

FLEXTOOL HEAVY DUTY CONCRETE VIBRATORS

The Flextool VP Series of Immersion Concrete Vibrators produce high frequency vibration allowing for the efficient compaction of low slump concrete mixes. Compaction improves the strength and finish of the concrete by driving out entrapped air. The epicyclic design of the VP series vibrator range generates high frequency vibration from a low flexshaft speed, the low speed of both the flexshaft and vibrator rotor results in longer service life. The rotor generating the vibration is supported by a heavy duty self aligning bearing and executes a pendulum motion. Vibration is greatest at the tip of the vibrator head.



HEAVY DUTY IMMERSION CONCRETE VIBRATORS VP - HARD NOSE CAP

| MODEL | | VP28 | VP38 | VP38 | VP44 | VP44 | VP57 | VP57 |
|------------------------|---------|--------|--------|--------|--------|--------|--------|--------|
| Product Code | | F07720 | F01732 | F02240 | F01762 | F02245 | F01750 | F02250 |
| Flexshaft Length | m | 6 | 6 | 9 | 6 | 9 | 6 | 9 |
| Vibrator Head Dia | mm | 28 | 38 | 38 | 44 | 44 | 57 | 57 |
| Vibrator Head Length | mm | 415 | 480 | 480 | 470 | 470 | 450 | 450 |
| Operating Weight | kg | 15 | 21 | 29 | 22 | 30 | 24 | 32 |
| Shaft Inner Core Dia | mm | 10 | 13 | 13 | 13 | 13 | 13 | 13 |
| Shaft Outer Casing Dia | mm | 28 | 32 | 32 | 32 | 32 | 32 | 32 |
| Frequency | vib/min | 15,000 | 11,000 | 11,000 | 11,000 | 11,000 | 11,000 | 11,000 |
| Amplitude in Air | mm | 0.6 | 1.7 | 1.7 | 1.8 | 1.8 | 2.1 | 2.1 |



Immersion vibrator shafts fitted with resilient nose caps extend the life of form boards and improves off-the-form finishes



HEAVY DUTY IMMERSION CONCRETE VIBRATORS VP - RESILIENT NOSE CAP - POLYURETHANE TIPPED

| MODEL | | VP38 | VP38 | VP44 | VP44 | VP57 | VP57 |
|------------------------|---------|--------|--------|--------|--------|--------|--------|
| Product Code | | F01857 | F02241 | F01856 | F02246 | F01858 | F02251 |
| Flexshaft Length | m | 6 | 9 | 6 | 9 | 6 | 9 |
| Vibrator Head Dia | mm | 38 | 38 | 44 | 44 | 57 | 57 |
| Vibrator Head Length | mm | 480 | 480 | 465 | 465 | 500 | 500 |
| Operating Weight | kg | 21 | 29 | 22 | 30 | 24 | 32 |
| Shaft Inner Core Dia | mm | 13 | 13 | 13 | 13 | 13 | 13 |
| Shaft Outer Casing Dia | mm | 32 | 32 | 32 | 32 | 32 | 32 |
| Frequency | vib/min | 11,000 | 11,000 | 11,000 | 11,000 | 11,000 | 11,000 |
| Amplitude in Air | mm | 1.7 | 1.7 | 1.8 | 1.8 | 2.1 | 2.1 |

FLEXTOOL EXTENSION FLEXSHAFTS

Flextool extension shafts extend the length of an existing submersible pump and concrete vibrators. Fitted with the same 60mm quick action coupling as the drive units, these extensions allow for quick onsite connection.

APPLICATIONS

- Deep columns
- Elevated formwork
- Deep excavations



| MODEL | PVX-6 | PVX-9 | PVX-6HD |
|------------------------|--------|--------|---------|
| Product Code | F02304 | F02381 | F06526 |
| Flexshaft Length | 6 | 9 | 6 |
| Operating Weight | kg 19 | 27 | 24 |
| Shaft Inner Core Dia | mm 13 | 13 | 15 |
| Shaft Outer Casing Dia | mm 32 | 32 | 38 |

EXTENSION SHAFT SELECTION GUIDE

VP SERIES CONCRETE VIBRATORS

| | PVX-6 | PVX-9 | PVX-6HD |
|-----------|-------|-------|---------|
| VP28 x 6m | ● | ● | ● |
| VP38 x 6m | ● | ● | ● |
| VP38 x 9m | ● | ● | ● |
| VP44 x 6m | ● | ● | ● |
| VP44 x 9m | ● | ● | ● |
| VP57 x 6m | ● | ● | ● |
| VP57 x 9m | ● | ● | ● |