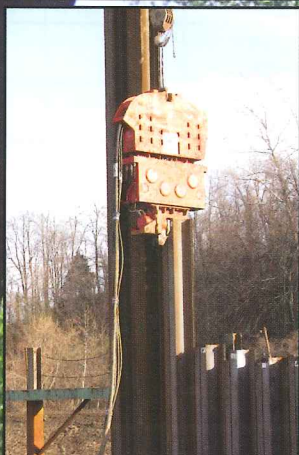


MKT HYDRAULIC VIBRATORY DRIVER/EXTRACTORS



- Models ranging from 8-201 tons driving force, 8-80 tons line pull
- Remote pendant controls for all functions
- Capable of fully submerged operation
- Enhanced crane-boom protection via unique elastomer suspension assembly
- Best combination available of hydraulic horsepower, frequency, & free-hanging weight
- Uncomplicated hydraulic circuitry
- Enclosed hydraulic power units
- Manufactured & assembled in St. Louis, MO facility

MKT

STD. HYDRAULIC VIBRATORY PILE DRIVER/EXTRACTOR



TYPE	V-1	V-2E	V-5C	V-5E	V-20B	V-22	V-35	V-52
Driving Force	8 tons (73 kN)	25 tons (222 kN)	53 tons (472 kN)	53 tons (472 kN)	98.5 tons (877 kN)	100 tons (891 kN)	200 tons (1780 kN)	201 tons (1789 kN)
Frequency	1,678 CPM	1,800 CPM	1,700 CPM	1,700 CPM	1,700 CPM	1,650 CPM	1,700 CPM	1,650 CPM
Eccentric Moment	200 in-lbs (231 kg-cm)	550 in-lbs (635 kg-cm)	1,300 in-lbs (1500 kg-cm)	1,300 in-lbs (1500 kg-cm)	2,400 in-lbs (2770 kg-cm)	2,600 in-lbs (3002 kg-cm)	4,800 in-lbs (5540 kg-cm)	5,200 in-lbs (6001 kg-cm)
Amplitude	.75 in (19 mm)	.75 in (19 mm)	1 in (25.4 mm)	1 in (25.4 mm)	.75 in (19 mm)	.75 in (19 mm)	1 in (25.4 mm)	1 in (25.4 mm)
Clamping Force	8 tons (73 kN)	16 tons (145 kN)	62 tons (550 kN)	62 tons (550 kN)	75 tons (667 kN)	75 tons (667 kN)	100 tons (890 kN)	100 tons (890 kN)
Maximum Line Pull	8 tons (73 kN)	16 tons (145 kN)	30 tons (267 kN)	30 tons (267 kN)	60 tons (534 kN)	60 tons (534 kN)	80 tons (712 kN)	80 tons (712 kN)
Height	40 in. (1016 mm)	45 in. (1143 mm)	91 in. (2311 mm)	75 in. (1905 mm)	120 in. (3048 mm)	105 in. (2667 mm)	136 in. (3454 mm)	124 in. (3150 mm)
Throat Width	9 in. (229 mm)	12 in. (305 mm)	13 in. (330 mm)	13 in. (330 mm)	13 in. (330 mm)	16 in. (406 mm)	13 in. (330 mm)	16.25 in. (412 mm)
Shipping Width	44 in. (1118 mm)	51 in. (1295 mm)	79 in. (2007 mm)	85 in. (2159 mm)	102 in. (2591 mm)	75 in. (1905 mm)	96 in. (2438 mm)	96 in. (2438 mm)
Weight w/ Clamp	1,600 lbs (725 kg)	2,700 lbs (1225 kg)	7,200 lbs (3276 kg)	6,200 lbs (2813 kg)	10,750 lbs (4891 kg)	8,750 lbs (3981 kg)	15,500 lbs (7053 kg)	15,500 lbs (7053 kg)
Hose Bundle Length	100 ft. (30 m)	100 ft. (30 m)	100 ft. (30 m)	100 ft. (30 m)	150 ft. (46 m)	150 ft. (46 m)	150 ft. (46 m)	150 ft. (46 m)
Hose Bundle Weight	325 lbs (148 kg)	325 lbs (148 kg)	830 lbs (378 kg)	830 lbs (378 kg)	1,750 lbs (797 kg)	1,750 lbs (797 kg)	2,150 lbs (978 kg)	2,150 lbs (978 kg)



POWER UNIT	HP-35	HP-85	HP-185	HP-365	HP-630	HP-700
Engine	Cummins	Deere	Deere	Cummins	Cat	Cat
Engine HP	35 HP (26 kW)	85 HP (26 kW)	185 HP (138 kW)	350 HP (261 kW)	630 HP (470 kW)	700 HP (522 kW)
Operating Speed	2,800 RPM	2,200 RPM	2,100 RPM	2,250 RPM	2,100 RPM	2,100 RPM
Hydraulic Flow	15 GPM (15 lpm)	30 GPM (114 lpm)	75 GPM (284 lpm)	90 GPM (327 lpm)	190 GPM (719 lpm)	190 GPM (719 lpm)
Hydraulic Pressure	2,500 PSI (172 bar)	2,500 PSI (172 bar)	3,000 PSI (207 bar)	5,500 PSI (380 bar)	5,000 PSI (345 bar)	5,500 PSI (380 bar)
Fuel Capacity	30 gal (114 l)	26 gal (98 l)	55 gal (208 l)	110 gal (416 l)	130 gal (492 l)	130 gal (492 l)
Hydraulic Oil Capacity	50 gal (189 l)	50 gal (189 l)	120 gal (454 l)	150 gal (568 l)	200 gal (757 l)	200 gal (757 l)
Length	96 in. (2438 mm)	96 in. (2438 mm)	106 in. (2692 mm)	132 in. (3353 mm)	176 in. (4470 mm)	176 in. (4470 mm)
Width	48 in. (1219 mm)	44 in. (1118 mm)	42 in. (1067 mm)	48 in. (1219 mm)	64 in. (1226 mm)	64 in. (1226 mm)
Height	60 in. (1524 mm)	69 in. (1753 mm)	75 in. (1905 mm)	84 in. (2134 mm)	88 in. (2235 mm)	88 in. (2235 mm)
Weight	2,000 lbs (907 kg)	2,500 lbs (1138 kg)	4,000 lbs (1820 kg)	9,500 lbs (4322 kg)	15,000 lbs (6825 kg)	15,000 lbs (6825 kg)

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