



# Hire and Rental Industry Association Ltd

## Product Safety Assessment Sheet

### PLANT INFORMATION

**PSA Ref #:** 00289

**Model No:** LG500 Electric Start

**Plant Name:** Dynapac LG500 Reversible Plate - Diesel

**Manufacturer:** Dynapac (Australia) Pty Ltd

**Mandatory Personal Protective Equipment:**



Dust Mask



Foot Protection



Head, Hearing and Eye Protection



Protective Clothing

### RISK ASSESSMENT INFORMATION

**Operator Competency:** Plant Licence Not Required

Potential Hazard(s)	Risk Level	Control Measure(s)
Inhaling exhaust or fuel fumes		<ul style="list-style-type: none"><li>• Only operate in well ventilated areas. If using in confined spaces, then a suitable respirator based on the site conditions may be required.</li></ul>
Crushing due to uncontrolled or unexpected moving of the machine		<ul style="list-style-type: none"><li>• Keep feet well clear of bottom plate, and ensure the machine is only used in accordance with the operators manual.</li><li>• NOTE THAT MACHINE MAY REVERSE AT START</li><li>• Operator to plan their work to ensure they do not get caught at potential crushing points.</li></ul>
Explosion or fire from fuel		<ul style="list-style-type: none"><li>• Stop the engine before refuelling.</li><li>• Only will with Diesel Fuel.</li><li>• Ensure the machine is refuelled on a lever surface.</li></ul>
Coming into contact with moving parts		<ul style="list-style-type: none"><li>• Do not attempt any maintenance or make any contact with the machines moving parts whilst the machine is operating.</li></ul>
Manual Handling Hazard		<ul style="list-style-type: none"><li>• Use the central lifting point for mechanical lifting</li></ul>
Coming into contact with hot engine parts		<ul style="list-style-type: none"><li>• Do not make bare contact with the machines engine. Only add oil when the machine has cooled down.</li></ul>
Hearing damage from excessive noise		<ul style="list-style-type: none"><li>• Hearing protection must be worn. Warning decal on plant.</li></ul>

## Customer Identified Hazard(s)

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### Key Operating Instructions

Please refer to the User Guide and Operator's Manual for ILG500EN

#### COLD START

- \* Check engine oil.
- \* Open throttle to full then back three quarters the way to idle position.
- \* Turn the key to the position I. Charging and oil pressure indicators light up.
- \* Turn the switch key to position II for approx. 1 minute until the preheater indicator will glow.
- \* Turn the key to position III and release the key as soon as the engine starts.
- \* Run engine at idle before using full power.

NOTE THAT THE MACHINE MAY REVERSE AT START

If the engine does not start within 10 seconds, wait a few seconds before making a new attempt.

\*NOTE\* The engine is fitted with a start block module.

The start block module prevents renewed attempts to start within 4-8 seconds.

#### FOR HOT START

- \* Put throttle to full.
- \* Turn key to I.
- \* Turn key past position II straight to position III.
- \* Release when engine starts.

#### STOPPING THE MACHINE

- \* Move throttle in neutral position. Let engine run a few minutes.
- \* Throttle in stop position.
- \* Turn the key to the OFF (O) position.

The Safety Information on this assessment has been developed for the Hire and Rental Industry to assist in the safe operation of this equipment.

This information contains general information only and should not be relied upon as a substitute for professional advice, which the user should seek before operating.

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