

# FREE-SUSPENDED VIBRATOR

## SELECTION GUIDE

The Free Suspended Vibrator (FSV) is used for installing and extracting both sheet piles and tubes using either a crawler crane or mobile/telescopic crane. The vertical force and vibrations generated by the hammer make the FSV a powerful, productive pile driving solution.

The three vibrator types are; **Standard Frequency** – operates at the lowest frequency but offers the greatest amplitude, **High Frequency** – operates at a higher frequency with lower amplitude reducing the overall levels of ground vibration, and **Resonance-Free** – operates similar to the High Frequency model but with the elimination of low frequency vibration at start-up and shut down.

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PILE DRIVEN LENGTH (m)	SOIL & HAMMER TYPES										
	Very Loose		Loose		Medium Dense				Dense Granular or Soft Cohesive	Very Dense Granular or Firm Cohesive	
	SHEET PILES		PILE & TUBE	SHEET PILES	PILE & TUBE	PILE & TUBE	PILE & TUBE	SHEET PILES	PILE & TUBE	PILE & TUBE	
0											
10											
20											
30											
40											
MODEL	230 B / 328 B / 428 B*	MS5 HFBV / 7RF	223	MS10	1423c	14 RF	18 RF	MS16	3120 / 3220	815c	
PILE RANGE	3m - 7m	6m - 10m	6m - 12m	6m - 12m	8m - 16m	8m - 16m	8m - 20m	8m - 20m	8m - 30m	8m - 40m	
MODEL TYPE	Crawler Crane	Resonance Free	High Frequency	Resonance Free	High Frequency	Resonance Free	Resonance Free	Resonance Free	Standard Frequency	Standard Frequency	
CRANE TYPE	Crawler Crane	Crawler & Mobile / Telescopic Crane	Crawler Crane	Crawler & Mobile / Telescopic Crane	Crawler Crane	Crawler & Mobile / Telescopic Crane	Crawler & Mobile / Telescopic Crane	Crawler & Mobile / Telescopic Crane	Crawler Crane	Crawler Crane	

\*Normally used with excavators but can be used on cranes when supplied with a powerpack.

For FSV & other applications contact the Hire Desk  
**0800 731 4960** [www.piletec.co.uk](http://www.piletec.co.uk)



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