

FOREWORD

Thank you for your selection of **ORIMAS CONCRETE VIBRATOR**. This manual contains necessary maintenance information for you to ensure proper operation and care for this machine. Thus, it is essential for you to read through this manual thoroughly. Please do not hesitate to contact your local dealer or agent for any problem or suggestion as we always welcome feedback and comments from our valued customers.

Pre Start Up Checking

- Check for loose parts. Tighten all loose parts before operating the unit.
- Make sure flexible hose is in good condition. Do not operate vibrator with torn hose.

Operation



CAUTION

WEAR SAFETY, BOOT, HELMET, SHATTER PROOF GLASSES and other protective devices required by job conditions.

- Step 1. Insert hose connector into Dynapac type coupling. Lock hose connector with locking pin.
- Step 2. Turn on engine / motor.
- Step 3. Put vibrator into concrete and slowly move vibrator around concrete. Air bubbles and water will rise to concrete surface.

IMPORTANT : During operation, make sure flexible hose does not bend more than 60 degree. Over bending of hose during operation will increase stress and friction of inner shaft, causing damage to both inner shaft and hose.

- Step 4. When air bubbles and water stop emerging and concrete surface is smooth and level, pull out vibrator and turn off engine / motor.

Maintenance & Storage

- Clean units right after every operation. After each cleaning, wipe the vibrator with oil to prevent rusting.
- Periodically check any loose parts.
- After every 200 working hours, replace thermal resistance grease (PENZOIL #731 or equivalent grease) in flexible inner shaft and all bearings.
- If concrete vibrator unit is to be stored alone (detach from driven unit), wrap hose connector with a plastic bag to prevent dust and water from getting in.
- Never stack heavy objects on top of concrete vibrator unit prevent damage of flexible hose.

Specifications

PV & JHI SERIES CONCRETE VIBRATOR

MODEL PV/JHI	35	38	45	50	60
Vibrator Head Dia. (mm)	35	38	45	50	60
Flexible Shaft Dia. (mm)	10	10	12	12	13
Flexible Hose Dia. (mm)	30	30	32	32	32
Lead Shaft Length (m)	5.5 or 6.0 (18 or 20ft)				
Vibration Per Min.	10,000 ~ 12,000 V.P.M				

POWER DRIVEN UNITS FOR PV & JHI SERIES

Robin EY-20 Engine	Honda GX160 Engine
Air-cooled, 4-cycle Gasoline Engine	
5HP 3,000 ~ 3,600 rpm	