

WARRANTY

Your new Hoppt Concrete Vibrator is warranted to the original purchaser for a period of six months from the original purchase date. The Hoppt warranty covers defects in design, materials and workmanship.

The following are not covered under the Hoppt warranty:

1. Damage caused by abuse, misuse, overspeed, overheating, overbend or other similar damage caused by or as a result of failure to follow assembly, operation or user maintenance instructions.
2. Alterations, additions or repairs carried out by persons other than Hoppt or their recognised agents.
3. Transportation or shipment costs to and from Hoppt or their recognised agents, for repair or assessment against a warranty claim, on any machine
4. Materials and labour costs to renew, repair or replace components due to fair wear and tear.

Hoppt and their recognised agents, directors, employees or insurers will not be held liable for consequential or other damages, losses or expenses in connection with or by any other reason of the inability to use the machine for any purpose.

Warranty Claims: All warranty claims should first be directed to the place of purchase in writing. A copy of proof of purchase must accompany all warranty claims. Claims will only be recognised from an authorised Hoppt Australia dealer. Hoppt reserve the right to repair or replace.

Liability: Hoppt declines any liability for possible damages to persons and/or things, which might arise from improper or wrong use of the machine or non-observance of the operating instructions covered in this manual.

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OPERATING / WARRANTY INSTRUCTIONS



Quality You Can Trust

CONCRETE VIBRATOR

VIB28/VIB38/VIB45/VIB60

WARNING

READ THIS MANUAL BEFORE OPERATING MACHINERY

To reduce the risk of injury, all operators and maintenance personnel must read and understand these instructions before operating or performing maintenance on this power equipment. All possible situations cannot be covered in these instructions.

However care must be exercised by everyone using, maintaining or working near this equipment.

APPLICATIONS

Some common uses - but not limited to:

Columns, roadways, bridge building, foundations, cast panels, slabs, walls, precast beams, piers, statues, decorative garden forms, storage tanks, retaining walls.

VIBRATOR

This vibrator is designed for the compaction of concrete by immersion of the vibrator head. Compaction improves the strength and finish of concrete by driving out entrapped air. Correct vibration allows the efficient compaction of low slump concrete mixes. The vibrator head is driven by a rotating flexible drive shaft that transmits the drive from the drive unit. The vibrator head uses an eccentric mass to produce vibration.

OPERATION

Check that the drive unit is running at 3,000 rpm and there is no damage to the vibrator head and shaft before usage. Any damage to the head or shaft may cause the unit to fail due to moisture ingress.

DO NOT CONNECT THE FLEXSHAFT TO A MOTOR THAT IS ALREADY RUNNING.

If it is running too slow, the compaction will not be as efficient. If it is too fast, damage may occur.

If using a petrol or diesel drive unit - BEFORE CONNECTING THE FLEXSHAFT - run the unit for a few minutes to warm up. STOP THE ENGINE. Only after this procedure has been undertaken should you connect the flexshaft to the drive unit - making sure the drive dogs are fully engaged.

If using a electric drive unit - ensure the direction of rotation is correct. Three phase motors can run in reverse due to incorrect phase rotation and single phase motors can run in reverse due to incorrect internal connections. If vibrator is run in reverse - damage may occur.

Do not operate the flexshaft in a coiled condition. Do keep the flexshaft as straight as possible and ensure that it does not kink or twist. Excessive heat may build up causing the unit to fail.

The vibrator head must be free to vibrate in concrete as it is designed to be cooled by the wet concrete. Vibrate with the head totally submerged in the concrete, avoiding leaving vibrator in the same place for excessive periods. Maintain consistency of spacing and vibration time. Ensure safe work practices are maintained by not using a concrete vibrator for a long period of time.

It is not unusual for the vibrator head to not vibrate from startup. If the head is not vibrating a sharp tap against a solid surface will usually restart the head to vibrate.

NEVER USE VIBRATORS TO SPREAD CONCRETE.

The vibrator head must not be held under any circumstances. The vibrator should not be left running while waiting for next batch of concrete - the bearings may overheat and fail. When concrete vibration finished switch off the engine.

Do not drive over the flexible shaft or vibrator head - damage will occur causing the unit to fail. Never drag the unit around by the flexible shaft.

Excessive vibration or repetitive work may be harmful to hands and arms.

CARE AND MAINTENANCE

Check regularly for signs of external damage or kinking in the flexshaft. Any damage to the head or shaft may cause the unit to fail due to moisture ingress. A badly kinked flexshaft may result in overheating or a broken inner core.

Always clean the unit after use, it's easier to check for damage if it's not covered in concrete

Always have the unit serviced by an authorised service agent.

Helpful Hints

- Match the concrete vibrator to the job, selecting the largest vibrator suitable
- Avoid sharp bends in flexshaft
- Always insert needle vibrator vertically
- Never "throw" the vibrator head out to the job, it could damage the flexible shaft, get caught on reinforcing or even damage a drive unit
- Do not use vibrator to move concrete
- Reinforcement bars should not be touching the vibrator

Effective compaction enhances strength and durability