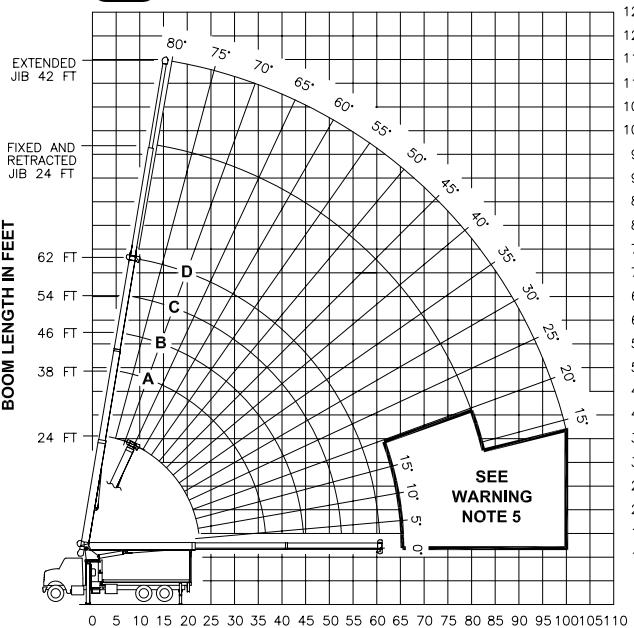




RANGE DIAGRAM



OPERATING RADIUS FROM CENTERLINE OF ROTATION IN FEET

HEIGHT ABOVE GROUND IN FEET

125
120
115
110
105
100
95
90
85
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0

OPERATING RADIUS FT	LOAD RATINGS IN LBS WITH OUTRIGGERS AND STABILIZERS EXTENDED				JIB LOAD RATINGS WITH OUTRIGGERS AND STABILIZERS EXTENDED	
	24 FT JIB BOOM LENGTHS	24 FT JIB BOOM LENGTHS SEE WARNING NOTE 4	42 FT JIB BOOM LENGTHS	42 FT JIB BOOM LENGTHS SEE WARNING NOTE 4	OPERATING RADIUS FT	BOOM ANGLE
	A	B	C	D		
6	24 FT	38 FT	46 FT	54 FT	62 FT	
5	77 44000					
8	70 31020					
10	64 26230	75 22930	78 20050			10
12	59 22780	72 20820	75 17220	78 16760		12
14	53 20120	68 18370	73 15120	76 14670	78 14290	14
17	43 16950	63 15640	69 12800	73 12370	75 12020	17
20	30 14090	58 13630	65 11100	69 10710	73 10370	20
25		48 11140	57 9070	63 8730	68 8450	25
30		37 9180	49 7610	57 7350	62 7100	30
35		19 7000	40 6410	50 6290	57 6090	35
40			28 5260	43 5410	51 5290	40
45				33 4600	44 4610	45
50				20 3640	37 4000	50
55					27 3360	55
60					14 2500	52
65						60
70						47
75						2320
80						57
85						2080
90						65
95						43
100						2060
						54
						1920
						70
						37
						1840
						50
						1760
						75
						31
						1590
						46
						1610
						80
						22
						1230
						42
						1480
						85
						37
						1340
						90
						32
						1210
						95
						26
						1070
						100
						17
						740
						580 LBS.
						370 LBS.
						310 LBS.
						260 LBS.
						230 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. DO NOT RELY ON CAPACITY ALERT SYSTEM WHEN LIFTING FROM 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 RADIUS. 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 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.
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.

INFORMATION

1. DEDUCTIONS MUST BE MADE FROM RATED LOADS FOR STOWED JIB, 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 WITH OUTRIGGERS 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.

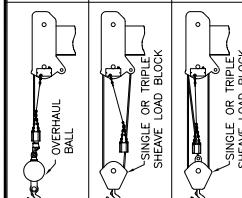
ALLOWABLE LINE PULL

1 PART LINE 2 PART LINE 3 PART LINE 4 PART LINE 5 PART LINE 6 PART LINE

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.



8500 LBS	17000 LBS	25500 LBS	34000 LBS	42500 LBS	44000 LBS	9 16" - 6X25 IWRC (3.5:1 S.F.) 29750 LBS. BREAKING STRENGTH
7400 LBS	14800 LBS	22200 LBS	29600 LBS	37000 LBS	44000 LBS	9 16" ROT RESISTANT (5:0:1 S.F.) 37000 LBS. BREAKING STRENGTH

DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MANITEX

AUXILIARY BLOCK ----- 50 LBS
OVERHAUL BALL ----- SEE OVERHAUL BALL MFGR NAMEPLATE
LOAD BLOCK ----- SEE BLOCK MFGR NAMEPLATE
HOSE REEL ----- 160 LBS
SWING AROUND JIB ----- SEE LOAD CHART

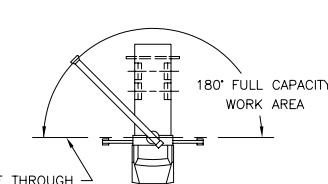
WARNING

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

Manitex
MODELS
2262C & 2262T

CRANE MEETS ANSI B30.5 REQUIREMENTS

7300087-002 NR



AREA OF OPERATION