

ELLIOTT

EQUIPMENT COMPANY

MODEL 3200 73-ft BOOM

MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

LOAD RATINGS IN LBS. WITH OUTRIGGERS AND STABILIZERS EXTENDED

LOAD RADIUS IN FEET	LOADED BOOM ANGLE	29-FT	LOADED BOOM ANGLE	A 40-FT	LOADED BOOM ANGLE	B 51-FT	LOADED BOOM ANGLE	C 62-FT	LOADED BOOM ANGLE	D 73-FT
5	79	64,000								
8	72.5	43,000	78	32,000						
10	68	36,600	74.6	28,000	78.5	26,500				
12	63.5	32,000	71.5	26,000	76	25,200	78.5	22,000		
14	58.5	28,400	68.5	24,000	73.5	23,700	76.5	21,700	78.5	21,500
16	53	24,400	65.5	22,500	71	22,200	74.5	20,400	77	19,500
18	47.5	21,300	61.8	21,000	68.5	20,600	72.5	18,400	75.5	18,400
20	41	18,800	58.5	19,000	66	19,100	70.5	17,800	74	16,800
25	13.5	14,200	49	14,000	59.5	14,550	65.5	14,500	69.5	14,200
30			37.5	10,000	52.5	11,500	60	11,500	65	11,500
35			22.5	9,000	44.5	9,400	55	9,400	61	9,450
40					36	7,800	49	7,850	56.5	7,850
45					23	6,550	42	6,600	51.5	6,600
50							34	5,600	46	5,600
55							23.5	4,750	40	4,750
60									33	4,050
65									24	3,450
	0	11,000	0	7,000	0	5,000	0	3,000	0	2,000

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



MAX PULL: 9,060 lbs

2-PART LINE



18,120 lbs

3-PART LINE



27,180 lbs

4-PART LINE



36,240 lbs

5-PART LINE



45,300 lbs

6-PART LINE



54,360 lbs

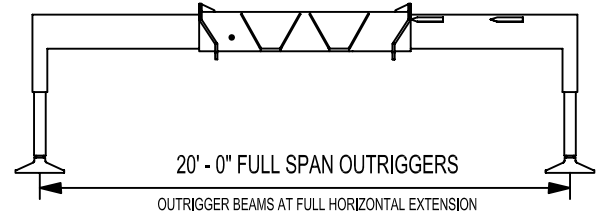
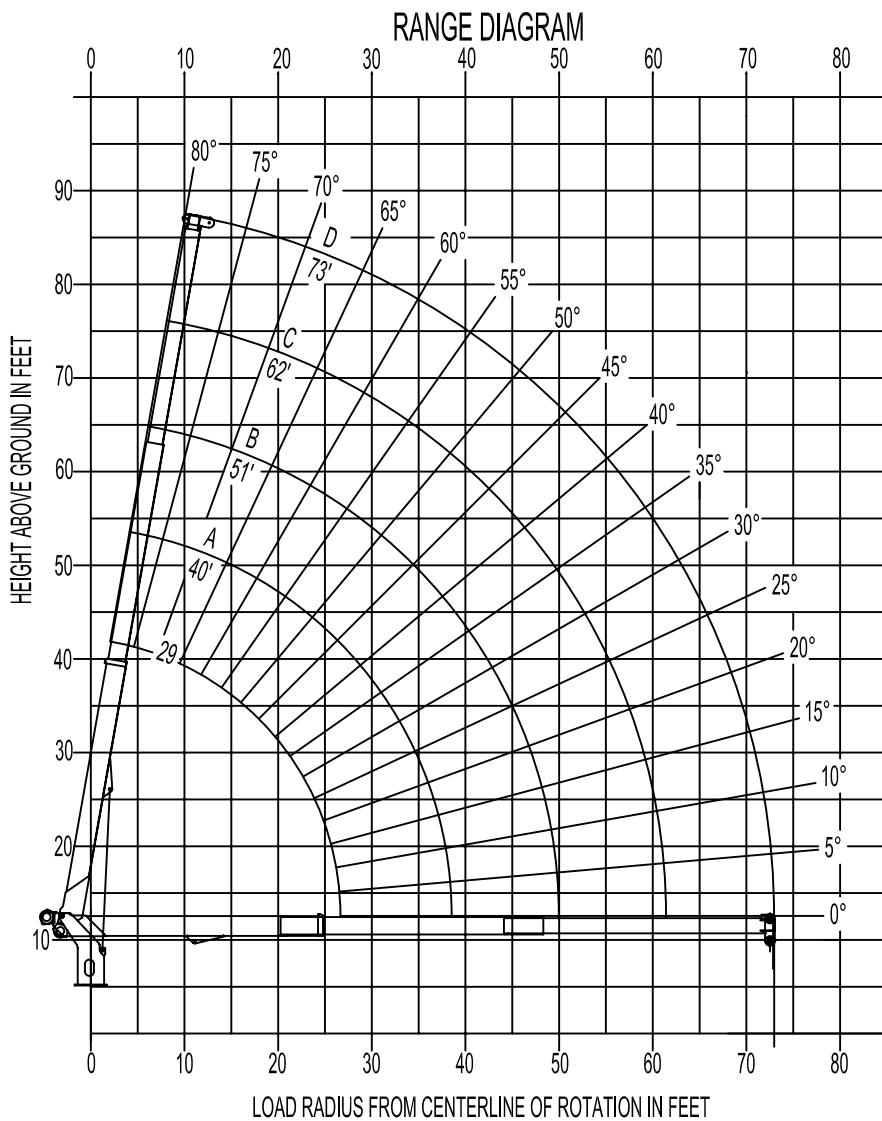
7-PART LINE



64,000 lbs

ELLIOTT EQUIPMENT CO. SUPPLIED
LOADLINE EQUIPMENT DEDUCTIONS:
DOWNHAUL WEIGHT180 lbs
ONE SHEAVE BLOCK.....375 lbs
TWO SHEAVE BLOCK.....640 lbs
THREE SHEAVE BLOCK.....870 lbs
AUXILIARY SHEAVE.....100 lbs

9/16" - SPIN RESISTANT (5:1 S.F.)
45,300-lbs BREAKING STRENGTH



1. Capacities do not exceed 85% stability.
2. Load ratings above bold line are structurally limited.
3. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only.

