Portable Concrete Vibrator

(Hokey Pokey)

Safety Precautions & Operating Instructions

HAZARDS AND RISKS

NEVER allow any person to operate equipment without adequate instruction.

ENSURE all operators read, understand and follow the operating instructions.

SERIOUS INJURY may result from improper or careless use of this machine!

MECHANICAL HAZARDS

DO NOT operate the machine unless all protective guards are in place.

ENSURE that the motor operation switch is in the OFF position and the spark plug ignition lead is disconnected before removing the guards or making adjustments.

KEEP hands and feet clear of rotating and moving parts as they will cause injury if contacted.

DO NOT leave the equipment in operation while it is unattended.

EXERCISE CARE when handling vibrators. Exposure to vibration or repetitive work actions may be harmful to hands and arms.

DO NOT hold the vibrator shaft in your hands while it is running. Hold the vibrator by the "D" handle & use the supplied carry strap to help isolate your hands from the vibration.

NEVER stand on the vibrating head while it is operating.

DO NOT place your foot on the vibrator head while it is running unless it is done momentarily and the vibrator head is resting on a resilient support such as a car tyre.

BE CAREFUL not to come in contact with the muffler when the engine is hot, since it can cause severe burns.

DO NOT perform any repairs to machinery. Return to Northern Hire Group.

FIRE & EXPLOSION HAZARDS

PETROL is extremely flammable and explosive under certain conditions.

ENSURE that petrol is only stored in an approved storage container.

DO NOT refuel the motor while it is in operation or hot.

DO NOT refuel the motor in the vicinity of sparks, a naked flame or a person smoking.

DO NOT over fill the fuel tank and avoid spilling petrol when refuelling.

Spilled petrol or petrol vapour may ignite. If spillage occurs, ensure that the area is dry before starting the motor.

Motor vibrations can cause an improperly tightened fuel cap to loosen or come off and spill quantities of fuel. To reduce risk of fuel spillage and fire, tighten fuel cap by hand with as much force as possible.

To reduce the risk of serious injury from burns, never attempt to refuel the unit until it has been stopped & completely removed from the operator

CHEMICAL HAZARDS

DO NOT operate or refuel a petrol motor in a confined area without adequate ventilation.

CARBON MONOXIDE exhaust gases from internal combustion motor driven units can cause death in confined spaces.

NOISE HAZARDS

EXCESSIVE NOISE can lead to temporary or permanent loss of hearing.

WEAR an approved hearing protection device to limit noise exposure. as required by Occupational Health and Safety regulations. Noise levels in excess of 85dB(A) may be produced by engines and vibrators.

PROTECTIVE CLOTHING

ALWAYS wear protective clothing and footwear to prevent the skin coming into contact with wet concrete.

PROTECTIVE FOOTWARE should be worn to reduce injuries from penetration through the sole, contact with cutting objects, slipping, contact with wet concrete and electrical hazards.

GOGGLES for eye protection may also be necessary.

USE waterproof protection for hands and knees (if kneeling) when concreting. If your clothing becomes wet from concrete contact make sure you change the clothing. Do not walk about waiting for it to dry.

USE GLOVES when handling and inspecting the flexible shaft outer casing.

Excessive wear of the rubber cover can expose the wire braided reinforcement, allowing it to project and cause injury!

ADDITIONAL HAZARDS

To reduce the risk of injury from loss of balance, start the motor with the unit on a flat level surface, and only pick up the unit when the engine is idling.

Slip/Trip/Fall is a major cause of serious injury or death.

Beware of the flexible shaft and water left on the walking or work surface.

Exercise caution and ensure that the perimeter of elevated formwork or platforms is protected.

Exercise care when working in the vicinity of unprotected holes or excavations

OPERATION

1. To start the motor, place the unit on a flat level surface, and only pick up the unit when the engine is idling.
2. To start the motor turn the engine switch to the ON position.
3. To start a cold engine, move the choke lever to the closed position
4. To restart a warm engine, leave the choke lever in the OPEN position.
5. Press the priming pump several times until a flow in the fuel return tube is visually noticed.
6. Pull the starter grip lightly until you feel resistance while holding the unit steady, then pull briskly.
7. Return the starter grip gently.
8. If the choke lever is in the CLOSED position, gradually move it to the OPEN position as the engine warms up.

9. The idle-up function helps the engine start by opening the throttle valve in the carburetor moderately when the engine won't start.
    a. Hold down the throttle interlock.
    b. Pull the throttle trigger.
    c. Push the idle-knob, then release the throttle trigger and the interlock.
    d. Start the engine

    NOTE: This function must not be used when vibrating.

Always operate the unit at full throttle. This will ensure correct concrete compaction and avoid damage to the drive mechanism.
Be careful starting and or revving the unit on loose gravel as it may be sucked into the flywheel cooling fins causing damage to the unit.
Avoid sharp bends in the flexshaft, particularly when it is in use.
Do not use a eccentric-type immersion vibrator head as an external vibrator by applying it to the outside of formwork.
Do not operate the vibrating head out of concrete for extended periods.
Do not leave it running while you wait for fresh supplies of concrete to be placed.
Vibrator heads are designed to be cooled by the concrete in which they are immersed.