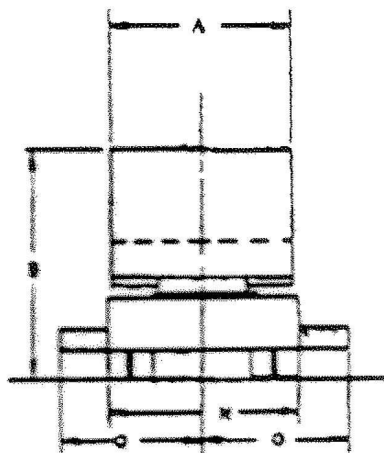
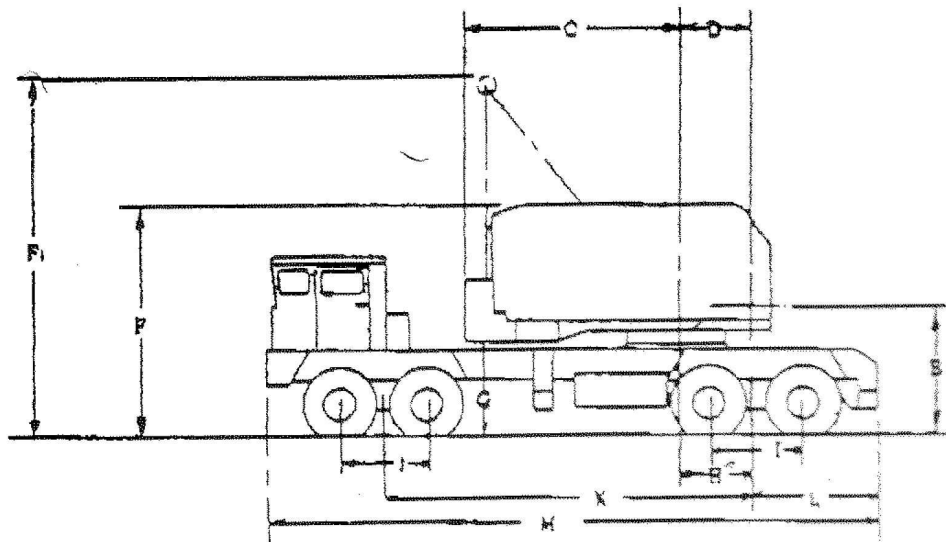


5510

General Specifications

210 FEET BOOM AND JIB

62.5 TON



A.	Width of cab	9' 0"
B.	Height to top of cab	11' 11 1/4"
C.	Tail swing	12' 1"
D.	Centerline of pivot to centerline of boom foot	3' 7 1/2"
E.	Ground to centerline of boom foot	6' 5 1/2"
F.	Height over A-frame (lowered)	12' 5 1/2"
F ₁ .	Height over A-frame (raised)	19' 1 1/2"
G.	Ground to bottom counterweight	4' 7 1/2"
H.	Centerline of pivot to centerline of rear bogie	3' 6"
I.	Distance between rear axles	4' 0"
J.	Distance between front axles	4' 8"
K.	Centerline of rear bogie to centerline of front bogie	18' 8"
L.	Centerline of rear bogie to rear outrigger	9' 8 1/4"
M.	Overall length	31' 4 1/4"
N.	Overall width	11' 0"
O.	Center of carrier to extended outrigger	9' 0"
O ₁ .	Outrigger Extension w/Hydraulic Outriggers	9' 0"
LH	Turning radius (over front bumper)	53' 10"
RH	Turning radius (over front bumper)	54' 8"
	Ground clearance	12 1/4"

Lifting Capacities

Boom Length	Radius In Feet	Boom Angle Degrees	Free Over Side	Free Over Rear	Outriggers Extended
40'	12	79	73,600	85,500	125,000
	15	75	53,400	62,700	120,000
	20	67	36,400	43,000	106,600
	25	59	27,300	32,600	71,200
	30	50	21,700	26,000	*53,200
	35	39	17,900	21,600	*42,300
	40	26	15,100	18,400	*35,000
50'	13	81	65,300	76,000	123,400
	15	78	53,200	62,500	120,000
	20	72	36,200	42,800	106,400
	25	66	27,100	32,400	71,000
	30	59	21,500	25,800	53,000
	35	52	17,700	21,400	42,100
	40	44	14,900	18,200	*34,800
	50	23	11,300	13,800	*25,600
60'	14	81	55,900	68,300	121,700
	15	80	52,900	62,200	120,000
	20	75	35,900	42,500	106,100
	25	70	26,800	32,100	70,700
	30	65	21,200	25,500	52,700
	35	59	17,400	21,100	41,800
	40	53	14,600	17,900	34,500
	50	40	11,000	13,500	*25,300
	60	21	8,700	10,700	*19,900
70'	16	81	48,100	56,700	116,700
	20	77	35,700	42,300	105,900
	25	73	26,600	31,900	70,500
	30	68	21,000	25,300	52,500
	35	64	17,200	20,900	41,600
	40	59	14,400	17,700	34,300
	50	49	10,800	13,300	25,100
	60	37	8,500	10,500	*19,700
	70	19	6,800	8,600	*16,000
80'	17	81	44,100	52,100	113,800
	20	80	35,400	42,000	105,600
	25	75	26,300	31,600	70,200
	30	71	20,700	25,000	52,200
	35	68	16,900	20,600	41,300
	40	64	14,100	17,400	34,000
	50	55	10,500	13,000	24,800
	60	46	8,200	10,200	19,400
	70	35	6,500	8,300	*15,700
	80	18	5,300	6,800	*13,100
90'	19	81	37,700	45,700	108,400
	20	80	35,200	41,800	105,400
	25	77	26,100	31,400	70,000
	30	73	20,500	24,800	52,000
	35	70	16,700	20,400	41,100
	40	67	13,900	17,200	33,800
	50	59	10,300	12,800	24,600
	60	52	8,000	10,000	19,200
	70	43	6,300	8,100	15,500
	80	32	5,100	6,600	*12,900
	90	17	4,200	5,300	*11,000
100'	21	81	32,700	38,900	95,800
	25	77	25,800	31,100	69,700
	30	75	20,200	24,500	51,700
	35	72	16,400	20,100	40,800
	40	69	13,600	16,900	33,500
	50	63	10,000	12,500	24,300
	60	56	7,700	9,700	18,900
	70	49	6,000	7,800	15,200
	80	41	4,800	6,200	12,600
	90	31	3,900	5,200	*10,700
	100	16	3,100	4,400	* 9,100
110'	22	81	30,500	36,500	86,300
	25	79	25,600	30,900	69,500
	30	77	20,000	24,300	51,500
	35	74	16,200	19,900	40,600
	40	71	13,400	16,700	33,200
	50	65	9,800	12,300	24,100
	60	60	7,500	9,500	18,700
	70	53	5,800	7,600	15,000
	80	46	4,600	6,100	12,400

Boom Length	Radius In Feet	Boom Angle Degrees	Free Over Side	Free Over Rear	Outriggers Extended
110'	90	39	3,700	5,000	10,500
	100	29	2,900	4,200	* 8,900
	110	15	2,400	3,300	* 7,700
*120'	24	81	26,800	32,200	80,100
	25	80	25,300	30,600	69,300
	30	78	19,700	24,000	51,200
	35	75	15,900	19,600	40,300
	40	73	13,100	16,400	32,900
	50	68	9,500	12,000	23,800
	60	62	7,200	9,200	18,400
	70	57	5,500	7,300	14,700
	80	51	4,300	5,800	12,100
	90	44	3,400	4,700	10,200
	100	37	2,600	3,900	8,600
	110	28	2,100	3,200	7,400
	120	14	1,600	2,600	6,400
*130'	25	82	25,100	30,400	83,000
	30	79	19,500	23,800	50,500
	35	76	15,700	19,400	40,100
	40	74	12,900	16,200	32,700
	50	69	9,300	11,800	22,600
	60	65	7,000	9,000	18,200
	70	60	5,300	7,100	14,500
	80	54	4,100	5,600	11,900
	90	49	3,200	4,500	10,000
	100	43	2,400	3,700	8,400
	110	35	1,900	3,000	7,200
	120	27	1,400	2,400	6,200
	130	14	1,000	1,900	5,400
*140'	27	81	22,200	27,100	74,500
	30	79	19,200	23,200	64,000
	35	77	15,400	19,100	54,800
	40	75	12,600	15,900	42,400
	50	71	9,000	11,500	32,300
	60	67	6,700	8,700	25,900
	70	62	5,000	6,800	19,300
	80	57	3,800	5,200	15,600
	90	52	2,900	4,200	13,700
	100	47	2,100	3,400	11,800
	110	41	1,600	2,700	9,900
	120	34	1,100	2,100	8,900
	130	26	800	1,600	7,900
	140	13	600	1,200	6,400
*150'	28	81	20,900	25,600	70,800
	30	80	19,000	23,200	62,200
	35	78	15,200	18,900	52,900
	40	76	12,400	15,700	41,200
	50	72	8,800	11,200	31,900
	60	68	6,500	8,500	27,700
	70	64	4,800	6,400	24,000
	80	60	3,600	5,100	21,400
	90	55	2,700	4,000	19,500
	100	50	1,900	3,200	17,600
	110	45	1,400	2,500	15,700
	120	39	1,000	1,900	13,800
	130	33	700	1,400	11,900
	140	25	500	1,100	10,000
	150	13	400	900	8,600
*160'	30	81	18,700	23,000	67,100
	35	79	14,900	18,400	58,200
	40	77	12,100	15,400	49,300
	50	73	8,500	11,000	40,400
	60	70	6,200	8,200	37,400
	70	66	4,500	6,000	32,700
	80	62	3,300	4,800	29,700
	90	58	2,400	3,700	26,700
	100	53	1,600	2,900	23,700
	110	49	1,100	2,300	20,700
	120	44	800	1,800	18,700
	130	38	600	1,300	16,700
	140	32	400	1,000	14,700
	150	23	300	800	12,700
	160	12	200	600	10,700

Load ratings do not exceed 85% of tipping with crane standing level on firm, uniformly supporting surface. Outrigger ratings at radii of 20 feet or less are based on strength, not stability. Safe loads depend on ground conditions, boom length, radius of operation, condition and inflation (100 psi) of tires, and proper handling, all of which must be taken into consideration by user.

"Radius in feet" is the horizontal distance at ground level from center pin to a vertical line through the center of gravity of the suspended load. Blocks, slings, buckets and other load-carrying devices are considered part of the load. Ratings marked (*) require retractable "A" frame fully raised. Crane will self-erect 160 ft. boom plus 30 ft. No. 7HL Jib or 40 ft. of No. 6 Jib, with tackle not suspended.

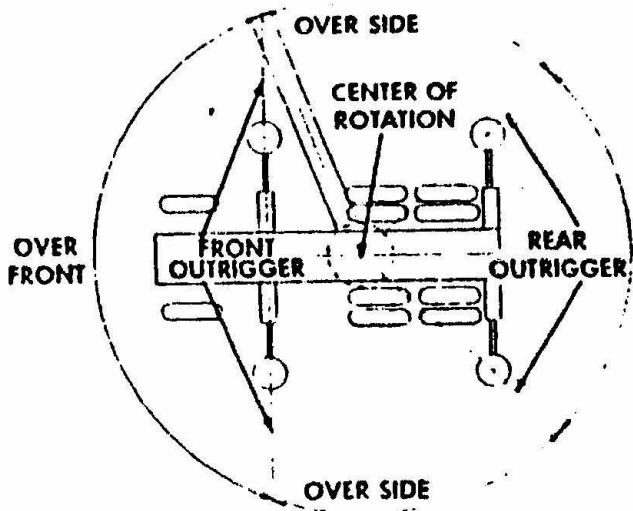


DIAGRAM NO. 2
OUTRIGGERS EXTENDED & SET

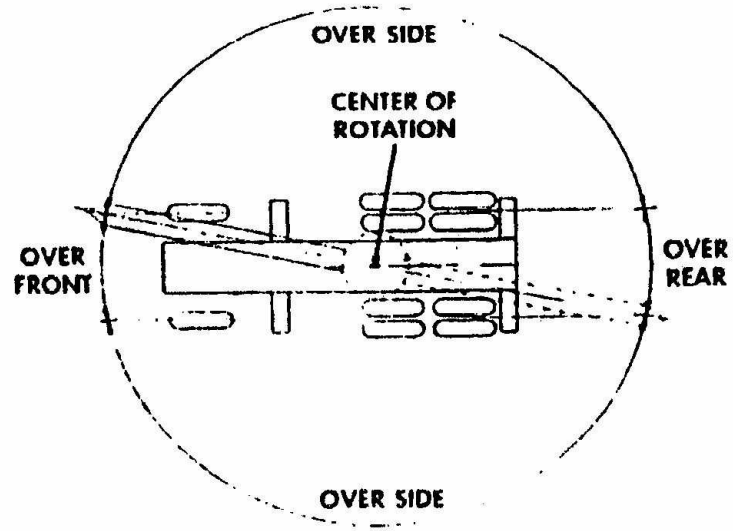
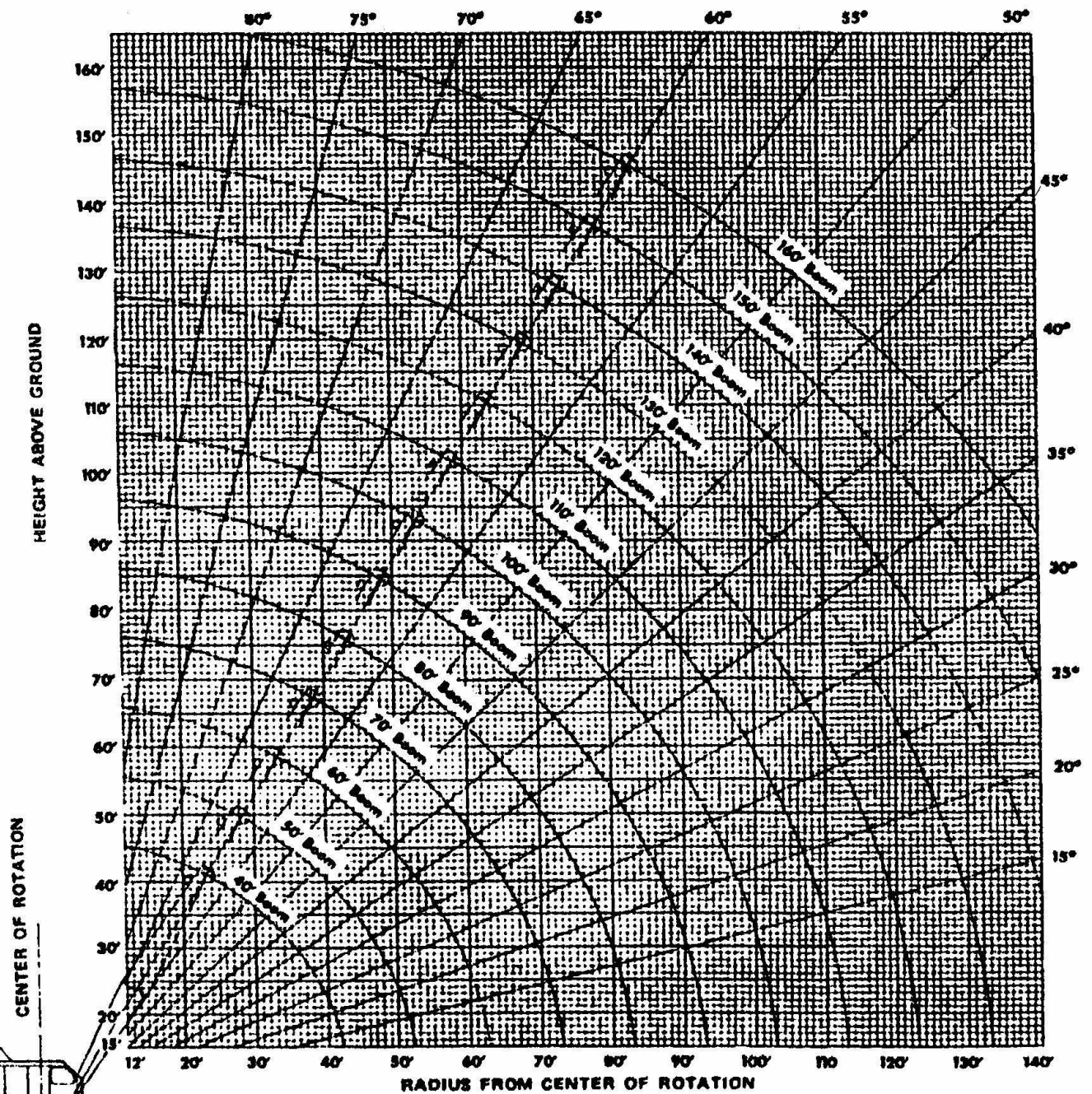


DIAGRAM NO. 1
FREE RATINGS



No. 7HL Jib	Jib Offset "A"	Jib Length		
		30'	40'	50'
Max. Jib Capacity in Pounds	0 to 6'	*16,000	*14,000	11,000
	9'	*16,000	12,000	9,300
	12'	*14,000	10,800	8,000
	15'		9,500	7,000
	18'			6,000
Effective Jib Weight at Boom Point		1,400	1,950	2,630

Jib capacities based on 80 ft. minimum boom length, for capacities on shorter booms consult factory.

The jib load rating is the lesser of (a) the maximum jib rating, or (b) the main boom rating at the jib working radius, reduced by 200 pounds and by the weight of all suspended load-carrying devices. The maximum jib working radius is limited to the maximum radius for which the ratings are shown for the boom on which the jib is mounted. The main boom rating with the jib in place must be reduced by the effective jib weight, the weight of the main fall blocks and slings, and twice the weight of the jib tackle.

Ratings Marked Thus * Require 7/8" Dia. Load Rope.
Maximum Rating Using 3/4" Dia. Load Rope is 12500 Lbs.

