

# High Frequency Vibrators with Variable Eccentricity

VIBRATOR		10 HFV	15 HFVA	15 HFVSA	17 HFV	23 HFV	30 HFV	34 HFV	60 HFV	60 HFVS
Power of vibrator	HP	129	190	272	314	302	417	578	578	900
Eccentric moment	in.lbf	0-700	0-1300	0-1300	0-1500	0-2000	0-2400	0-3000	0-4700	0-4700
Maximum frequency	Hz/vpr	38/2300	38/2300	38/2300	38/2300	38/2300	38/2300	38/2300	38/2300	38/2300
Max. centrifugal force	ton	53	100	100	110	160	180	220	370	370
Max. line pull capacity	ton	22	34	34	34	45	45	45	67	67
Vibrating weight	lbs	3700	4000	4200	6600	7700	8300	10600	14000	14000
Total weight	lbs	4600	6600	7000	9600	11900	12300	15400	24600	24600
Max. amplitude	in.	0.38	0.67	0.59	0.71	0.59	0.67	0.63	0.67	0.67
Cooler*		option	option	option	standard	option	option	standard	option	option
Length	in.	61	70	70	75	87	87	91	88	88
Max. width	in.	31	31	31	32	34	34	37	55	55
Centre width	in.	12	13	13	15	13	13	15	31	31
Height without clamp	in.	44	75	75	83	83	83	89	111	111

\* Noticeably for continuous running

POWER PACK		180	260	350	450	450	600	800	800	1200
Intermittent rating of engine										
DIN6271 or ISO3046	HP	167	270	385	385	385	522	684	684	1065
Engine model		J. Deere 6059T	CAT 3306D DIT	CAT 3406D DIT	CAT 3406D DIT	CAT 3406D DIT	CAT 3406D DITA 2	CAT 3412D DITT	CAT 3412D DITT	CAT 3412 DISTA
Max. rotation speed	rpm	2500	2300	2300	2200	2350	2300	2300	2300	2300
Max. oil flow	gpm	48	79	100	111	111	158	216	216	317
Max. pressure	psi	5600	5600	5600	5600	5600	5600	5600	5600	5600
Hydraulic oil capacity	gal	50	80	80	80	80	170	215	215	215
Fuel capacity	gal	50	100	100	100	100	260	290	290	370
Length	in.	106	152	166	166	166	185	197	197	201
Width	in.	50	63	63	63	63	71	80	80	88
Height	in.	71	74	81	81	81	91	90	90	88
Weight without fuel	lbs	4850	9900	11000	11000	11000	15400	20900	20900	22000

## CONNECTING HOSES

Standard length	in.	1200	1200	1200	1200	1200	1200	1800	1800	1800
Weight	lbs	860	860	860	860	860	1350	2400	2400	3700

## CLAMPING HEAD

- Single sheet piles not Z Double straight web and Z shaped sheet piles	Agriplex 55 t	Agriplex 120 t	Agriplex 120 t	Agriplex 120 t	Agriplex 170 t	Agriplex 240 t	Agriplex 240 t	Agriplex 2x240 t	Agriplex 2x240 t
Weight	790 lbs	1760 lbs	1760 lbs	Weight 1760 lbs	2750 lbs	4730 lbs	4730 lbs	12100 lbs	12100 lbs
- Double sheet piles not Z	Multiplex 2x40 t	Multiplex 2x55 t	Multiplex 2x55 t	Multiplex 2x55 t	Multiplex 2x120 t	Multiplex 2x120 t	Multiplex 2x120 t	Multiplex 2x150 t	Multiplex 2x150 t
Weight	1320 lbs	2860 lbs	2860 lbs	2860 lbs	4850 lbs	4850 lbs	4850 lbs	6800 lbs	6800 lbs
- Casings. Most box piles.	Duplex 2x40 t	Duplex 2x55 t	Duplex 2x55 t	Duplex 2x55 t	Duplex 2x120 t	Duplex 2x120 t	Duplex 2x120 t	Duplex 2x150 t	Duplex 2x150 t
Weight	1320 lbs	2100 lbs	2100 lbs	2100 lbs	3650 lbs	3650 lbs	3650 lbs	6800 lbs	6800 lbs