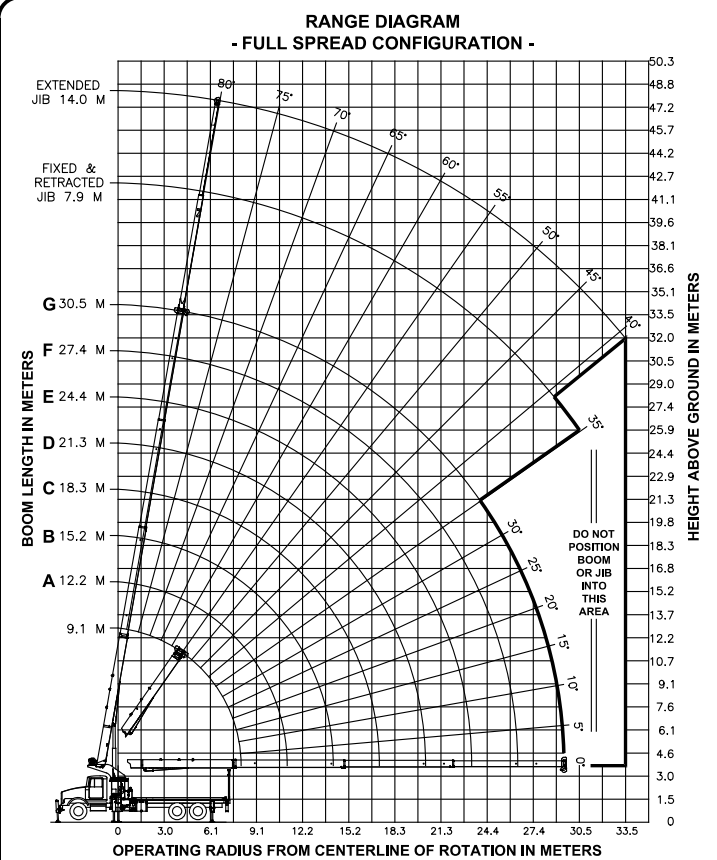




SETTING		CRANE CONFIGURATION	SETTING		CRANE WITH PERSONNEL LIFTING PLATFORM
#1---	MAIN BOOM		#5---	PERSONNEL LIFTING PLATFORM ON MAIN BOOM	
#2---	FIXED JIB		#6---	PERSONNEL LIFTING PLATFORM ON FIXED JIB	
#3---	TELESCOPIC JIB-RETRACTED		#7---	PERSONNEL LIFTING PLATFORM ON TELESCOPIC JIB-RETRACTED	
#4---	TELESCOPIC JIB-EXTENDED		#8---	PERSONNEL LIFTING PLATFORM ON TELESCOPIC JIB-EXTENDED	

ALLOWABLE LINE PULL							WARNING
1 PART	2 PART	3 PART	4 PART	5 PART	6 PART	7 PART	
3855 KG	7710 KG	11565 KG	15420 KG	19275 KG	23130 KG	27210 KG	
3490 KG	6980 KG	10470 KG	13960 KG	17450 KG	20940 KG	24430 KG	
							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 IWRC (3.5:1 SF) = 13493 KG MIN. BREAKING STRENGTH 9/16" ROT RESISTANT (5.0:1 SF) = 17450 KG MIN. BREAKING STRENGTH

DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MANITEX			
AUXILIARY BLOCK			23 KG
AUXILIARY SHEAVE			23 KG
OVERHAUL BALL	SEE OVERHAUL BALL	MFGR. NAMEPLATE	
LOAD BLOCK	SEE BLOCK	MFGR. NAMEPLATE	
HOSE REEL			64 KG
SWING AROUND JIB		SEE LOAD CHART	

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

[illegible]

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 LENGTH 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 SHORTER OR LONGER BOOM LENGTH, WHICHEVER IS LESS. FOR BOOM LENGTHS SHOWN, USE RATING OF LONGER BOOM LENGTH.
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 LENGTH. WHEN IT IS SAID 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 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

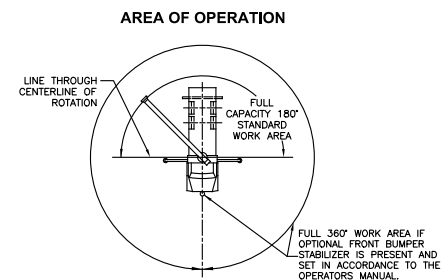
1. OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF THE VERTICAL HOIST LINE OR TACKLE WITH LOAD APPLIED.
2. LOADED BOOM ANGLE AS SHOWN IN THE COLUMN HEADED BY $\angle$, IS THE INCLUDED ANGLE BETWEEN THE HORIZONTAL AND LONGITUDINAL AXES OF THE BOOM BASE AFTER LIFTING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



**MODEL
30100C**

CRANE MEETS ANSI B30.5 REQUIREMENTS

7300096-025-MET B



REVISIONS

EN 17-0014-02
AB 04/17
NEW RELEASE
EN 24-0003-05
IC 03/24
☒ FIX LBS
LEFTOVERS
EN 24-0011-01
ZD 11/24
☒ UPDATE
LAMINATE DETAIL
UPDATE LOGO

NOTE: IF THIS DRAWING REQUIRES
REVISION, ALSO UPDATE THE
REVISION LETTER AT THE BOTTOM
OF THE RANGE DIAGRAM.

USE EPROM DATA SOFTWARE
PART NUMBER 4800726-556
FOR LMI CALIBRATION.

REFERENCE DRAWING 8200001-002 FOR
LAMINATE & MATERIAL DETAILS.

DOCUMENT CONTROL STATUS:
ELECTRONIC FILE = CONTROLLED
HARDCOPY = UNCONTROLLED

			
SCALE FULL	DRAWN AB	CHECKED TR	APPVD./DATE EVA 04/17
LOAD CHART 30100C AF (3003) METRIC			
TOLERANCES (UNLESS SPECIFIED) $\pm 1/16"$		7300096-025-MET	
SHEET		1	OF 1