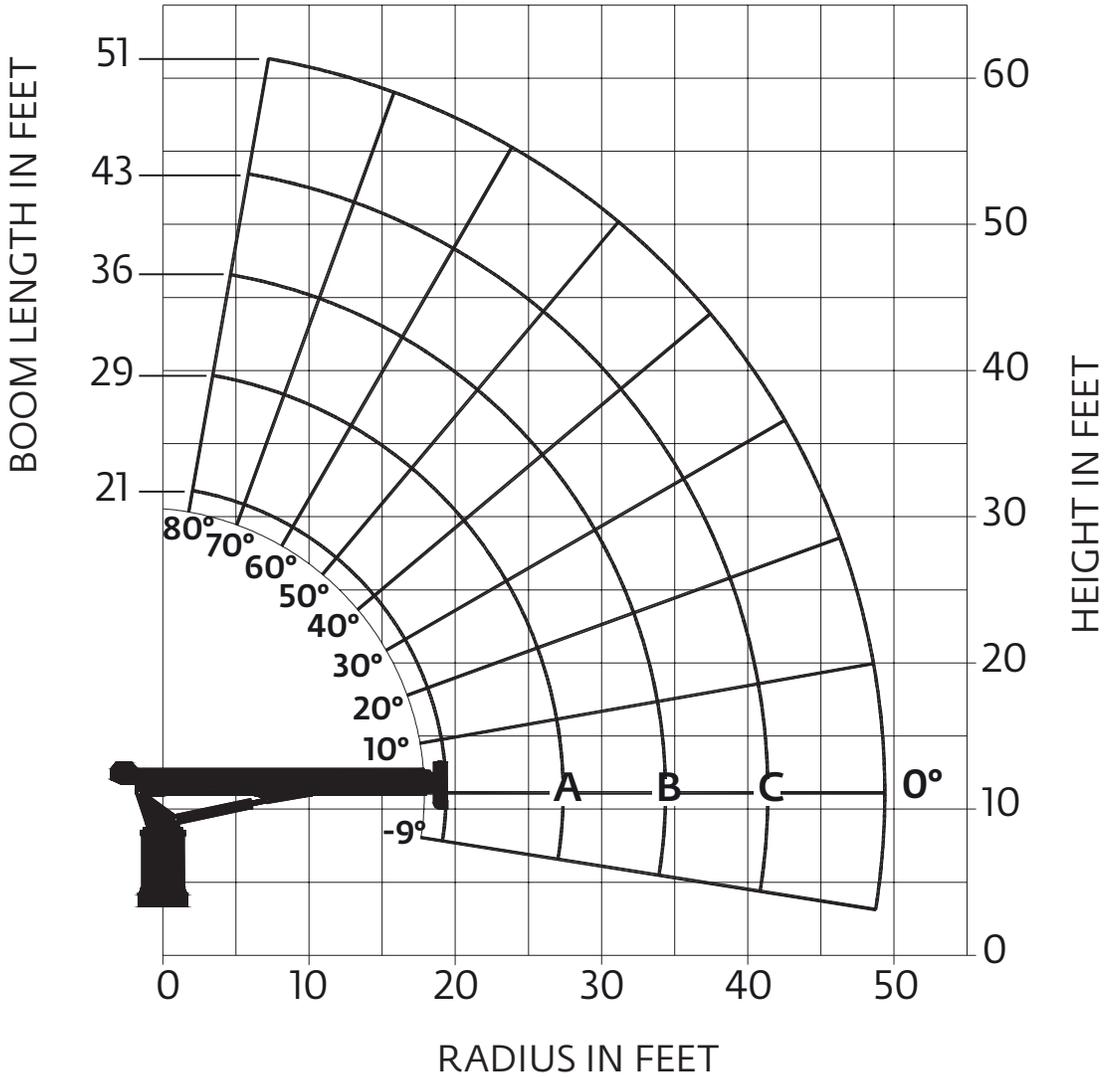


# Working range - 851D

 15,5 m  
(51 ft)

 100%  
6,4 m  
(21 ft)

 360°



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# Load chart - 851D



6,4 m - 15,5 m  
(21 ft - 51 ft)



100%  
6,4 m  
(21 ft)



360°



Pounds

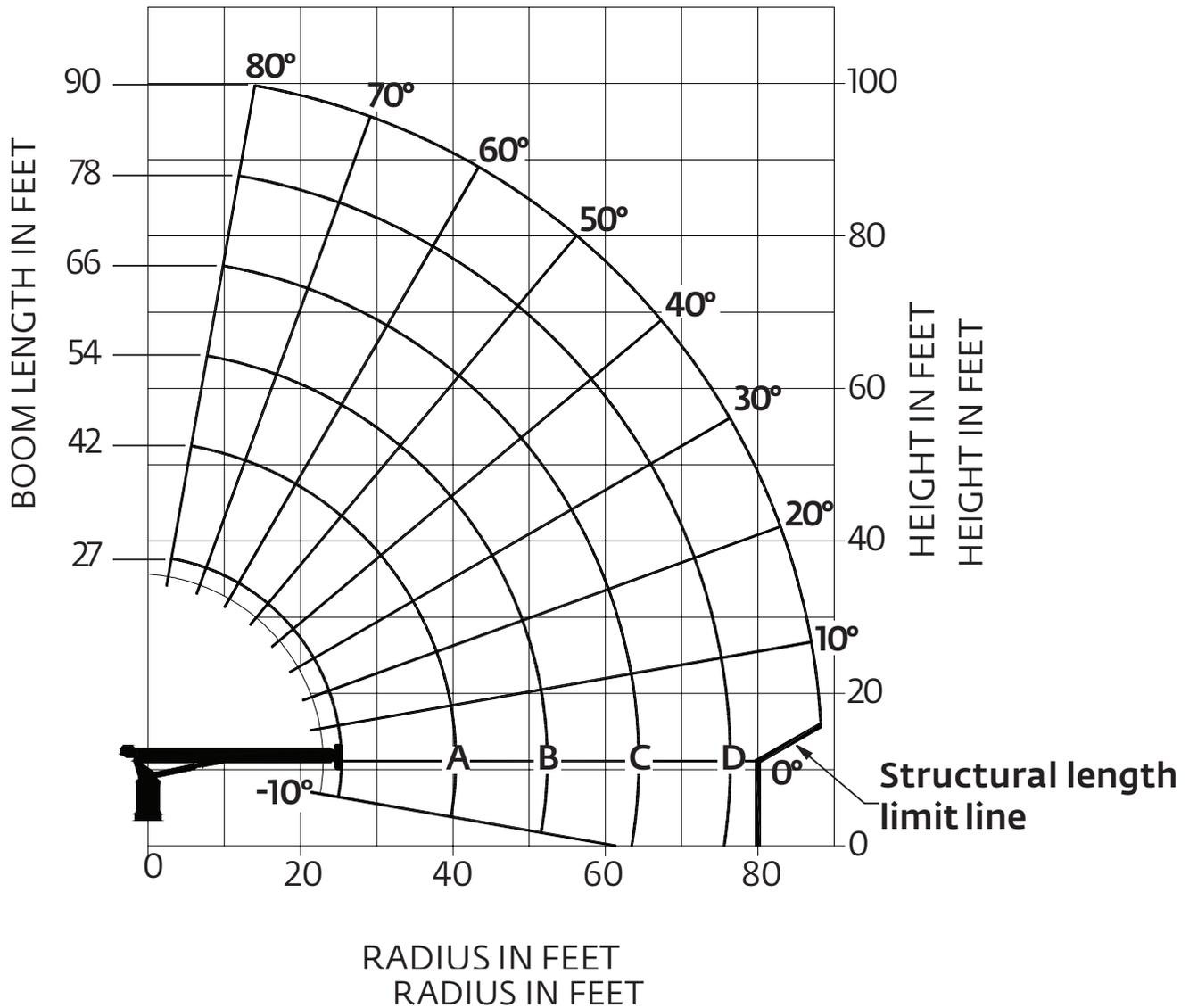
LOAD RADIUS (FEET)	LOADED BOOM ANGLE	21 ft BOOM (lb)	LOADED BOOM ANGLE	A 29 ft BOOM (lb)	LOADED BOOM ANGLE	B 36 ft BOOM (lb)	LOADED BOOM ANGLE	C 43 ft BOOM (lb)	LOADED BOOM ANGLE	51 ft BOOM (lb)
5	73.5	46,000								
8	64	32,800	72	30,500	76	29,000				
10	57.5	27,800	67.5	26,200	72.5	25,100	76	23,800	78	22,500
12	50.5	24,500	63	23,200	69	22,100	73	21,100	76	21,000
14	42.5	21,400	58.5	20,500	65.5	20,000	70	18,800	73.5	18,000
16	33	18,400	53.5	18,300	62	17,500	67	16,600	71	16,500
20			42.5	15,500	54	15,100	61	14,000	66	13,500
25			23	11,400	43	12,500	53	12,000	59.5	11,000
30					29	9300	43.5	10,000	53	9600
35							33	7800	46	8500
40							16	6000	37	6800
45									25	5800
	0	11,200	0	7200	0	5400	0	4200	0	3200

**NOTE:**

1. All capacities are in pounds, angles in degrees, radius in feet.
2. Loaded boom angles are given as reference only.

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# Working range - 890D



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# Load chart - 890D



8,23 m - 27,43 m  
(27 ft - 90 ft)



100%  
6,4 m  
(21 ft)



360°



Pounds

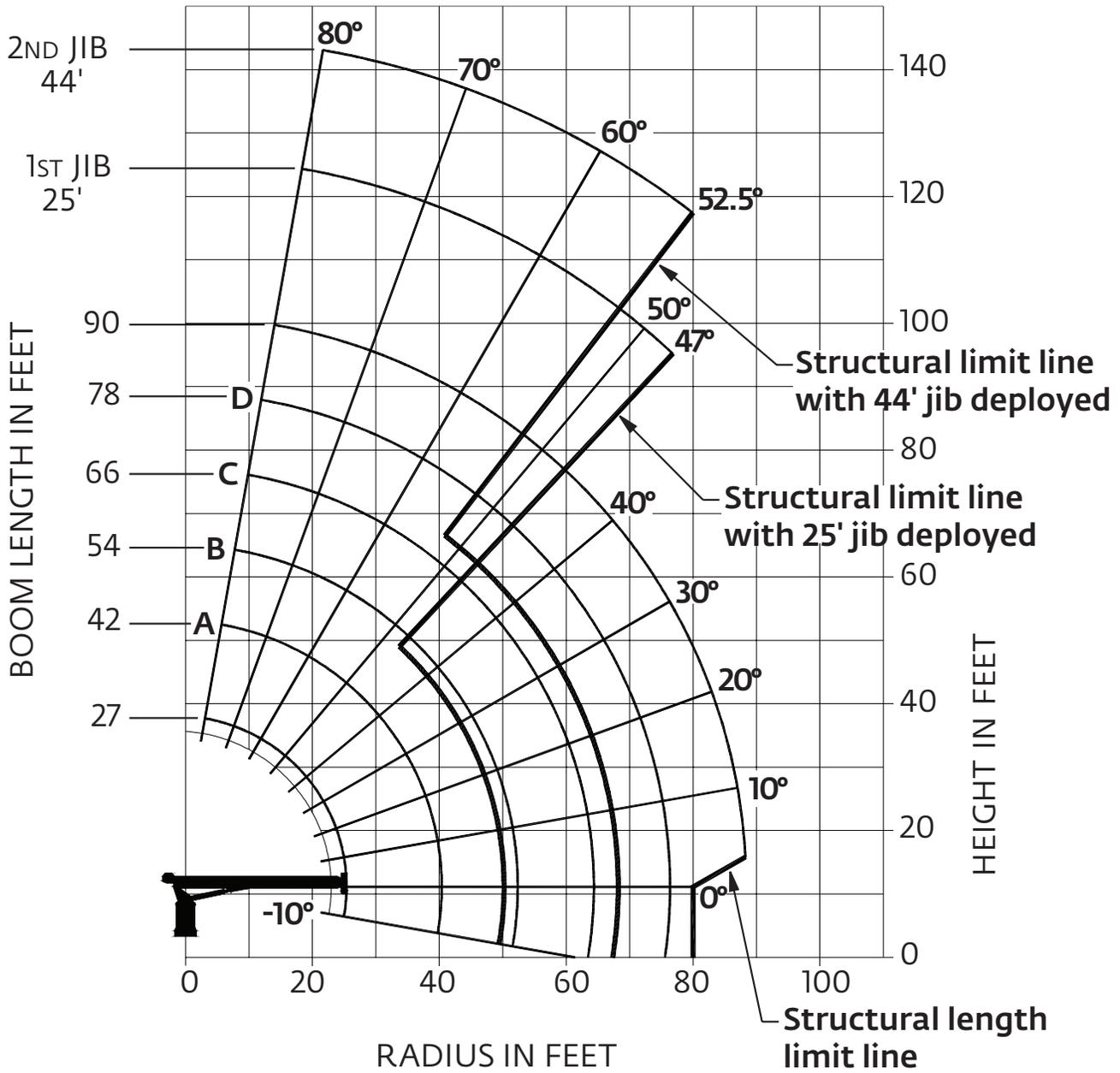
LOAD RADIUS (ft)	LOADED BOOM ANGLE	27 ft BOOM (lb)	LOADED BOOM ANGLE	A 42 ft BOOM (lb)	LOADED BOOM ANGLE	B 54 ft BOOM (lb)	LOADED BOOM ANGLE	C 66 ft BOOM (lb)	LOADED BOOM ANGLE	D 78 ft BOOM (lb)	LOADED BOOM ANGLE	90 ft BOOM (lb)
5	77	46,000										
8	70	33,000										
10	65	27,400	75.5	23,900	79	22,300						
12	60	23,500	72.5	20,900	77	19,100						
14	54.5	20,700	69.5	18,300	75	16,800	78	15,400				
16	49	18,300	66.5	16,300	72.5	14,800	76	13,600	79	12,600		
20	35	14,500	60	13,200	68	12,200	72.5	11,250	76	10,300	78	10,000
25			51.5	10,700	62	9900	68	9150	72	8450	74.5	8100
30			42	8800	55.5	8350	63.5	7450	68	6800	71.5	6500
35			31	7050	49	6900	58	6400	64	5850	68	5550
40					41	5850	53	5500	60	5250	64.5	4750
45					32	4900	47	4750	55	4400	61	4150
50					18.5	3700	40.5	4050	50.5	3850	57	3600
55							32.5	3350	45.5	3300	53	3150
60							22.5	2700	39.5	2900	49	2750
65									33	2450	44	2400
70									25	1950	39	2050
75									12	1150	33.5	1700
80											26.5	1350
85											17	850
	0	7400	0	3500	0	2000	0	950				

**NOTE:**

1. All capacities are in pounds, angles in degrees, radius in feet.
2. Loaded boom angles are given as reference only.

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# Load charts - 890D with jib



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# Load charts - 890D with jib



8,23 m - 27,43 m  
(27 ft - 90 ft)



100%  
6,4 m  
(21 ft)



360°



Pounds

LOAD RADIUS (ft)	LOADED BOOM ANGLE	27 ft BOOM (lb)	LOADED BOOM ANGLE	A 42 ft BOOM (lb)	LOADED BOOM ANGLE	B 54 ft BOOM (lb)	LOADED BOOM ANGLE	C 66 ft BOOM (lb)	LOADED BOOM ANGLE	D 78 ft BOOM (lb)	LOADED BOOM ANGLE	90 ft BOOM (lb)	LOAD RADIUS (ft)	LOADED BOOM ANGLE	25 ft JIB (lb)	LOADED BOOM ANGLE	44 ft JIB (lb)
5	77	46,000											30	76.5	4800	79	3100
8	70	32,300											35	74	4300	77	2900
10	65	26,700	75.5	23,400	79	21,900							40	71.5	3650	75	2700
12	60	22,800	72.5	20,400	77	18,700							45	68.5	3000	73	2500
14	54.5	19,900	69.5	17,800	75	16,400	78	15,050					50	66	2450	71	2300
16	49	17,500	66.5	15,800	72.5	14,400	76	13,250	79	12,300			55	63	2000	69	2100
20	35	13,700	60	12,700	68	11,800	72.5	10,900	76	10,000	78	9750	60	60	1600	66	1800
25			51.5	10,200	62	9500	68	8800	72	8150	74.5	7850	65	57	1300	63.5	1500
30			42	8300	55.5	7950	63.5	7100	68	6500	71.5	6250	70	54	1000	61	1250
35			31	6550	49	6500	58	6050	64	5550	68	5300	75	50.5	750	58.5	1050
40					41	5450	53	5150	60	4950	64.5	4500	80	47	500	55.5	850
45					32	4500	47	4400	55	4100	61	3900	85			52.5	650
50					18.5	3300	40.5	3700	50.5	3550	57	3350					
55							32.5	3000	45.5	3000	53	2900					
60							22.5	2350	39.5	2600	49	2500					
65									33	2150	44	2150					
70									25	1650	39	1800					
75									12	850	33.5	1450					
80											26.5	1100					
85											17	600					
	0	6600	0	3000	0	1600	0	600									
ADD TO CAPACITIES WHEN NO JIB STOWED (lb)		800		500		400		350		300		250					

**NOTE:**

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2. Loaded boom angles are given as reference only.

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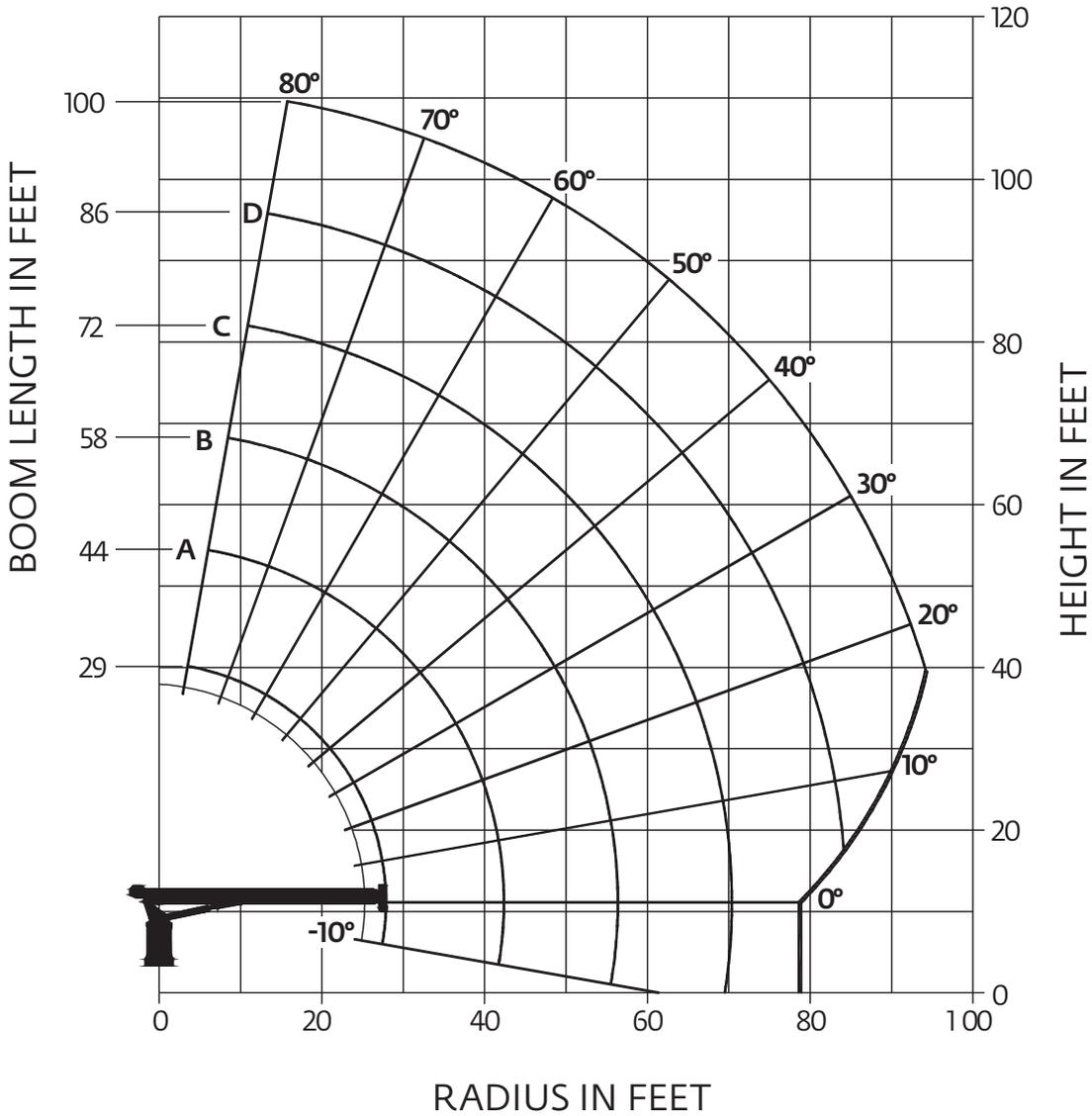
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# Working range - 8100D

 30,48 m  
(100 ft)

 100%  
6,4 m  
(21 ft)

 360°



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# Load chart - 8100D



8,99 m - 30,48 m  
(29.5 ft - 100 ft)



100%  
6,4 m  
(21 ft)



360°



Pounds

LOAD RADIUS (FEET)	LOADED BOOM ANGLE	29 ft BOOM (lb)	LOADED BOOM ANGLE	A 44 ft BOOM (lb)	LOADED BOOM ANGLE	B 58 ft BOOM (lb)	LOADED BOOM ANGLE	C 72 ft BOOM (lb)	LOADED BOOM ANGLE	D 86 ft BOOM (lb)	LOADED BOOM ANGLE	100 ft BOOM (lb)
5	79	46,000										
8	72.5	31,500	79	28,500								
10	68	26,300	76	23,800								
12	63.5	22,600	73.5	20,300	78	18,500						
14	59	19,800	70.5	17,800	76	16,200	79.5	14,700				
16	54	17,500	68	15,800	74	14,300	77.5	13,000				
20	43	14,200	61	12,800	69.5	11,700	74.5	10,700	77.5	9850		
25	25	10,500	54	10,300	64	9400	70	8600	74	7950	77	7350
30			45	8500	58.5	7800	66	7000	70.5	6450	74	6100
35			35	6900	53	6550	61.5	5950	67	5500	71	5150
40			20	5200	46	5550	56.5	5100	63	4700	67.5	4500
45					38	4700	51.5	4400	59.5	4100	64.5	3900
50					28.5	3850	46	3800	55	3550	61	3400
55					14	2650	40	3250	51	3100	57.5	2900
60							33	2700	46.5	2700	54	2550
65							24	2150	41	2300	50	2100
70							6.5	1050	35.5	1900	46	1900
75									29	1550	42	1600
80									20	1100	37	1300
85											32	1050
90											25	750
	0	5900	0	2900	0	1400	0	500				

**NOTE:**

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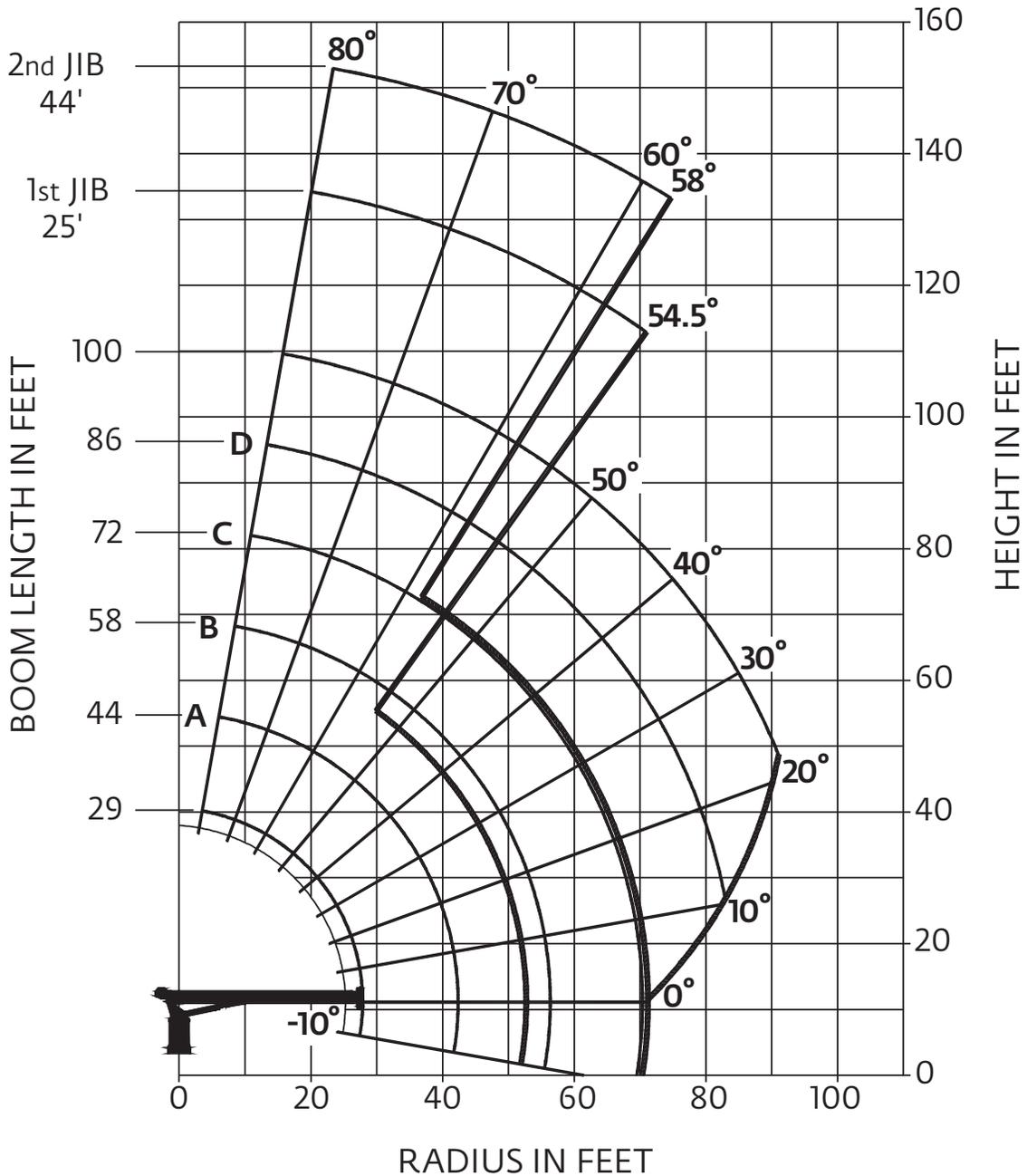
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# Working range - 8100D with jib

 30,48 m  
(100 ft)

 100%  
6,4 m  
(21 ft)

 360°



*THIS CHART IS ONLY A GUIDE AND SHOULD NOT BE USED TO OPERATE THE CRANE.  
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# Load chart - 8100D with jib



8,99 m - 30,48 m  
(29.5 ft - 100 ft)



100%  
6,4 m  
(21 ft)



360°



Pounds

LOAD RADIUS (FEET)	LOADED BOOM ANGLE	29 ft BOOM (lb)	LOADED BOOM ANGLE	A 44 ft BOOM (lb)	LOADED BOOM ANGLE	B 58 ft BOOM (lb)	LOADED BOOM ANGLE	C 72 ft BOOM (lb)	LOADED BOOM ANGLE	D 86 ft BOOM (lb)	LOADED BOOM ANGLE	100 ft BOOM (lb)	LOAD RADIUS (FEET)	LOADED BOOM ANGLE	25 ft JIB (lb)	LOADED BOOM ANGLE	44 ft JIB (lb)
5	79	46,000											30	78	3900	80	2750
8	72.5	30,700	79	27,900									35	75.5	3400	78	2500
10	68	25,500	76	23,200									40	73	2800	76	2250
12	63.5	21,800	73.5	19,700	78	18,050							45	70.5	2350	74	2000
14	59	19,000	70.5	17,200	76	15,750	79.5	14,350					50	68	1850	72	1850
16	54	16,700	68	15,200	74	13,850	77.5	12,650					55	65	1500	70	1600
20	43	13,400	61	12,200	69.5	11,250	74.5	10,350	77.5	9550	80	7450	60	62.5	1300	67.5	1350
25	25	9700	54	9700	64	8950	70	8250	74	7650	77	7100	65	60	1100	65	1050
30			45	7900	58.5	7350	66	6650	70.5	6150	74	5850	70	57	750	63	950
35			35	6300	53	6100	61.5	5600	67	5200	71	4900	75	54.5	600	60.5	800
40			20	4600	46	5100	56.5	4750	63	4400	67.5	4250	80			58	600
45					38	4250	51.5	4050	59.5	3800	64.5	3650					
50					28.5	3400	46	3450	55	3250	61	3150					
55					14	2200	40	2900	51	2800	57.5	2650					
60							33	2350	46.5	2400	54	2300					
65							24	1800	41	2000	50	1850					
70							6.5	700	35.5	1600	46	1650					
75									29	1250	42	1350					
80									20	800	37	1050					
85											32	800					
90											25	500					
	0	5100	0	2300	0	950											

**NOTE:**

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