

## Concrete Vibrator

Internal concrete vibrators HP-VP series, using the pendulum principle, 3000rpm of the drive unit translates via the flexible shaft into 12,000 vibrations per minute in the poker head. The low output speed ensures high reliability and extended service life, can be used between two types of drive units (interchangeable) HP-V series, with 7 standard poker diameters.



HP-VH



HP-VHC



HP-VE2

### Concrete vibrator drive unit- powered by engine

Model	HP-VH	HP-VR	HP-VS	HP-VHC	HP-VD
Engine	Petrol, Honda GX160	Petrol, Robin EY20	Petrol, Subaru EX17	Petrol, Loncin G200F	Diesel, HP170F
Type of Combustion	Air-cooled, single cylinder, 4-stroke				
Power(HP)	5.5	5	6	6.5	3.8
Weight (Kg)	22	22	22	22	31

※Other engines are available as requested

※Features and specifications are subject to change without notification

### Concrete vibrator drive unit- powered by Electric Motor

Model	Power input(KW)	Voltage(V)	Frequency(HZ)	Phase	Unloaded Speed(RPM)	Weight(Kg)
HP-VE1	1.1	220	50/60	Single	2850	8
HP-VE2	1.5	220	50/60	Single	2850	8
HP-VE3	2.2	220	50/60	Single	2850	8

※Features and specifications are subject to change without notification



## Concrete Vibrator

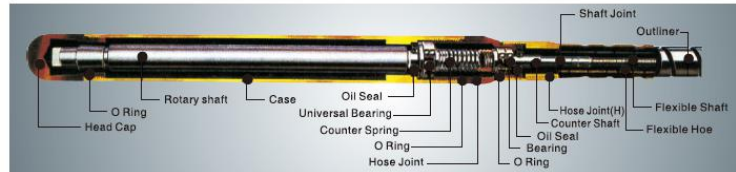


HP-VPS38



HP-VPS60

## Vibrator Poker



### Vibrator Poker HP-VPS series(with spring type)

Model	Vibrator Head Dia. x Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
HP-VPS28	28 x 450	12000~14000	3000~3600	1.4	30	10	6M(4~10M)	15
HP-VPS32	32 x 450			1.8	30	10		15.5
HP-VPS38	38 x 465			1.8	30	10		16
HP-VPS45	45 x 475			2.0	30	10		17
HP-VPS50	50 x 475			2.0	32	12		19
HP-VPS60	60 x 480			2.4	32	12		22
HP-VPS68	68 x 480			2.4	32	12		23

※The flexible pipe length can be make according to your demands.

※Features and specifications are subject to change without notification

### Vibrator Poker HP-VP series(without spring type)

Model	Vibrator Head Dia. x Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
HP-VP28	28 x 450	12000~14000	3000~3600	1.4	30	10	6M(4~10M)	15
HP-VP32	32 x 450			1.8	30	10		15.5
HP-VP38	38 x 465			1.8	30	10		16
HP-VP45	45 x 475			2.0	30	10		17
HP-VP50	50 x 475			2.0	32	12		19
HP-VP60	60 x 480			2.4	32	12		22
HP-VP68	68 x 480			2.4	32	12		23

※The flexible pipe length can be make according to your demands.

※Features and specifications are subject to change without notification

## Portable Concrete Vibrator

Powered by Honda 4 stroke petrol engine with comfortable handle grip, HP-PCV portable vibrator allows operator vibrating concrete around the site with an ease to use unit. No need for electricity supply or separate drive unit.



### Features

- 4 stroke Honda engine, No oil/gasoline mixture, low noise and low emission.
- Total mobility without depending on electric power supply.
- Optimal frequency to relieve air and voids in concrete mix.
- Well mounted swivel and isolated frame can minimize the vibrations to user.
- Strong rubber hose with 3 length options meets the demands for different applications.
- Quick connection and disconnection device on the shaft.

### Portable Concrete vibrator drive unit

Model	Engine	Power input(HP)	Unloaded Speed(RPM)	Connection to flexible shaft	Weight(Kg)
HP-PCVH	Petrol, Honda GX35	1.6	7500-8000	Square Socket	7
HP-PCVHC	Petrol, Chinese Engine	1.6	7500-8000	Square Socket	7

※ Other engines are available as requested

※ Features and specifications are subject to change without notification

### Vibrator Poker HP-PCV series

Model	Vibrator Head Dia. × Length	Vibrating Frequency (VPM)	Rotational Speed (RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
HP-PCV35	35 × 335	12000-14000	6500-7500	1.0	30	10	1-2M	8
HP-PCV38	38 × 380			1.2	30	10		9
HP-PCV45	45 × 400			1.3	30	10		10

※ The flexible pipe length can be made according to your demands

※ Features and specifications are subject to change without notification

## Eccentric Concrete Vibrator



HP-ECVR



HP-ECVE



HP-ECV38



### Features

- Strong plastic housing with double insulation and water-proof protection.
- Oversized motor, with reinforced cable against bending.
- Lightweight vibrator provides easier handling and portability in situations with limited access.
- Faster consolidation by high cycle frequency and powerful centrifugal force.

### Eccentric Concrete vibrator drive unit—powered by engine

Model	Engine	Power input(HP)	Unloaded Speed(RPM)	Connection to flexible shaft	Weight(Kg)
HP-ECVH	Petrol,Honda GX160	5.5	18000	Hexagonal Socket	42
HP-ECVR	Petrol,Robin EY20	5.0	18000	Hexagonal Socket	42

※Other engines are available as requested

※Features and specifications are subject to change without notification

### Eccentric Concrete vibrator drive unit- powered by Electric Motor

Model	Power input(KW)	Voltage(V)	Frequency(HZ)	Phase	Unloaded Speed(RPM)	Weight(Kg)
HP-ECVE	2.3	220	50/60	Single	18000	6

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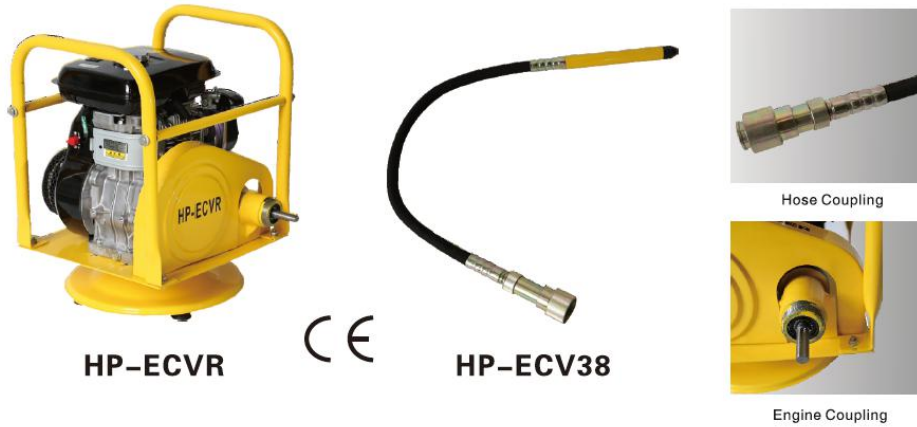
### Eccentric Vibrator Poker HP-ECV series

Model	Vibrator Head Dia.×Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
HP-ECV32	32×335	12000~14000	12000~14000	1.0	30	10	2M(1~4M)	8
HP-ECV38	38×380			1.2	30	10		9
HP-ECV45	45×400			1.3	30	10		10

※The flexible pipe length can be make according to your demands

※Features and specifications are subject to change without notification

## Eccentric Concrete Vibrator(Japan Type)



### Features

- Strong plastic housing with double insulation and water-proof protection.
- Oversized motor, with reinforced cable against bending.
- Lightweight vibrator provides easier handling and portability in situations with limited access.
- Faster consolidation by high cycle frequency and powerful centrifugal force.

### Eccentric Concrete vibrator drive unit—powered by engine (Japan type)

Model	Engine	Power input(HP)	Unloaded Speed(RPM)	Connection to flexible shaft	Weight(Kg)
HP-ECVH	Petrol, Honda GX160	5.5	12000	Hexagonal Socket	42
HP-ECVR	Petrol, Robin EY20	5.0	12000	Hexagonal Socket	42

### Eccentric Vibrator Poker HP-ECV series (Japan type)

Model	Vibrator Head Dia.×Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
HP-ECV38	38 × 380	12000~14000	10000~12000	1.2	30	10	4M(3~6M)	9
HP-ECV45	45 × 400			1.3	30	10		10

- ※ The flexible pipe length can be made according to your demands  
 ※ Features and specifications are subject to change without notification



## Concrete Vibrator(Russia type)



### Concrete vibrator drive unit- powered by Electric Motor

Model	Power input(KW)	Voltage(V)	Frequency(HZ)	Phase	Unloaded Speed(RPM)	Weight(Kg)
HP-RE1	1.1	220	50/60	Single	2850	10
HP-RE2	1.5	220	50/60	Single	2850	12
HP-RE3	2.2	220	50/60	Single	2850	14

※Features and specifications are subject to change without notification

### Vibrator Poker HP-RP series

Model	Vibrator Head Dia. x Length	Vibrating Frequency (VPM)	Rotational Speed(RPM)	Vibrating Amplitude (mm)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (M)	Weight (Kg)
HP-RP38	38 x 442	12000~14000	2800~3000	1.6	30	10	6M(4~10M)	15
HP-RP51	51 x 442			2.0	36	14		19
HP-RP76	76 x 450			2.4	36	14		23

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## Submersible Pump



### Submersible Pump (Flexible Shaft Pump)

Our pump is compact with aluminium casting body and can be used with ease even in areas without access to power supply

The high performance pump is so designed that it is free from trouble due to foreign Objects .The pump can be driven by the engines through flexible shaft inserted in the hose. Our pump and vibrator could have the same connections. Recommended drive units are our HP-V series

Model	Discharge Dia mm(in)	Max.Lift (m)	Max.Capacity (l/h)	Rotational Speed(RPM)	Diameter of Flexible Hose (mm)	Diameter of Flexible Shaft (mm)	Length (m)	Weight (kg)
HP-SP2	50 (2)	16	1200	3000-3600	32	12	6M	21
HP-SP3	75 (3)	16	1500	3000-3600	32	12	(4~10M)	22