

LOAD RATINGS IN LBS WITH OUTRIGGERS AND STABILIZERS EXTENDED

BOOM LENGTH (FT)	LOADING BOOM ANGLE			
	A	B	C	D
28	79	47	62	77
47	73	40	67	92
62	69	34	78	22500
77	64	30	76	21510
92	57	25	72	17730
107	43	20	65	13720
122	22	15	58	11160
137			50	9330
152			41	7900
167			30	6580
182			11	4740
197				
212				
227				
242				
257				
272				
287				
302				
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332				
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707				
722				
737				
752				
767				
782				
797				
812				
827				
842				
857				
872				
887				
902				
917				
932				
947				
962				
977				
992				
1007				
1022				
1037				
1052				

JIB LOAD RATINGS WITH OUTRIGGERS AND STABILIZERS EXTENDED

JIB LENGTH (FT)	JIB LOAD RATING (LBS)	
	FIXED JIB	TELESCOPIC JIB
26	5400	5100
46	4700	4300
66	4200	3600
86	3060	2800
106	2580	2630
126	2180	2420
146	1830	2080
166	1530	1800
186	1260	1540
206	1020	1320
226	800	1110
246	580	930
266	380	750
286	46	600
306	43	440

460 LBS 270 LBS 210 LBS 170 LBS 140 LBS DEDUCTIONS FOR STOWED FIXED JIB
690 LBS 410 LBS 310 LBS 250 LBS 210 LBS DEDUCTIONS FOR STOWED TELESCOPIC JIB

- WARNING**
- THE OPERATOR MUST READ AND UNDERSTAND THE OWNER'S MANUAL BEFORE OPERATING THIS CRANE.
 - POSITIONING OR OPERATION OF CRANE BEYOND AREAS SHOWN ON THIS CHART IS NOT INTENDED OR APPROVED EXCEPT WHERE SPECIFIED IN OWNER'S MANUAL.
 - 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.
 - 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.
 - BOOM MUST BE FULLY RETRACTED WHEN JIB IS ERRECTED, BEFORE LOWERING BOOM THRU THIS AREA.
 - FOR BOOM ANGLES NOT SHOWN ON JIB LOAD RATING CHART, USE RATING OF NEXT LOWER BOOM ANGLE.
 - FOR BOOM LENGTHS NOT SHOWN, USE RATING OF NEXT SHORTER OR LONGER BOOM LENGTH, WHICHEVER IS LESS. FOR RADII NOT SHOWN, USE RATING OF NEXT LONGER RADIUS.
 - 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.
 - 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.
 - 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**
- 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.
 - CRANE LOAD RATINGS WITH OUTRIGGERS ARE BASED ON OUTRIGGERS AND STABILIZERS EXTENDED AND SET WITH MACHINE LEVELED.
 - 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**
- OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF THE VERTICAL HOIST LINE OR TACKLE WITH LOAD APPLIED.
 - 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.

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	56000 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 IWRC (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 MFR. NAMEPLATE
LOAD BLOCK	SEE BLOCK MFR. NAMEPLATE
HOSE REEL	140 LBS
SWING AROUND JIB	SEE LOAD CHART

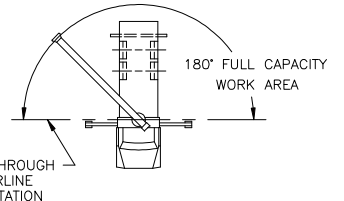
WARNING
LIFTING OFF THE MAIN BOOM POINT WHILE THE SWING AROUND JIB IS ERRECTED IS NOT INTENDED OR APPROVED.



MODELS
2892C & 2892T

CRANE MEETS ANSI B30.5 REQUIREMENTS

7300089-003 NR



AREA OF OPERATION