



Excavator Mounted Vibrators

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Excavator Mounted vibratory hammers

These are small vibrators with double eccentrics to ensure powerful vertical vibrations. These units are purpose built excavator attachments, converting the hydraulic power of the excavator into powerful bi-direction vibration.

These vibrators are classed as high frequency and so provide lower levels of ground vibration, and due to their low noise levels are the Industry standard equipment for the installation and extraction of trench sheeting and plastic piling.

Combined with APE manufacturing ability a wide range of timbers and tubular piles can be driven through the use of pile caps. In terms of synthetic piling, these vibrators can be used directly on some products, or indirectly through pile caps and mandrels.

APE offer a range of DCP and ICE vibrators, that can be attached to excavators from 5 tonnes through to 30 tonnes in weight. The ICE vibrators are of the more popular B design, so slightly taller in use and so better suited to lap sheets. The Ice vibrators prove most useful when working near obstructions as their clamps can be rotated enabling piles to be driven as close as 250mm



Specifications

Specification	Units	EMV70	ICE 230B	ICE 328B	EMV300
Eccentric Mo- ment	Kgm	0.7	2.2	3.2	4.6
Force	kN	70	220	275	300
Frequency	Rpm	3000	3500	2800	2400
Amplitude	mm	3.4	8	11	14.6
Max Static force allowed	kN	28	60	60	80
Hydraulic Power	kW	12	38	47	52
Pressure min/ max	Bar	240/350	210/350	210/350	240/350
Flow required	lpm	30-120	90-105	110-120	130-250
Weight	Kg	530	940	940	860/940
Excavator Size	Ton- nes	5-20	13-24	18-30	13-30
Max Pile mass	kg	800	800	800	800

