

SAFETY/RISK/HAZARD ASSESSMENT

PLANT INFORMATION

NHG Ref/Part No.

VIBDRR

Plant ID:

RD27

Plant Name:

Wacker Nueson RD27

Operator Competency:

Plant Licence Not Required



Protective
equipment
must be worn
when operating
this machine



RISK ASSESSMENT INFORMATION

Potential Hazard(s)

Fuel leaks and fire hazards

Risk Level Medium

Control Measures Check fuel lines and fuel level daily. Engine needs to be turned off before refuelling.
Keep a fire extinguisher on the machine.

Exposure to ultraviolet radiation if working outdoors

Risk Level Medium

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

Crush injury

Risk Level Medium

Control Measures Keep unauthorised persons away from site
Check rotating beacon and reversing alarm devices daily
Only operate machine whilst sitting in seat with belt on
Do not allow inexperienced persons to operate machinery. Do not allow persons to sit or ride on the machine.

Rollover of machine or falling of machine

Risk Level Medium/Low

Control Measures Reinforce ground, edges and shoulders
Do not operate close to steep inclines or in sloppy material
Roller to be lifted only at designated lifting points

Hearing Damage

Risk Level Low

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

Burns

Risk Level Low

Control Measures Keep other persons away from hot machine
Allow to cool down before doing any checks on the engine.

KEY OPERATING INSTRUCTION

1. To start unit:
 - a) Set the forward/reverse control in the neutral position.
 - b) Press the parking brake button to set parking brake.
 - c) Turn the starting switch to the ON position, the glow plug indicator will illuminate signifying the glow plugs are on. The glow plug indicator will stay on for approximately 30 seconds. DO NOT start the engine until the glow plug indicator light goes out.
 - d) Turn the starting switch to the START position.
 - e) Allow engine to warm up
 - f) Disengage the parking brake by pulling the parking brake button out.
 - g) Quickly press and release the upper half of the throttle switch to bring the engine to high throttle.
2. The forward/reverse control controls both the direction and the speed of the roller. Use the control lever, rather than the throttle, to control the speed of the machine while compacting.
3. Speed is controlled by the amount the lever is moved in the direction of travel
4. During operation, to run the machine at full throttle press and release the upper half of the throttle switch to ensure maximum travel speeds, producing the best compaction results.
5. To stop unit:
 - a) Park roller on a flat surface with suitable load bearing capacity.
 - b) Turn the vibration off by pressing the vibration control button on the forward/reverse lever.
 - c) Press the water spray switch to the OFF position.
 - d) Set the forward/reverse control to the NEUTRAL position
 - e) Return the engine throttle to idle by pressing the lower half of the throttle switch and allow engine to cool down.
 - f) Press the parking brake button to set parking brake
 - g) Stop the engine by turning the starting switch to the OFF position.

**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.