> To prevent hearing loss, wear hearing protection when operating the machine.</p> <p><b>WARNING</b> Pressurized contents. Do not open when hot!</p> <p><b>WARNING</b> Hand injury if entangled in moving belt.</p> <p><b>WARNING</b> Rotating machinery! Do not reach inside machine with engine running.</p>
<p><b>G</b></p>	 <p>114886</p>	<p>Electrical ground</p>
<p><b>H</b></p>	 <p>160604</p>	<p>Drain containment system.</p>
<p><b>J</b></p>	 <p>110164</p>	<p><b>WARNING</b> Pressurized contents. Do not open when hot!</p>
<p><b>K</b></p>	 <p>176103</p>	<p>Read and understand the supplied Operator's Manual before operating the machine. Failure to do so increases the risk of injury to yourself and others.</p>

## 4.2 Positioning the Machine

**WARNING**

Fire hazard. Do not move the machine while it is running.

- ▶ Shut down the machine before moving or repositioning it.

**WARNING**

Fire hazard. Machines positioned on a hill or an incline may slide, break away or roll over.

- ▶ Do not position the machine on a hill or an incline.

**WARNING**

Explosion and fire hazard. Risk of severe injury or death.

- ▶ Do not operate the machine near flammable vapors, fuels, or combustibles.

**CO Alarms**

Because this machine produces carbon monoxide (CO), Wacker Neuson recommends that CO alarms be installed in all structures in close proximity to the machine. CO alarms provide an extra measure of protection against this poison that you cannot see or smell.

Install battery-operated CO alarms or plug-in CO alarms with battery backup, according to the manufacturer's instructions. CO alarms should be certified to the requirements of the latest safety standards (UL 2034, IAS 6-96, or CSA 6.19.01). Test the CO alarm batteries monthly.

**Requirements**

Position the machine:

- so that engine exhaust will not enter nearby structures.
- so that the machine does not block traffic.
- so that the machine is not close to any combustible material or flammable vapor.
- so that all of the machine's access doors/panels may be accessed.
- so that the area overhead is clear of debris that could fall onto or into the machine or exhaust compartment.
- so that the machine is on a firm, level surface and will not tip, roll, slide, or fall while operating.

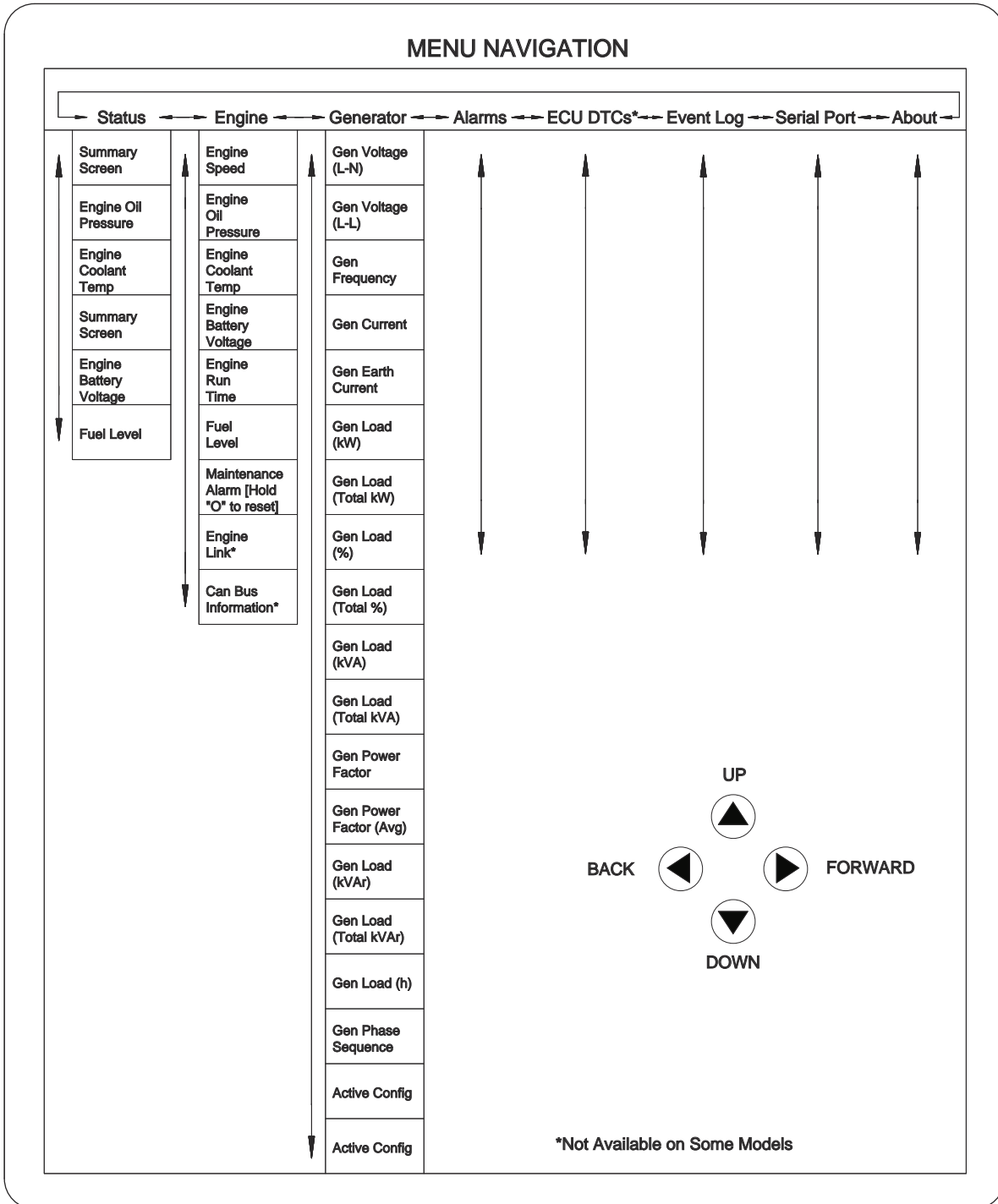
*This procedure continues on the next page.*

## Operation (Deep Sea Controller: DSE 7310)

Ref.	Button/function
12	Stop / Reset Pressing this button: <ul style="list-style-type: none"><li>■ Sets the genset controller into its Stop/Reset mode</li><li>■ Clears any alarm conditions for which the triggering criteria have been rectified.</li></ul>
13	Manual mode Pressing this button: <ul style="list-style-type: none"><li>■ Sets the genset controller to the Manual mode</li></ul> In Manual mode, the generator can be started and operated.
14	(not used)
15	Auto mode Pressing this button: <ul style="list-style-type: none"><li>■ Sets the genset controller to the Auto mode</li></ul> In Auto mode, the generator can only be started and operated by a remote switch.
16	Lamp test / horn reset Pressing this button: <ul style="list-style-type: none"><li>■ Silences the audible alarm</li><li>■ Illuminates all of the LEDs as a lamp test feature (push and hold to perform test)</li></ul>
17	Start Pressing this button: <ul style="list-style-type: none"><li>■ Starts the engine</li></ul> This button is only active in Manual mode.

## 7.2 Navigating the Menus

The graphic below serves as a navigational aid when accessing the various menus of the genset controller. See the accompanying table for information about the menu items.



*Continued from the previous page.*

2. Leave the genset controller power switch in the ON position.
3. Close the main circuit breaker.
4. Press the AUTO mode button.
5. Secure the generator by closing and locking all doors.

The generator is now ready for automatic starting.

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### **Maintaining battery charge**

If the generator is to be used as a stand-by power supply, provisions must be made to maintain the battery charge. This can be done either by attaching a battery charger to the battery or by starting the generator manually and running the engine periodically to maintain the battery charge.

# Maintenance Tier 4i Engines: Isuzu

The engine maintenance schedule(s) in this chapter are reproduced from the engine owner's manual. For additional information, see the engine owner's manual.

## ENGINE MAINTENANCE SCHEDULE

When performing the following items, the daily inspection items should also be carried out.

NO.	Description of check and maintenance	Daily	(operation hours)						Remark
			250	500	750	1000	1250	1500	
1.	Oil level and oil fouling	○							
2.	Oil leakage check	○							
3.	Oil pressure gauge registration	○							
4.	Oil pressure warning lamp	○							
5.	Engine oil replacement (Cartridge type)		○	○	○	○	○	○	
6.	Engine oil replacement (Remote filter type)			○		○		○	
7.	Oil filter element replacement			○		○		○	
8.	Fuel leakage check	○							
9.	Draining water in fuel filter	○							
10.	Fuel filter element replacement		○★	○	○★	○	○	○★	○
11.	Water sedimenter element cleaning		○★	○	○★	○	○	○★	○

★ This is a recommended maintenance. The failure to perform this maintenance item will nullify the emission warranty or limit recall liability prior to the completion engine useful life. Isuzu, however, urges that recommended maintenance service is performed at the indicated intervals.

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