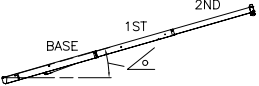


LOAD RATINGS IN LBS WITH OUTRIGGERS AND STABILIZERS EXTENDED

LMI CODE #1

OPERATING RADIUS - FT	LOADED BOOM ANGLE		BOOM LENGTH AND MARKER							
	°		°		A	B	C	D		
	°	30.5 FT	°	40 FT	°	52 FT	°	64 FT	°	76.83 FT
5.5	80	60000								
8	75	46360	79	43960						
10	71	39810	76	37550	80	35150				
12	67	34930	73	32800	78	30650	80	28910		
15	61	29690	69	27740	74	25940	78	24250	80	22440
20	48	23400	60	22080	68	20500	73	19250	77	18080
25	32	17930	51	18170	62	17040	68	15890	73	14900
30			40	14500	55	14500	63	13510	69	12640
35			26	11020	48	11170	58	11260	65	10950
40					39	8680	52	8760	60	8820
45					28	6920	46	7000	56	7040
50							39	5680	51	5720
55							30	4660	45	4700
60							17	3850	39	3890
65									32	3220
70									23	2670

WARNING

1. THE OPERATOR MUST READ AND UNDERSTAND THE OWNER'S MANUAL BEFORE OPERATING THIS CRANE.
2. POSITIONING OR OPERATION OF CRANE BEYOND AREAS SHOWN ON THIS CHART IS NOT INTENDED OR APPROVED EXCEPT WHERE SPECIFIED IN OWNER'S MANUAL.
3. LOADED BOOM ANGLES AT SPECIFIED BOOM LENGTHS GIVE ONLY AN APPROXIMATION OF THE OPERATING RADIUS. THE BOOM ANGLE BEFORE LOADING SHOULD BE GREATER TO ACCOUNT FOR DEFLECTIONS. DO NOT EXCEED THE OPERATING RADIUS FOR RATED LOADS.
4. FOR BOOM LENGTHS NOT SHOWN, USE THE RATING OF NEXT SHORTER OR LONGER BOOM LENGTH, WHICHEVER IS LESS. FOR RADII NOT SHOWN, USE RATING OF NEXT LONGER RADIUS.
5. CRANE LOAD RATINGS ON OUTRIGGERS ARE BASED ON FREELY SUSPENDED LOADS WITH THE MACHINE LEVELED AND STANDING ON A FIRM UNIFORM SUPPORTING SURFACE. NO ATTEMPT SHALL BE MADE TO MOVE A LOAD HORIZONTALLY ON THE GROUND IN ANY DIRECTION.
6. PRACTICAL WORKING LOADS DEPEND ON SUPPORTING SURFACE, WIND, AND OTHER FACTORS AFFECTING STABILITY SUCH AS HAZARDOUS SURROUNDINGS, EXPERIENCE OF PERSONNEL, AND PROPER HANDLING, ALL OF WHICH MUST BE TAKEN INTO ACCOUNT BY THE OPERATOR.
7. THE MAXIMUM LOAD WHICH MAY BE TELESKOPED IS LIMITED BY HYDRAULIC PRESSURE, BOOM ANGLE, AND BOOM LUBRICATION. IT IS SAFE TO ATTEMPT TO TELESCOPE ANY LOAD WITHIN THE LIMITS OF THE LOAD RATING CHART.

INFORMATION

1. DEDUCTIONS MUST BE MADE FROM RATED LOADS FOR OPTIONAL ATTACHMENTS, HOOKS, AND LOAD BLOCKS (SEE DEDUCTION CHART). WEIGHTS OF SLINGS AND ALL OTHER LOAD HANDLING DEVICES SHALL BE CONSIDERED A PART OF THE LOAD.
2. CRANE LOAD RATINGS ARE BASED ON OUTRIGGERS AND STABILIZERS EXTENDED AND SET WITH MACHINE LEVELED.
3. LOAD RATINGS ABOVE THE HEAVY LINE ARE STRUCTURALLY LIMITED CAPACITIES. LOAD RATINGS BELOW THE HEAVY LINE ARE STABILITY LIMITED CAPACITIES AND DO NOT EXCEED 85% OF TIPPING.

DEFINITIONS

1. OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF THE VERTICAL HOIST LINE OR TACKLE WITH LOAD APPLIED.
2. LOADED BOOM ANGLE AS SHOWN IN THE COLUMN HEADED BY \angle , IS THE INCLUDED ANGLE BETWEEN THE HORIZONTAL AND LONGITUDINAL AXES OF THE BOOM BASE AFTER LIFTING RATED LOAD AT RATED RADIUS.

DS-50 LMI OPERATING CODES

SETTING CRANE CONFIGURATION
#1--- MAIN BOOM


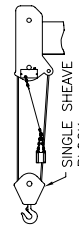

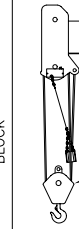
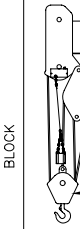

SETTING CRANE WITH PERSONNEL LIFTING PLATFORM
#5--- PERSONNEL LIFTING PLATFORM ON MAIN BOOM

NOTE: CODES DO NOT APPLY FOR DS-150 LMI SYSTEMS, SEE OPERATOR CONSOLE FOR PROPER CONFIGURATION SETTINGS.

DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MANITOWOC BOOM TRUCKS, INC.

AUXILIARY BLOCK ----- 50 LBS
OVERHAUL BALL ----- SEE OVERHAUL BALL MFR. NAMEPLATE
LOAD BLOCK ----- SEE BLOCK MFR. NAMEPLATE
HOSE REEL ----- 260 LBS

ALLOWABLE LINE PULL

1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	5 PART LINE	6 PART LINE
					
9080 LBS	18160 LBS	27240 LBS	36320 LBS	45400 LBS	54480 LBS
10000 LBS	20000 LBS	30000 LBS	40000 LBS	50000 LBS	60000 LBS

WARNING

ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO OWNER'S MANUAL.

KEEP AT LEAST 3 WRAPS OF LOAD LINE ON DRUM AT ALL TIMES.

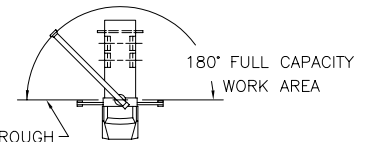
5/8" ROT RESISTANT (5.0:1 S.F.)
45400 LBS. MIN BREAKING STRENGTH

5/8" - 6 X 25 IWRC (3.5:1 S.F.)
35000 LBS. MIN BREAKING STRENGTH



**Boom Trucks
MODELS
3077C & 3077T**

CRANE MEETS ANSI B30.5 REQUIREMENTS
7300055-007 NR



LINE THROUGH CENTERLINE OF ROTATION

AREA OF OPERATION