










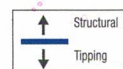
50128S LOAD CHART: Main Boom

Lifting Capacities 4-section Boom 38.5 ft. - 128 ft. - Full Outrigger Extension

 23'-3" (7.07 m) (100%)

Boom Length (ft.)	Boom Length 38.5 ft.			Boom Length 53 ft. (A)			Boom Length 66 ft. (B)			Boom Length 78 ft. (C)		
	 (ft.)	CODE 1 Over Rear (lbs.)	CODE 3 Full 360° (lbs.)	 (ft.)	CODE 1 Over Rear (lbs.)	CODE 3 Full 360° (lbs.)	 (ft.)	CODE 1 Over Rear (lbs.)	CODE 3 Full 360° (lbs.)	 (ft.)	CODE 1 Over Rear (lbs.)	CODE 3 Full 360° (lbs.)
6	73.5	100,000	100,000									
8	70.5	86,600	86,600									
10	67	76,400	76,400	74.5	51,000	51,000	78	51,000	51,000			
12	64	68,400	68,400	72.5	51,000	51,000	76.5	51,000	51,000	79	41,710	41,710
15	59	59,000	59,000	68.5	51,000	51,000	73.5	46,650	46,650	77	37,880	37,880
20	49.5	47,670	47,670	62.5	45,700	45,700	69	39,300	39,300	73	32,140	32,140
25	38.5	36,900	36,900	56	37,680	37,680	64	33,450	33,450	69	27,890	27,890
30	23.5	29,590	26,680	49.5	30,410	27,890	59	29,140	28,440	65	24,230	24,230
35				41.5	25,170	20,650	54	25,490	21,160	61	21,310	21,310
40				32	20,620	15,940	48	21,090	16,440	56.5	19,160	16,730
45				18.5	16,770	12,610	42	17,270	13,130	52	17,070	13,410
50							34.5	14,390	10,670	46.5	14,660	10,950
55							25	12,140	8,760	41	12,420	9,050
60							7	9,790	7,200	35	10,620	7,540
65										27	9,140	6,300
70										16	7,890	5,260
SJ	1,230 lbs.			890 lbs.			720 lbs.			610 lbs.		
EJR	2,840 lbs.			2,620 lbs.			2,500 lbs.			2,430 lbs.		
EJE	3,170 lbs.			2,860 lbs.			2,700 lbs.			2,600 lbs.		

Boom Length (ft.)	Boom Length 91 ft. (D)			Boom Length 103 ft. (E)			Boom Length 116 ft. (F)			Boom Length 128 ft. (G)		
	 (ft.)	CODE 1 Over Rear (lbs.)	CODE 3 Full 360° (lbs.)	 (ft.)	CODE 1 Over Rear (lbs.)	CODE 3 Full 360° (lbs.)	 (ft.)	CODE 1 Over Rear (lbs.)	CODE 3 Full 360° (lbs.)	 (ft.)	CODE 1 Over Rear (lbs.)	CODE 3 Full 360° (lbs.)
15	79	30,000	30,000									
20	76	26,010	26,010	78.5	22,790	22,790						
25	72.5	22,620	22,620	75.5	20,160	20,160	78	17,660	17,660			
30	69.5	20,000	20,000	72.5	18,080	18,080	75.5	16,060	16,060	77.5	13,000	13,000
35	66	17,710	17,710	70.5	16,070	16,070	73	14,480	14,480	75.5	12,760	12,760
40	62.5	15,740	15,740	67.5	14,360	14,360	70.5	13,050	13,050	73	11,760	11,760
45	59	14,050	13,620	64	12,900	12,900	68	11,780	11,780	71	10,800	10,800
50	55	12,620	11,150	60.5	11,610	11,290	65	10,640	10,640	68.5	10,000	10,000
55	50.5	11,380	9,250	57	10,500	9,380	62	9,890	9,490	66	9,130	9,130
60	46.5	10,340	7,740	53.5	9,760	7,870	59	8,970	7,970	63.5	8,320	8,050
65	41.5	9,340	6,510	50	8,860	6,640	56	8,160	6,740	60.5	7,570	6,820
70	36.5	8,110	5,490	46	8,060	5,620	53	7,430	5,720	58	6,910	5,790
75	30	7,060	4,620	41.5	7,190	4,750	49.5	6,780	4,860	55	6,300	4,930
80	22	6,160	3,870	37	6,300	4,020	46	6,180	4,120	52	5,750	4,190
85	7	5,290	3,200	31.5	5,520	3,380	42.5	5,620	3,480	49	5,250	3,550
90				25	4,830	2,810	38	4,940	2,920	46	4,790	3,000
95				15.5	4,210	2,300	33.5	4,340	2,430	42	4,370	2,510
100							28.5	3,800	1,990	38.5	3,870	2,070
105							21.5	3,310	1,590	34	3,390	1,680
110							7.5	2,860	1,220	29.5	2,960	1,320
115										23.5	2,560	1,000
120										15	2,200	
SJ	520 lbs.			460 lbs.			410 lbs.			370 lbs.		
EJR	2,370 lbs.			2,330 lbs.			2,300 lbs.			2,280 lbs.		
EJE	2,520 lbs.			2,460 lbs.			2,410 lbs.			2,380 lbs.		



DEDUCTIONS FROM MAIN BOOM CAPACITIES FOR STOWED JIBS

SJ = Stowed Jib,
EJR = Erected Jib Retracted,
EJE = Erected Jib Extended

NOTES:

- Loads based on crane on outriggers
- All "on outriggers" loads are based on 85% tipping
- Loads above heavy line are based on structural rating
- Loads below heavy line are based on tipping rating

Data published herein is intended as a guide only. Crane operation is subject to machine specific load charts and information.

