

HYDRAULIC CRANE LOAD RATINGS ON OUTRIGGERS FOR MACHINES EQUIPPED WITH:

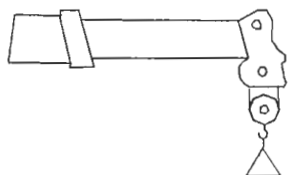
132 FT BOOM WITHOUT FRONT BUMPER COUNTERWEIGHT

CAUTION: DO NOT LIFT LOADS WITH THIS CRANE UNLESS YOU HAVE READ AND UNDERSTAND SECTION TITLED "LIFTING OPERATIONS ON OUTRIGGERS".

WARNING:

WHEN OPERATING UNDER THE CONDITIONS BELOW, THE RATED LOAD IS DETERMINED BY LOADED BOOM ANGLE ONLY. LOAD RADIUS IS GIVEN FOR THE MAXIMUM BOOM LENGTH ONLY.

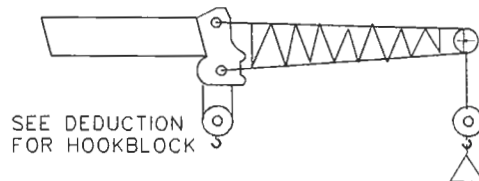
RATING CHART FOR — **MANUAL EXTENDED**



FOR ALL BOOM LENGTHS FROM 72 FT. TO 132 FT.

LOAD RADIUS FOR 132 FT. BOOM ONLY.	LOADED BOOM ANGLE △°	RATED LOAD POUNDS		
		360°	SIDE	REAR
25 FT.	79°	46000	46000	46000
30	77°	42500	42500	42500
35	74°	34500	34500	36900
40	72°	26900	26900	29100
45	70°	21500	21500	23600
50	67°	17500	17500	19400
60	62°	11900	11900	13500
70	57°	8200	8200	9600
80	52°	5600	5600	6800
90	46°	3700	3700	4700
100	39°	2100	2100	3100
110	30°	—	—	1800
120	19°	—	—	—
—	—	—	—	—
—	—	—	—	—

RATING CHART FOR — **BOOM EXTENSION**
(MANUAL MUST BE EXTENDED)





SEE DEDUCTION FOR HOOKBLOCK

FOR ALL BOOM LENGTHS FROM 114 FT. TO 174 FT.

LOAD RADIUS FOR 174 FT. BOOM ONLY.	LOADED BOOM ANGLE △°	RATED LOAD POUNDS		
		360°	SIDE	REAR
35 FT.	79°	23000	23000	23000
40	78°	20000	20000	20000
45	76°	19000	19000	19000
50	74°	18100	18100	18100
60	71°	14000	14000	15500
70	67°	10200	10200	11500
80	64°	7500	7500	8600
90	60°	5400	5400	6500
100	55°	3900	3900	4800
110	51°	2600	2600	3500
120	46°	1600	1600	2400
130	41°	—	—	1500
140	35°	—	—	—
150	29°	—	—	—
160	20°	—	—	—

NOTE: OPERATION OF THIS EQUIPMENT IN EXCESS OF RATED LOADS AND DISREGARD OF INSTRUCTIONS IS AN UNSAFE PRACTICE AND WILL RESULT IN DENIAL OF WARRANTY CLAIMS.

LOAD RADIUS IN FEET	LOADED BOOM ANGLE 	RATED LOAD POUNDS		
		360°	SIDE	REAR

LOAD RADIUS IN FEET	LOADED BOOM ANGLE 	RATED LOAD POUNDS		
		360°	SIDE	REAR

42 FT. BOOM LENGTH MANUAL RETRACTED				
12FT.	68°	165000	200000	200000
15	63°	138000	155000	155000
20	55°	105400	105400	110000
25	45°	64100	64100	69600
30	34°	44400	44400	49400
35	16°	32700	32700	37200

CAUTION:
BOOM MUST BE FULLY RETRACTED
AGAINST STOPS.

82 FT. BOOM LENGTH MANUAL RETRACTED				
15FT.	77°	100000	100000	100000
20	74°	87000	87000	87000
25	70°	64100	64100	69600
30	66°	44400	44400	49400
35	62°	32700	32700	37200
40	58°	25100	25100	29000
45	54°	19600	19600	23100
50	49°	15800	15800	18900
60	38°	10200	10200	12800
70	24°	6500	6500	8700

52 FT. BOOM LENGTH MANUAL RETRACTED				
12FT.	72°	160000	160000	160000
15	69°	138000	155000	155000
20	63°	105400	105400	110000
25	56°	64100	64100	69600
30	49°	44400	44400	49400
35	41°	32700	32700	37200
40	30°	25100	25100	29000
45	14°	19600	19600	23100

92 FT. BOOM LENGTH MANUAL RETRACTED				
20FT.	76°	74000	74000	74000
25	73°	63000	63000	63000
30	69°	44400	44400	49400
35	66°	32700	32700	37200
40	62°	25100	25100	29000
45	59°	19600	19600	23100
50	55°	15800	15800	18900
60	46°	10200	10200	12800
70	36°	6500	6500	8700
80	23°	3900	3900	5800

62 FT. BOOM LENGTH MANUAL RETRACTED				
12FT.	76°	153000	153000	153000
15	73°	141000	141000	141000
20	68°	105400	105400	110000
25	62°	64100	64100	69600
30	57°	44400	44400	49400
35	51°	32700	32700	37200
40	44°	25100	25100	29000
45	37°	19600	19600	23100
50	28°	15800	15800	18900

102 FT. BOOM LENGTH MANUAL RETRACTED				
20FT.	77°	62000	62000	62000
25	75°	57000	57000	57000
30	72°	44400	44400	49400
35	69°	32700	32700	37200
40	66°	25100	25100	29000
45	67°	19600	19600	23100
50	59°	15800	15800	18900
60	52°	10200	10200	12800
70	44°	6500	6500	8700
80	35°	3900	3900	5800
90	22°	2000	2000	3700

72 FT. BOOM LENGTH MANUAL RETRACTED				
12FT.	78°	136000	136000	136000
15	75°	124000	124000	124000
20	71°	105400	105400	108000
25	67°	64100	64100	69600
30	62°	44400	44400	49400
35	58°	32700	32700	37200
40	52°	25100	25100	29000
45	47°	19600	19600	23100
50	41°	15800	15800	18900
60	26°	10200	10200	12800

HYDRAULIC CRANE LOAD RATINGS ON OUTRIGGERS FOR MACHINES EQUIPPED WITH:

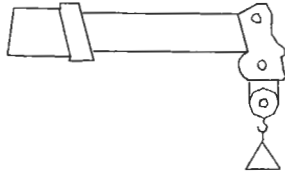
132 FT BOOM AND 30000 POUND FRONT BUMPER COUNTERWEIGHT

CAUTION: DO NOT LIFT LOADS WITH THIS CRANE UNLESS YOU HAVE READ AND UNDERSTAND SECTION TITLED "LIFTING OPERATIONS ON OUTRIGGERS".

WARNING:

WHEN OPERATING UNDER THE CONDITIONS BELOW, THE RATED LOAD IS DETERMINED BY LOADED BOOM ANGLE ONLY. LOAD RADIUS IS GIVEN FOR THE MAXIMUM BOOM LENGTH ONLY.

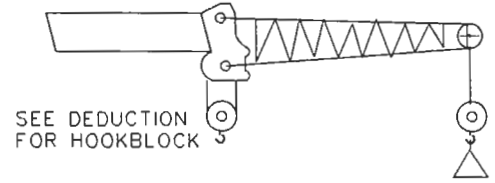
RATING CHART FOR — **MANUAL EXTENDED**



FOR ALL BOOM LENGTHS FROM 72 FT. TO 132 FT.

LOAD RADIUS FOR 132 FT. BOOM ONLY.	LOADED BOOM ANGLE △°	RATED LOAD POUNDS		
		360°	SIDE	REAR
25 FT.	79°	46000	46000	46000
30	77°	42500	42500	42500
35	74°	37000	37000	37000
40	72°	28200	30900	33500
45	70°	22400	24500	30500
50	67°	18200	19900	28000
60	62°	12300	13500	23000
70	57°	8500	9400	19100
80	52°	5900	6500	17200
90	46°	4000	4400	15300
100	39°	2400	2700	13700
110	30°	—	1400	11100
120	19°	—	—	9100
—	—	—	—	—
—	—	—	—	—

RATING CHART FOR — **BOOM EXTENSION**
(MANUAL MUST BE EXTENDED)



FOR ALL BOOM LENGTHS FROM 114 FT. TO 174 FT.

LOAD RADIUS FOR 174 FT. BOOM ONLY.	LOADED BOOM ANGLE △°	RATED LOAD POUNDS		
		360°	SIDE	REAR
35 FT.	79°	23000	23000	23000
40	78°	20000	20000	20000
45	76°	19000	19000	19000
50	74°	18100	18100	18100
60	71°	14200	15600	16500
70	67°	10400	11400	15000
80	64°	7600	8400	13100
90	60°	5600	6200	11600
100	55°	4100	4500	10400
110	51°	2900	3200	10000
120	46°	1900	2100	9100
130	41°	—	1100	8500
140	35°	—	—	7800
150	29°	—	—	6600
160	20°	—	—	5600

NOTE: OPERATION OF THIS EQUIPMENT IN EXCESS OF RATED LOADS AND DISREGARD OF INSTRUCTIONS IS AN UNSAFE PRACTICE AND WILL RESULT IN DENIAL OF WARRANTY CLAIMS.

LOAD RADIUS IN FEET	LOADED BOOM ANGLE △°	RATED LOAD POUNDS		
		360°	SIDE	REAR

LOAD RADIUS IN FEET	LOADED BOOM ANGLE △°	RATED LOAD POUNDS		
		360°	SIDE	REAR

42 FT. BOOM LENGTH MANUAL RETRACTED				
12FT.	68°	170000	200000	200000
15	63°	141000	155000	155000
20	55°	102900	102900	102900
25	45°	62600	62600	64900
30	34°	43200	43200	45800
35	16°	31800	31800	34300

CAUTION:
BOOM MUST BE FULLY RETRACTED
AGAINST STOPS.

82 FT. BOOM LENGTH MANUAL RETRACTED				
15FT.	77°	100000	100000	100000
20	74°	87000	87000	87000
25	70°	62600	62600	64900
30	66°	43200	43200	45800
35	62°	31800	31800	34300
40	58°	24400	24400	26600
45	54°	19000	19000	21100
50	49°	15200	15200	17100
60	38°	9700	9700	11300
70	24°	6100	6100	7500

52 FT. BOOM LENGTH MANUAL RETRACTED				
12FT.	72°	160000	160000	160000
15	69°	141000	155000	155000
20	63°	102900	102900	102900
25	56°	62600	62600	64900
30	49°	43200	43200	45800
35	41°	31800	31800	34300
40	30°	24400	24400	26600
45	14°	19000	19000	21100

92 FT. BOOM LENGTH MANUAL RETRACTED				
20FT.	76°	74000	74000	74000
25	73°	62600	62600	63000
30	69°	43200	43200	45800
35	66°	31800	31800	34300
40	62°	24400	24400	26600
45	59°	19000	19000	21100
50	55°	15200	15200	17100
60	46°	9700	9700	11300
70	36°	6100	6100	7500
80	23°	3600	3600	4800

62 FT. BOOM LENGTH MANUAL RETRACTED				
12FT.	76°	153000	153000	153000
15	73°	141000	141000	141000
20	68°	102900	102900	102900
25	62°	62600	62600	64900
30	57°	43200	43200	45800
35	51°	31800	31800	34300
40	44°	24400	24400	26600
45	37°	19000	19000	21100
50	28°	15200	15200	17100

102 FT. BOOM LENGTH MANUAL RETRACTED				
20FT.	77°	62000	62000	62000
25	75°	57000	57000	57000
30	72°	43200	43200	45800
35	69°	31800	31800	34300
40	66°	24400	24400	26600
45	67°	19000	19000	21100
50	59°	15200	15200	17100
60	52°	9700	9700	11300
70	44°	6100	6100	7500
80	35°	3600	3600	4800
90	22°	1700	1700	2800

72 FT. BOOM LENGTH MANUAL RETRACTED				
12FT.	78°	136000	136000	136000
15	75°	124000	124000	124000
20	71°	102900	102900	102900
25	67°	62600	62600	64900
30	62°	43200	43200	45800
35	58°	31800	31800	34300
40	52°	24400	24400	26600
45	47°	19000	19000	21100
50	41°	15200	15200	17100
60	26°	9700	9700	11300

JIB LIFTING OPERATIONS


JIB CAPACITY NOTES:

1. MAXIMUM JIB LOAD RATINGS ARE BASED ON STRUCTURAL COMPETENCE AND DO NOT EXCEED 75% OF TIPPING LOAD WITH FULLY EXTENDED OUTRIGGERS. USE OF THE OUTRIGGERS IS REQUIRED WHEN BOOM IS EQUIPPED WITH JIB.
2. AREA OF OPERATION WILL BE OVER SIDE.

WARNING:

1. DO NOT ATTEMPT TO LIFT MORE THAN RATED LOAD AT BOOM ANGLES SHOWN, OR LIFT WHERE NO ANGLE OR LOAD IS LISTED, AS CRANE MAY TIP OR COLLAPSE. ATTEMPTS TO LIFT MORE THAN RATED LOADS SHOWN ABOVE OR BELOW HEAVY LINE MAY CAUSE STRUCTURAL DAMAGE TO MACHINE BEFORE TIPPING OCCURS.
2. FOR BUCKET RATINGS, DEDUCT 20% FROM JIB LOAD RATINGS. CLAMSHELL AND MAGNET OPERATIONS ARE NOT PERMITTED WITH JIB ATTACHED.
3. DO NOT LIFT WITH JIB AT BOOM ANGLES BELOW 55°. LOSS OF STABILITY OCCURS RAPIDLY.

WARNING:
BELOW ARE THE DEDUCTIONS FOR AN EMPTY HOOK ON THE BOOM POINT OR EXTENSION. DEDUCTIONS ARE IN POUNDS FROM THE RATED LOAD.

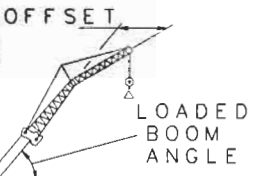


HOOK TYPE DESCRIPTION	BOOM POINT			EXTENSION		
	30 FT. JIB	45 FT. JIB	60 FT. JIB	30 FT. JIB	45 FT. JIB	60 FT. JIB
9.5 TON BALL HOOK		300			400	
10 TON BALL HOOK		400			600	
30 TON BALL HOOK		700			1000	
55 TON BALL HOOK		1000				
100 TON BALL HOOK		1200				

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CAUTION:

DO NOT LIFT LOADS WITH THIS CRANE UNLESS YOU HAVE READ AND UNDERSTAND SECTION TITLED "JIB LIFTING OPERATIONS".



		RATED LOADS (POUND)		
		JIB LENGTH 30 FT.	JIB LENGTH 45 FT.	JIB LENGTH 60 FT.
0° OFFSET	80°	14000	9000	6000
	75°	12000	8400	5400
	70°	9800	7800	4800
	65°	6100	5500	4300
	60°	3900	3500	3000
	55°	2300	2100	1700
12.5° OFFSET	80°	9500	8000	4500
	75°	9000	7000	4100
	70°	8500	6000	3700
	65°	5700	5000	3500
	60°	3700	3200	2700
	55°	2200	1900	1500
25° OFFSET	80°	7500	5100	3400
	75°	7100	4500	3000
	70°	6800	4100	2600
	65°	5400	3700	2400
	60°	3500	3000	2200
	55°	2100	1800	1400

JIB LOAD RATINGS
ON OUTRIGGERS

FOR MACHINES EQUIPPED

WITHOUT
FRONT BUMPER COUNTERWEIGHT

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