

LOAD RATINGS IN KG WITH OUTRIGGERS AND STABILIZERS EXTENDED		JIB LOAD RATINGS WITH OUTRIGGERS AND STABILIZERS EXTENDED			
LMI OR PCS CODE #1		FIXED JIB		TELESCOPIC JIB	
BOOM LENGTH (M)	LOADING CAPACITY (KG)	W/PCS CODE #2	JIB LENGTH (M)	W/PCS CODE #3	JIB LENGTH (M)
14.0	45.7	3.0	7.9	3.0	14.0
14.2	44.2	3.7	7.9	3.7	14.0
14.4	42.7	4.6	7.9	4.6	14.0
14.6	41.1	5.1	7.9	5.1	14.0
14.8	39.6	6.1	7.9	6.1	14.0
15.0	38.1	6.1	7.9	6.1	14.0
15.2	36.6	6.1	7.9	6.1	14.0
15.4	35.1	6.1	7.9	6.1	14.0
15.6	33.5	6.1	7.9	6.1	14.0
15.8	32.0	6.1	7.9	6.1	14.0
16.0	30.5	6.1	7.9	6.1	14.0
16.2	29.0	6.1	7.9	6.1	14.0
16.4	27.4	6.1	7.9	6.1	14.0
16.6	25.9	6.1	7.9	6.1	14.0
16.8	24.4	6.1	7.9	6.1	14.0
17.0	22.9	6.1	7.9	6.1	14.0
17.2	21.3	6.1	7.9	6.1	14.0
17.4	20.0	6.1	7.9	6.1	14.0
17.6	18.3	6.1	7.9	6.1	14.0
17.8	16.8	6.1	7.9	6.1	14.0
18.0	15.2	6.1	7.9	6.1	14.0
18.2	13.7	6.1	7.9	6.1	14.0
18.4	12.2	6.1	7.9	6.1	14.0
18.6	10.7	6.1	7.9	6.1	14.0
18.8	9.1	6.1	7.9	6.1	14.0
19.0	7.6	6.1	7.9	6.1	14.0
19.2	6.1	6.1	7.9	6.1	14.0
19.4	4.6	6.1	7.9	6.1	14.0
19.6	3.0	6.1	7.9	6.1	14.0
19.8	1.5	6.1	7.9	6.1	14.0
20.0	0	6.1	7.9	6.1	14.0

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 SHOWN IN THE JIB RATING CHART IS FOR FULLY EXTENDED BOOM ONLY.
4. 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 ON JIB LOAD RATING CHART, USE RATING OF NEXT LOWER BOOM ANGLE.
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 EXCEED THESE RATINGS UNDER ANY OTHER CIRCUMSTANCES.
9. PRACTICAL WORKING LOADS DEPEND ON SUPPORTING SURFACE, WIND, AND OTHER FACTORS AFFECTING STABILITY SUCH AS HAZARDOUS SITUATIONS, EXPERIENCE OF PERSONNEL, AND PROPER HANDLING.
10. ALL OF WHICH MUST BE TAKEN INTO ACCOUNT BY THE OPERATOR.

THE MAXIMUM LOAD WHICH MAY BE TELESCOPED IS LIMITED BY HYDRAULIC PRESSURE, BOOM ANGLE, AND BOOM WEIGHT. THIS IS SPECIFIED ON THE TELESCOPIC LOAD CHART WITHIN THE LIMITS OF THE LOAD RATING CHART. OPERATOR MUST BE FULLY ALERT FOR ALL TIMES WHEN LIFTING MANUAL BOOM LENGTH CAPACITY LOADS.

INFORMATION

1. DEDUCTIONS MUST BE MADE FROM RATED LOADS FOR STORED JIB, OPTIONAL ATTACHMENTS, HOOKS, AND LOAD-BLOCKS (SEE DEDUCTION CHART). WEIGHTS OF SLINGS AND ALL OTHER HANDLING DEVICES SHALL BE CONSIDERED A PART OF THE LOAD.
2. WIND, LOAD RATINGS WITH OUTRIGGERS ARE BASED ON OUTRIGGERS AND STABILIZERS EXTENDED AND SET WITH WIND AT 90 DEGREES TO THE CRANE.
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 RISK 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 Δ , IS THE INCLUDED ANGLE BETWEEN THE HORIZONTAL AND LONGITUDINAL AXES OF THE BOOM BEFORE LIFTING RATED LOAD AT RATED RADII.

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

LMI OR PCS OPERATING CODES

ALLOWABLE LINE PULL

1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	5 PART LINE	6 PART LINE	7 PART LINE
3850 KG	7700 KG	11550 KG	15400 KG	19250 KG	23100 KG	25400 KG
3350 KG	6700 KG	10050 KG	13400 KG	16750 KG	20100 KG	23450 KG

REDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MAINTEX

AUXILIARY SHEAVE ----- 22.7 KG
 OVERHAUL BALL ----- 22.7 KG
 LOAD BLOCK ----- SEE OVERHAUL BALL MFR. NAMEPLATE
 HOSE REEL ----- SEE BLOCK MFR. NAMEPLATE
 SLING AROUND JIB ----- SEE LOAD CHART
WARNING
 LIFTING OFF THE MAIN BOOM POINT WHILE THE SWING AROUND JIB IS ERECTED IS NOT INTENDED OR APPROVED.

WARNING

ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION AT ALL TIMES. REFER TO THE OWNER'S MANUAL.

KEEP AT LEAST 3 METERS OF CLEARANCE FROM ALL PARTS OF THE CRANE AT ALL TIMES.

AREA OF OPERATION

180° FULL CAPACITY WORK AREA

MANITEX MODEL 2892C

CRANE MEETS ANSI B30.5 REQUIREMENTS

7300097-001-MET NR

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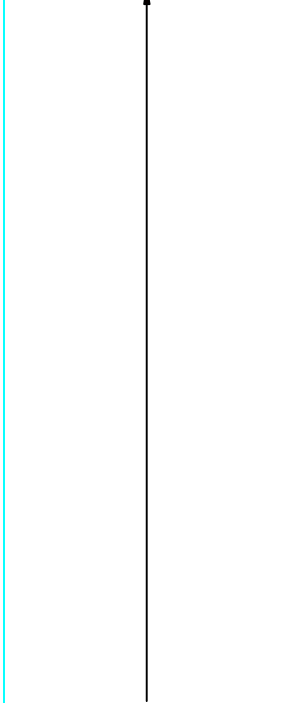
NOTE:

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

USE THE FOLLOWING EPROM DATA SOFTWARE:
 FOR LMI - 4800726-560
 FOR PCS - 4800775-001

MATERIAL: ALUMINUM 0.062 THICK
ADHESIVE: 3M #9505
BACKING: BACKGROUND - ALUMINUM
COLORS: PRINTING - BLUE PANTONE 293
 ACTUAL AS SHOWN

SIZE:



16.00

16.00

R0.37

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TOLERANCE UNLESS OTHERWISE SPECIFIED

DECIMAL PLACES	FABRICATION	MACHINING
(1) PLACE 0.0	± 0.130	± 0.030
(2) PLACE 0.00	± 0.060	± 0.016
(3) PLACE 0.000	± 0.030	± 0.005

1) V MACHINING TOLERANCE APPLIES TO THIS DIMENSION AND/OR SURFACE UNLESS OTHERWISE INDICATED BY ORIGINAL DECIMAL DIMENSION EXAMPLE: .315 ± USE ONE DECIMAL PLACE TOLERANCE

DOCUMENT CONTROL STATUS: DRAWING: 7300097-001-MET HATCHOPI - UNCONTROLLED

Manitex

SCALE: NONE

DRAWN: AB

CHECKED: DM

APPROV./DATE: DMORAY/C 10/14

LOAD CHART MODEL 2892C A-FRAME METRIC

TOLERANCES (UNLESS SPECIFIED) ± 1/16"

SHEET 1 OF 1