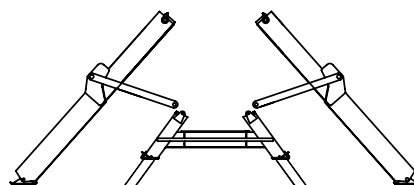
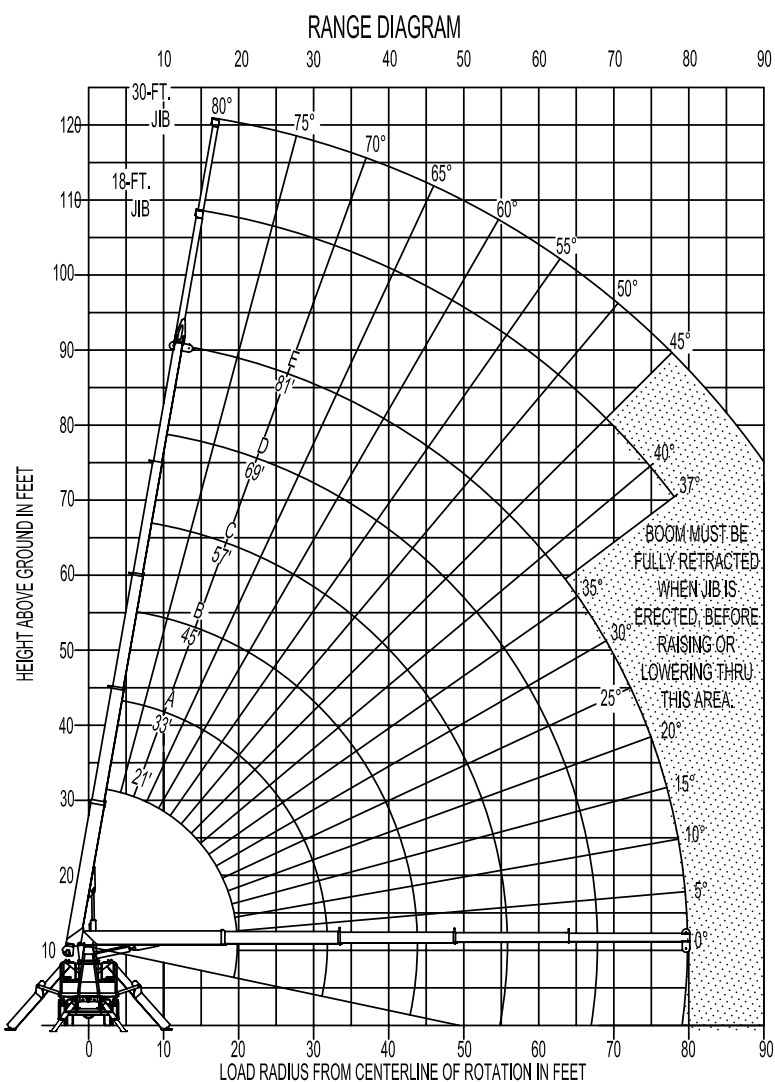




BoomTruck™

TRUCK-MOUNTED CRANE

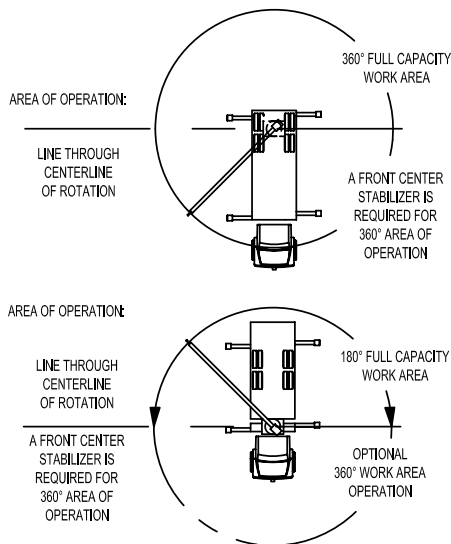
MODEL 1881 RANGE SPECIFICATIONS



OUTRIGGERS AT FULL EXTENSION

NOTE:

1. Operate jib by radius when main boom is full extended. Increase boom angle if necessary to maintain load radius.
2. When boom is retracted, operate jib by boom angles. Do not exceed any rated jib capacities at reduced boom lengths.
3. Capacities do not exceed 85% stability.
4. Load ratings above bold line are structurally limited.
5. Personnel handling is allowed only with full span outriggers.
6. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only.



DO NOT PAINT OVER ANY LABELS 107780 102705



MODEL 1881 LOAD SPECIFICATIONS

MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

MAIN BOOM LOAD RATINGS

LOAD RATINGS IN LBS. WITH OUTRIGGERS AND STABILIZERS EXTENDED

LOAD RADIUS IN FEET	LOADED BOOM ANGLE	21-ft	LOADED BOOM ANGLE	A 33-ft	LOADED BOOM ANGLE	B 45-ft	LOADED BOOM ANGLE	C 57-ft	LOADED BOOM ANGLE	D 69-ft	LOADED BOOM ANGLE	E 81-ft
5	75	36,000										
10	59	19,400	72	18,000	77	17,000						
15	40	14,600	62	13,600	70	12,000	75	11,000	78	10,200		
20			51	9,900	64	9,500	70	8,300	74	7,650	76	6,800
25			39	8,000	56	7,600	65	6,700	70	6,050	73	5,500
30					48	6,200	59	5,500	65	4,950	69	4,500
35					38	5,050	52	4,650	60	4,200	65	3,800
40					25	4,000	46	3,950	55	3,550	61	3,250
45							38	3,250	50	3,050	57	2,850
50							28	2,700	44	2,600	53	2,500
55							11	1,800	37	2,350	48	2,200
60									29	1,950	43	1,950
65											37	1,700
70											30	1,400
75											22	1,050
	0	7,450	0	3,950	0	2,200	0	1,100	0	600		
	450		300		200		150		150		100	

JIB LOAD RATINGS

LOAD RATINGS IN LBS. WITH OUTRIGGERS
AND STABILIZERS EXTENDED

LOAD RADIUS IN FEET	LOADED BOOM ANGLE	18 - ft JIB	LOADED BOOM ANGLE	30 - ft JIB
20	78	3,000	79.5	2,500
25	75	2,900	77	2,400
30	72.5	2,750	74.5	2,250
35	69.5	2,600	72	2,100
40	66.5	2,350	69.5	1,850
45	63.5	2,200	67	1,700
50	60	2,050	64	1,550
55	56.5	1,950	61	1,450
60	53.5	1,850	58	1,350
65	49.5	1,450	55	1,150
70	45.5	1,150	52	1,050
75	41.5	850	48.5	1,000
80	36.5	650	44.5	700

DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs.)

NOTICE

- DO NOT DEADHEAD LINE
BLOCK AGAINST BOOM TIP
WHEN EXTENDING BOOM

- KEEP AT LEAST 5 WRAPS OF
LOADLINE ON THE WINCH DRUM
AT ALL TIMES

- USE ONLY 9/16" DIAMETER
WIRE ROPE, AS SPECIFIED
BELOW, WITH THE PROPER
BREAKING STRENGTHS LISTED

- ANTI-TWO-BLOCK SYSTEM MUST
BE IN GOOD OPERATING CONDITION
BEFORE OPERATING CRANE. SEE
OPERATION & SAFETY MANUAL

1-PART LINE



2-PART LINE



3-PART LINE



4-PART LINE



ELLIOTT EQUIPMENT CO. SUPPLIED
LOADLINE EQUIPMENT DEDUCTIONS:
DOWNHAUL WEIGHT180 lbs
ONE SHEAVE BLOCK.....375 lbs
TWO SHEAVE BLOCK.....640 lbs

MAX PULL: 9,600 lbs	19,200 lbs	28,800 lbs	36,000 lbs	9/16" - 6 x 37 IWRC (3.5:1 S.F.) 33,600-lbs. BREAKING STRENGTH
MAX PULL: 9,060 lbs	18,120 lbs	27,180 lbs	36,000 lbs	9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-lbs. BREAKING STRENGTH
MAX PULL: 7,680 lbs	15,360 lbs	23,040 lbs	30,720 lbs	9/16" - SPIN RESISTANT (5:1 S.F.) 38,400-lbs. BREAKING STRENGTH

CRANE MEETS ASME B30.1 REQUIREMENTS AT TIME OF MANUFACTURE

DO NOT PAINT OVER ANY LABELS 107160 107165