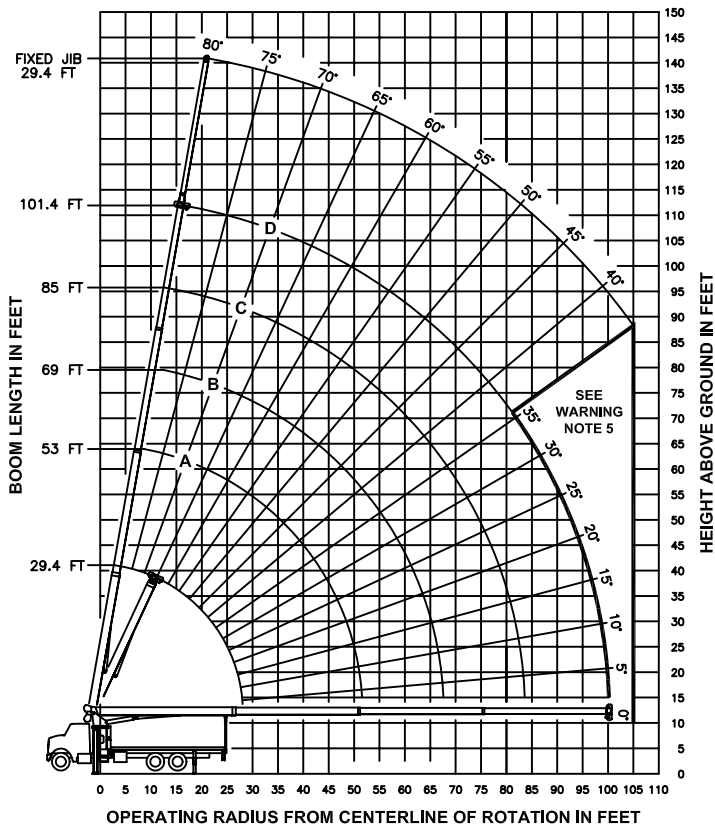


RANGE DIAGRAM



LOAD RATINGS IN LBS WITH OUTRIGGERS AND STABILIZERS EXTENDED

JIB LOAD RATINGS WITH OUTRIGGERS AND STABILIZERS EXTENDED

LMI CODE #1								LMI CODE #2		
BOOM LENGTH IN FEET	BOOM ANGLE	BOOM LENGTH AND MARKER						OPERATING RADIUS	BOOM ANGLE	29 FT JIB FOR ALL BOOM LENGTHS SEE WARNING NOTE 4 RATED LOAD IN POUNDS
		A	B	C	D	1ST	2ND			
5	80	29.44 FT	53 FT	69 FT	85 FT	101.44 FT				
8	74	37390						8		
10	70	31750						10		
12	66	27740	78 14000					12		
14	61	24720	76 14000	80 14000				14		
17	54	21200	72 14000	78 12880				17		
20	46	18030	69 13700	75 11430	79 8920			20		
25	29	14120	63 11070	71 9460	75 8000	79 6000	25			
30			56 9170	66 8210	72 7070	76 5500	30	80	3000	
35			49 7850	61 6970	68 6130	73 4980	35	78	2840	
40			41 6120	56 5980	65 5320	70 4490	40	76	2620	
45			31 4890	51 5020	61 4640	67 4000	45	73	2420	
50			17 3950	45 4090	57 4070	64 3580	50	71	2230	
55				38 3370	52 3440	61 3200	55	69	2020	
60				30 2790	47 2860	57 2850	60	67	1840	
65				19 2310	42 2390	54 2430	65	64	1670	
70					36 1990	50 2040	70	62	1520	
75					29 1650	45 1700	75	59	1380	
80					20 1360	41 1420	80	56	1230	
85						36 1160	85	53	1080	
90						30 950	90	50	950	
95						22 750	95	47	830	
100						3 570	100	44	690	
105							105	40	530	
		340 LBS.	190 LBS.	150 LBS.	120 LBS.	100 LBS.	DEDUCTIONS FOR STOWED JIB			

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. THE OPERATING RADIUS SHOWN IN THE JIB RATING CHART IS FOR FULLY EXTENDED BOOM ONLY. WHEN BOOM IS NOT FULLY EXTENDED, USE ONLY LOADED BOOM ANGLE TO DETERMINE LOAD RATING OF JIB.
5. BOOM MUST BE FULLY RETRACTED WHEN JIB IS ERECTED, BEFORE LOWERING BOOM THRU THIS AREA.
6. FOR BOOM ANGLES NOT SHOWN ON JIB LOAD RATING CHART, USE RATING OF NEXT LOWER BOOM ANGLE.
7. FOR BOOM LENGTHS NOT SHOWN, USE RATING OF NEXT LONGER BOOM LENGTH. FOR RADII NOT SHOWN, USE RATING OF NEXT LONGER RADIUS.
8. CRANE LOAD RATINGS ON OUTRIGGERS ARE BASED ON FREELY SUSPENDED LOADS WITH THE MACHINE LEVELLED AND STANDING ON A FIRM UNIFORM SUPPORTING SURFACE. NO ATTEMPT SHALL BE MADE TO MOVE A LOAD HORIZONTALLY ON THE GROUND IN ANY DIRECTION.
9. 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.
10. THE MAXIMUM LOAD WHICH MAY BE TELESCOPED 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. BOOM MUST BE FULLY RETRACTED AGAINST BOOM STOPS AT ALL TIMES WHEN LIFTING MINIMUM BOOM LENGTH CAPACITY LOADS.

INFORMATION

1. DEDUCTIONS MUST BE MADE FROM RATED LOADS FOR STOWED JIB, OPTIONAL ATTACHMENTS, HOOKS, AND LOADBLOCKS (SEE DEDUCTION CHART). WEIGHTS OF SLINGS AND ALL OTHER LOAD HANDLING DEVICES SHALL BE CONSIDERED A PART OF THE LOAD.
2. CRANE LOAD RATINGS WITH OUTRIGGERS ARE BASED ON OUTRIGGERS AND STABILIZERS EXTENDED AND SET WITH MACHINE LEVELLED.
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 α IS THE INCLUDED ANGLE BETWEEN THE HORIZONTAL AND LONGITUDINAL AXES OF THE BOOM BASE AFTER LIFTING RATED LOAD AT RATED RADIUS.

LMI OPERATING CODES

- SETTING CRANE CONFIGURATION SETTING CRANE WITH PERSONNEL LIFTING PLATFORM
- #1 --- MAIN BOOM
 - #2 --- FIXED JIB
 - #5 --- PERSONNEL LIFTING PLATFORM ON MAIN BOOM
 - #6 --- PERSONNEL LIFTING PLATFORM ON FIXED JIB

ALLOWABLE LINE PULL

1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	5 PART LINE	6 PART LINE	7 PART LINE
8500 LBS	17000 LBS	25500 LBS	34000 LBS	42500 LBS	51000 LBS	52000 LBS
7400 LBS	14800 LBS	22200 LBS	29600 LBS	37000 LBS	44400 LBS	51800 LBS

WARNING

ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE.

REFER TO THE OWNER'S MANUAL.

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

9/16" 6X25 IHRC (3.5:1 SF) - 29750 LBS MIN BREAKING STRENGTH

9/16" ROT RESISTANT (5.0:1 SF) - 37000 LBS MIN BREAKING STRENGTH

DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MANITEX.

- AUXILIARY BLOCK ----- 50 LBS
- AUXILIARY SHEAVE ----- 50 LBS
- OVERHAUL BALL ----- SEE OVERHAUL BALL MFRGR. NAMEPLATE
- LOAD BLOCK ----- SEE BLOCK MFRGR. NAMEPLATE
- HOSE REEL ----- 140 LBS
- SWING AROUND JIB ----- SEE LOAD CHART

WARNING

LIFTING OFF THE MAIN BOOM POINT WHILE THE JIB IS ERECTED IS NOT INTENDED OR APPROVED.

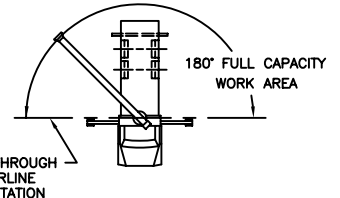
Manitex

MODELS

26101C & 26101T

CRANE MEETS ANSI B30.5 REQUIREMENTS

7300088-001 NR



AREA OF OPERATION