

MANITOWOC ENGINEERING CO.

Division of The Manitowoc Company, Inc. Manitowoc, Wisconsin 54220

**WEIGHT DISTRIBUTION****M-250T****BOOM NO. 44A WITH LONG REACH TOP
MANITOWOC 16 X 8 CARRIER**

COMPONENTS	WEIGHT DISTRIBUTION FOR TRAVELING									
	UPPER FACING REAR				TOTAL WEIGHT		UPPER FACING FRONT			
	FRONT AXLE GROUP		REAR AXLE GROUP				FRONT AXLE GROUP		REAR AXLE GROUP	
	LBS.	kg	LBS.	kg	LBS.	kg	LBS.	kg	LBS.	kg
CARRIER LESS OUTRIGGERS	54,541	24 739	26,019	11 802	80,560	36 541	54,541	24 739	26,019	11 802
BEARING TURNTABLE W/ BOLTS	3,238	1,469	4,392	1 992	7,630	3 461	3,238	1 469	4,392	1 992
	57,779	26 208	30,411	13 794	88,190	40 002	57,779	26 208	30,411	13 794
UPPERWORKS FRONT MODULE	5,859	2 658	10,076	4 570	15,935	7 228	7,665	3 477	8,270	3 751
	63,638	28 866	40,487	18 365	104,125	47 230	65,445	29 685	38,680	17 545
12' (3.7m) BOOM BUTT W/ CYL	249	113	5,526	2 507	5,775	2 619	4,652	2 110	1,123	509
	63,887	28 979	46,013	20 871	109,900	49 850	70,097	31 795	39,803	18 054
UPPERWORKS REAR MODULE	33,561	15 223	17,434	7 908	50,995	23 131	9,720	4 409	41,275	18 722
	97,448	44 202	63,447	28 779	160,895	72 981	79,817	36 204	81,078	36 776
ROTATING BED PRE-ALIGNMENT	960	435	290	132	1,250	567	101	46	1,149	521
	98,407	44 637	63,737	28 911	162,145	73 548	79,918	36 250	82,227	37 298
BOOM HINGE PIN PULLER	96	44	334	151	430	195	268	122	162	73
	98,504	44 681	64,071	29 062	162,575	73 743	80,186	36 372	82,389	37 371
BUTT CYLINDER SUPPORT	49	22	176	80	225	102	142	64	83	38
	98,553	44 703	64,247	29 142	162,800	73 845	80,328	36 436	82,472	37 409
LUFFING JIB DRUM	532	241	2,533	1 149	3,065	1 390	2,069	938	996	452
	99,085	44 944	66,779	30 290	165,865	75 235	82,397	37 375	83,468	37 860
UPPERWORKS JACKING - FRONT	2,041	926	1,559	707	3,600	1 633	1,014	460	2,586	1 173
	101,126	45 870	68,339	30 998	169,465	76 868	83,411	37 835	86,053	39 033
UPPERWORKS JACKING - REAR	2,769	1 256	706	320	3,475	1 576	180	82	3,295	1 495
	103,895	47 126	69,044	31 318	172,940	78 444	83,591	37 916	89,348	40 528
28' (8 534 mm) GANTRY UP	12,015	5 450	2,455	1 114	14,470	6 563	265	120	14,205	6 443
	115,911	52 576	71,499	32 431	187,410	85 008	83,857	38 037	103,553	46 971
975' (297m) BOOM HOIST	1,553	704	252	114	1,805	819	-21	-10	1,826	828
	117,464	53 281	71,751	32 546	189,215	85 826	83,836	38 027	105,379	47 799
2,050' (625m) HOIST LINE	2,852	1 294	1,943	881	4,795	2 175	1,217	552	3,578	1 623
	120,316	54 574	73,693	33 427	194,010	88 001	85,053	38 579	108,956	49 422
1,325' (404m) WHIP LINE	1,844	836	1,256	570	3,100	1 406	787	357	2,313	1 049
	122,160	55 411	74,949	33 996	197,110	89 408	85,840	38 936	111,270	50 471
OUTRIGGERS	20,199	9 162	27,401	12 429	47,600	21 591	20,199	9 162	27,401	12 429
	142,360	64 573	102,350	46 425	244,710	110 999	106,039	48 098	138,670	62 900
COUNTERWEIGHT	124,833	56 623	-1,678	-761	123,155	55 862				
	267,193	121 197	100,672	45 664	367,865	166 861				
190' (57.9m) BOOM AT 24°	-92,944	-42 159	133,914	60 742	40,970	18 584				
	174,248	79 038	234,586	106 406	408,835	185 444				

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