

Vibro Hammers - Fixed Eccentric Moment

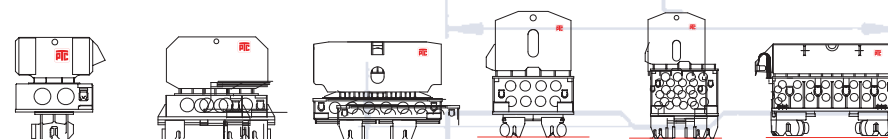
PTC vibrators.

Vibrodrivers: For deep Foundations

PTC is a worldwide leading company specialized in design and manufacture of vibratory hammer for piling equipments.

Vibrodriver :The largest and most efficient range of hydraulic vibrators, for pile driving and extracting available in H & HD standard frequency series.

This flexible range adapts to applications needing to drive big sheet piles and casings with proper weights upto 100 tons.



PTC Standard Frequency Vibratory Hammers

		15H1	30H1A	75HD	120HD	200HD	265HD
Eccentric Moment	m.Kg	15	30	75	120	199	261
Hydraulic power	kW/hp	116 / 158	208 / 282	360 / 490	481 / 654	709 / 964	1123 / 1526
Oil flow	l/min	194	346	601	802	1182	1872
Maximum frequency	Hz/rpm	28 / 1680	28 / 1680	25 / 1500	23 / 1380	23 / 1380	24 / 1440
Max. centrifugal force	kN	473	947	1887	2555	4237	6051
Max. line pull capacity	kN	200	400	1050	1200	1800	1800
Vibrating weight	kg	1250	2470	5930	8200	13340	19950
Total weight	kg	2150	4120	11800	13300	19540	27450
Max. amplitude	mm	24.0	24.3	25.3	29.3	29.8	26.2
Length	m	1.590	2.500	3.460	2.300	2.300	4.100
Max. width	m	0.620	0.740	0.780	1.505	1.520	2.000
Centre width	m	0.315	0.330	0.780	0.800	0.800	1.600
Height without clamp	m	1.350	1.800	2.110	3.000	4.000	2.300
Cooler (for continuous running)		-	-	Option	Option	Option	Option
Recommended Power Pack							
Type				700	900	1200	1900
Recommended Clamping Head							
For sheet pile		Agriplex 55t	Agriplex 120t	Agriplex 240t 2150 kg	-	-	-
For casings		Duplex 2x42t	Duplex 2x55t	Duplex 2 x 120t 1630 kg	Duplex 2 x 150t 3100 kg	-	-
Min. and max. casing diameter	mm	190 / 1210	250 / 2300	580 / 2834	60 / 1676		
For big size casings					Quadriplex 4 x 120t 3200 kg	Quadriplex 4 x 150t 6200 kg	Quadriplex 4 x 250t 10500 kg
Min. and max. casing diameter	mm	-	-	-	1420 / 1840	1450 / 1820	1780 / 3590