

# HFV RANGE

## High Frequency and Variable Moment Technology\*



The HFV range allows to adjust the amplitude at anytime, thus it is highly recommended for “vibration-sensitive” applications: city centers, or near existing structures (bridges, highways, metro). The HFV Vibrodrivers are suitable for telescopic cranes thanks to their resonance-free start up and shut down. The VIBMASTER® monitoring system is highly recommended.



\* For more information on PTC patented variable moment technology, see page 8.



VIBRODRIVERS		8HFV	10HFV	14HFV	16HFV	20HFV	24HFV	30HFV	32HFV	40HFV	48HFV
ECCENTRIC MOMENT	m.kg	0 - 8	0 - 10	0 - 14.5	0 - 16	0 - 20	0 - 24	0 - 29	0 - 32	0 - 40	0 - 48
HYDRAULIC POWER	kW / HP	113 / 153	144 / 195	148 / 201	227 / 308	306 / 415	324 / 440	339 / 460	385 / 523	512 / 696	647 / 880
OIL FLOW	L/min	188	246	246	378	509	539	565	641	854	1079
MAX. FREQUENCY	Hz / rpm	39.2 / 2350	38.3 / 2300	35 / 2100	38.3 / 2300	38.3 / 2300	38.3 / 2300	36.7 / 2200	38.3 / 2300	38.3 / 2300	38.3 / 2300
MAX. CENTRIFUGAL FORCE	kN	494	591	715	946	1183	1419	1569	1893	2366	2839
MAX. LINE PULL CAPACITY	kN	120	225	240	240	300	300	600	600	750	750
VIBRATING WEIGHT WITHOUT CLAMP	kg	973	1015	2350	2400	2455	2485	3930	4005	4125	4235
TOTAL WEIGHT WITHOUT CLAMP	kg	1402	1940	3590	3635	3710	3745	6525	6615	6975	7085
MAX. AMPLITUDE	mm	16.4	19.7	12.3	13.3	16.3	19.3	14.8	16.0	19.4	22.7
LENGTH	m	1.225	1.390	1.976	1.976	1.976	1.976	2.300	2.300	2.300	2.300
MAX. WIDTH	m	0.623	0.623	0.775	0.775	0.775	0.775	0.921	0.921	0.921	0.921
CENTRE WIDTH	m	0.345	0.385	0.400	0.400	0.400	0.400	0.400	0.400	0.400	0.400
HEIGHT WITHOUT CLAMP	m	1.334	1.406	1.976	1.976	1.976	1.976	2.327	2.327	2.397	2.397
COOLER (FOR CONTINUOUS RUNNING)	-	-	-	Option	Standard	Standard	Standard	Standard	Standard	Standard	Standard
RAKED VERSION	-	-	-	Option	Option	Option	Option	Option	Option	Option	Option
<b>RECOMMENDED POWER PACK</b>											
TYPE		240	240	240	400 L	500 L	600 L	600	650 L	900 L	1200 L
<b>RECOMMENDED CLAMPS</b>											
<b>FOR SHEET PILES</b>		Agriplex 60 t	Agriplex 90 t	Agriplex 85 t	Agriplex 120 t	Agriplex 170 t	Agriplex 170 t	Agriplex 240 t	Agriplex 240 t	Agriplex 350 t	Agriplex 350 t
CLAMPS TOTAL WEIGHT	kg	265 kg	330 kg	430 kg	750 kg	1250 kg	1250 kg	2150 kg	2150 kg	2730 kg	2730 kg
<b>FOR CASINGS AND TUBES</b>		Duplex 2 x 42 t	Duplex 2 x 42 t	Duplex 2 x 42 t	Duplex 2 x 55 t	Duplex 2 x 85 t	Duplex 2 x 85 t	Duplex 2 x 120 t	Duplex 2 x 120 t	Duplex 2 x 150 t	On request
CLAMPS TOTAL WEIGHT	kg	580 kg	580 kg	580 kg	950 kg	1250 kg	1250 kg	1630 kg	1630 kg	3100 kg	On request
CASING DIAMETER (MIN. AND MAX.)	mm	190 / 1000	190 / 1000	190 / 1210	250 / 1150	320 / 1080	320 / 1080	580 / 1634	580 / 1634	650 / 1578	On request
<b>FOR CONCRETE AND WOODEN PILES</b>		Multigrip 60 t	-	Multigrip 120 t	Multigrip 120 t	Multigrip 180 t	Multigrip 180 t	-	-	-	-
	kg	780 kg	-	1560 kg	1560 kg	2300 kg	2300 kg	-	-	-	-

PTC reserves the right to modify the technical data without notice.