

TELESCOPIC MAST (TM) MOBILRAM

Rig Dimension in feet		TM 10/12.5	TM 11/14	TM 13/16	TM 14/17V	TM 22	TM 20/25
Min reach							
Overall height	A	52.84	61	66.78	73.9	88.8	103.93
Max stroke vibro hammer	B	40.01	45.9	52.49	56.89	72.1	86.22
Max stroke drill	B	40.99	47.06	52.85	57.4	72.2	87.41
Max stroke double head	B	n/a	n/a	49.31	53.74	73	81.56
Max stroke press	B	n/a	n/a	n/a	57.13	72.9	86.99
Center rig to center vibro	C	13.93	14.33	13.4	14.25	15.4	15.1
Center rig to center drill	C	13.57	14.19	13.51	14.45	15.4	15.83
Center rig to center double head	C	n/a	n/a	14.17	15.09	16.1	15.99
Center rig to center press	C	n/a	n/a	n/a	15.09	15.6	14.87
Winch height	D	n/a	2.47	2.47	2.47	2.7	2.24
Center rig to center mast slewing	V	9.38	9.59	8.92	8.92	9.6	8.9
Max Auger Length	X	39.37	45	51	55	70.5	83
Knuckle Joint Length	Z	1.74	1.73	1.73	1.73	2.6	special
Max Reach							
Overall height	E	46.2	52.82	56.93	67.11	79.9	102.42
Max stroke vibro hammer	F	33.4	38.48	42.65	50.10	63.2	84.71
Max stroke drill	F	34.4	38.87	43.01	50.60	63.1	85.90
Max stroke double head	F	n/a	n/a	39.46	46.94	70.7	80.05
Max stroke press	F	n/a	n/a	n/a	50.34	63.8	85.48
Center rig to center vibro	G	17.2	19.12	18.99	17.81	21.3	18.53
Center rig to center drill	G	16.9	18.98	18.86	18.02	21.3	19.25
Center rig to center double head	G	n/a	n/a	19.52	18.66	18.7	19.42
Center rig to center press	G	n/a	n/a	n/a	17.53	21.6	18.3
Center rig to center mast slewing	W	12.7	14.38	14.27	12.50	15.6	12.33
Attachment's Lowest Position							
Height below grade vibro	H	-7.6	-7.44	-9.87	-5.67	-9.0	-0.59
Height above grade drill	H	-6.7	-7.05	-9.48	-5.16	-9.1	0.60
Height below grade double head	H	n/a	n/a	-13.02	-8.82	-8.3	-5.24
Height below grade press	H	n/a	n/a	n/a	-5.43	-8.3	-0.18
Lowest mast height	U	21.6	33.7	36.5	39.6	47.4	64
Transport Dimensions							
Track length	I	16.2	15.42	15.41	16.76	17.5	19.75
Height below mast	J	8.7	9.08	8.30	8.41	8.8	9.49
Rig center to mast front	K	21.4	26.90	29.90	22.24	22.7	33.84
Overall length	L	32.5	38.56	39.37	41.01	47.5	64.43
Overall height	M	11.2	11.31	11.15	11.15	11.8	12.63
Center rig to rear counterweight	N	11.1	11.66	12.46	12.99	13.5	15.46
Center rig to rear mast	O	less than N	less than N	less than N	18.76	24.8	30.59
Ground clearance	P	3.8	4.03	3.60	3.39	3.9	4.57
Track shoe width standard	Q	2.6	2.29	2.95	2.95	3.0	2.95
Track width transport	R	11.2	10.17	10.82	11.15	11.2	11.15
Track width	S	11.1	10.17	10.82	13.78	15.4	15.74
Mast slewing (Degrees)	T	200	200	200	180	180	180
Transport weight	lbs	75,000	103,000	109,000	124,000	165,000	198,000
Transport weight without counterweight	lbs	67,000	83,000	94,800	102,000	131,120	164,120



Other Specifications							
Max crowd force	lbs	16,500	20,225	20,225	27,000	33,000	44,945
Max pulling force	lbs	30,800	39,325	39,325	44,945	66,000	66,180
Max pile & attachment (moving)	lbs	13,200	19,800	19,800	22,000	28,600	33,000
Max line pull aux winch	lbs	6,600	11,235	11,235	11,235	11,235	11,235
Max variable vibro (Model / tons)		12V/60	12V/80	20V/100	20V/110	30V/160	30V/160
Mast width	in	17.7	19.7	19.7	19.7	21.7	23.6
Max torque single head	ft lbs	22,100	31,000	31,000	73,700	110,550	190,000
Max torque double head (ft lbs x 1000)		n/a	24/18	48/24	74/48	110/55	147/88
Diesel hammer Model		n/a	D19*	D19*	D19/D30*	D30*	D30/D46*
Soilmixing drill heads	type	single	single	single	double	triple	triple
Engine power (over 750 not tier 3 or 4)	Hp	271	354	548	630	710	710