

# SAFETY/RISK/HAZARD ASSESSMENT

## PLANT INFORMATION

NHG Ref/Part No.	LoaKan/1
Plant ID:	DW625BBCBBAAAAA
Plant Name:	Kanga Loader DW625 25hp
Potential Noise Level in Db:	85db to less than 105db
Required hearing protection class:	2
Operator Competency:	Plant Licence Not Required <i>It is the hirer's responsibility to ensure that all operators are competent.</i>

Please refer to the User Guide and Operators Manual for detailed Operating Instructions



Protective equipment must be worn when operating this machine



## RISK ASSESSMENT INFORMATION

### Potential Hazard(s)

It is the operator's responsibility to ensure that the worksite on which this equipment is to be used is equipped with the appropriate fire protection devices as per Australian Standard AS 2444-2001 Portable Fire Extinguishers and Fire Blankets.

#### Explosion or fire from fuel vapours

Risk Level Medium

Control Measures Stop engine before refuelling. Do not refuel while hot. Avoid spillage of fuel when refuelling. Ensure the fuel cap is properly secured after refuelling. Carry out visual checks for fuel leaks and repair before operation. Warning label on engine. Keep flammables away from the engine. Do not smoke while operating, servicing or refuelling this machine.

#### Exposure to ultraviolet radiation if working outdoors

Risk Level Medium

Control Measures Wear sunscreen, hat, long sleeves and long pants.

#### Injury from contact with above/below ground services

Risk Level Medium

Control Measures Check above ground for overhead power, branches, beams and structures.  
Check below ground for underground services such as cables, pipes, culverts, etc.

#### Crush injury

Risk Level Medium/Low

Control Measures Keep unauthorised persons away from site

Check ground condition and slopes and remove all foreign objects. Keep level at all times. Never operate on slopes exceeding 15°. Do not travel across slopes or roll over may occur. Always keep attachments and loads as close to ground as possible and travel with heaviest end uphill and avoid turning on slopes.

Chock wheels when not in use.

Do not allow inexperienced persons to operate machinery. Do not allow persons to sit or ride on the machine.

### **Injury or ill health due to exposure to exhaust or fuel fumes**

Risk Level	Medium/Low
Control Measures	Do not operate in confined space. Use in well ventilated area, preferably with fume extraction ventilation. Avoid breathing or coming into contact with fuel.

### **Burn hazard**

Risk Level	Medium/Low
Control Measures	Wear protective clothing during operation. Avoid contact with hot components. Allow engine to cool before attempting any maintenance.

### **Hearing Damage**

Risk Level	Low
Control Measures	Hearing protection with a rating of 20Db must be worn.

### **Injury from contact with moving parts**

Risk Level	Low
Control Measures	Ensure hands, feet and loose clothing are kept clear from moving parts of the roller. Do not remove guards or covers.

### **Engine seizure/Fuel spillage**

Risk Level	Low
Control Measures	Do not use on inclines of more than 15°. Ensure equipment is operated on a stable, level surface. If equipment is operated on a slope, engine seizure may occur due to improper lubrication, even with max. oil level and functioning oil protection system. Fuel spillage may also occur.

## KEY OPERATING INSTRUCTIONS

1. Use **DIESEL** fuel only.
2. Familiarise yourself with all controls before operating. If not using any hydraulically driven attachments, this control lever should always be in the neutral position.
3. To start unit:
  - a) Move throttle lever to 1/2 throttle
  - b) Ensure the forward/reverse lever is in the neutral position
  - c) Turn ignition switch to Preheat and hold for 20 seconds (if applicable)
  - d) Turn ignition switch to start the machine
  - e) Move throttle lever to the idle position
  - f) Allow engine to warm up
4. Connecting Attachments
  - a) Tilt the main boom slightly back to release the pressure from the main locking pins
  - b) Disengage the attachment lock pins by turning them to the outside
  - c) Drive the machine plus boom & tilt to align the front plate into the attachment, lift the boom & tilt to pick up the attachment
  - d) Engage the attachment lock pins
  - e) If the attachment is hydraulically driven, switch off the engine before connecting the hoses
  - f) Move the hydraulic control lever a couple of times to relieve any pressure in the lines. Be sure the couplers are clean. Slide the collar back on the couplers and connect then ensure connection by pulling slightly on the two hoses.
5. To stop unit:
  - a) Park in safe place and engage the park brake (if fitted) or use wheel/drum chocks
  - b) Lower boom and any implements to the ground
  - c) Idle engine before switching off

**Please refer to the User Guide and Operators Manual  
for detailed Operating Instructions**

*The safety information contained in this assessment is general information only and should not be relied upon as a substitute for professional advice or tuition, which the hirer should seek before operating.*