

## Lift chart for main boom (No. 2320.xx) 81 t counterweight and 36 t carbody counterweight

Capacities in metric tons for boom lengths (20 m – 89 m) – with 120 kN winches

Radius (m)	Boom length in (m)													
	20	26	32	38	44	50	56	62	68	74	80	86	89	
6.2	1					90.6								
7				129.1	106.8	89.2	79.4	63.5						
8			125.3	117.1	99.9	83.2	75.7	62.9	51.7	44.6				
9	119.2	110.7	110.3	103.8	88.0	77.8	71.6	59.8	50.0	44.2	37.0	30.0	25.4	
10	107.3	104.1	97.8	91.6	84.4	72.6	68.1	57.2	47.9	42.6	36.0	29.8	25.4	
12	86.8	84.7	80.5	76.7	73.1	65.0	63.4	53.2	43.7	40.1	33.3	27.8	24.8	
14	69.9	69.7	67.7	65.0	62.2	54.5	57.1	50.3	40.4	37.6	31.2	26.1	22.8	
16	58.2	58.2	58.2	56.2	53.9	51.1	49.7	45.5	37.9	35.0	29.4	24.4	21.3	
18	49.6	49.6	49.6	49.3	46.3	45.6	43.8	42.1	33.3	33.5	28.0	23.4	20.1	
20	42.9	43.1	43.0	42.8	42.2	40.6	39.0	37.5	31.7	31.7	26.4	22.6	19.1	
26		30.0	30.1	29.9	29.6	29.3	28.8	27.7	26.6	25.5	22.3	19.9	16.5	
32			22.4	22.3	22.1	21.7	21.4	21.1	20.4	19.5	18.7	17.4	14.9	
38				17.2	17.1	16.7	16.4	16.1	15.7	15.3	14.5	13.7	13.4	
44					13.4	13.2	12.9	12.5	12.2	11.8	11.3	10.7	10.4	
50						10.5	10.3	9.9	9.6	9.2	8.8	8.3	8.0	
55							8.5	8.1	7.8	7.4	7.1	6.6	6.4	
60								6.7	6.3	6.0	5.6	5.2	5.0	
65									5.1	4.7	4.4	4.0	3.8	
70										3.7	3.3	2.9	2.8	
75											2.4	2.0		

## Lift chart for main boom (No. 2320.xx) 70.8 t counterweight and 36 t carbody counterweight

Capacities in metric tons for boom lengths (20 m – 86 m) – with 120 kN winches

Radius (m)	Boom length in (m)												
	20	26	32	38	44	50	56	62	68	74	80	86	
4.1	220.0												
5	216.5	162.7	153.5										
6	190.7	156.9	150.6	139.9	113.7								
7	150.8	143.7	132.7	123.1	106.8	89.2	79.4	63.5					
8	132.7	122.3	114.7	107.3	99.9	83.2	75.7	62.9	51.7	44.6			
9	111.8	107.5	100.9	94.9	88.0	77.8	71.6	59.8	50.0	44.2	37.0	30.0	
10	101.3	95.2	89.9	84.9	80.4	72.6	68.1	57.2	47.9	42.6	36.0	29.8	
12	79.3	77.3	73.5	69.9	66.7	63.5	60.6	53.2	43.7	40.1	33.3	27.8	
14	63.7	63.8	62.0	59.2	56.6	54.2	51.9	49.6	40.4	37.6	31.2	26.1	
16	53.0	53.0	53.0	51.1	49.0	47.0	45.1	43.2	37.9	35.0	29.4	24.4	
18	45.1	45.1	45.1	44.8	43.0	41.3	39.7	38.0	33.3	33.5	28.0	23.4	
20	38.9	39.1	39.0	38.8	38.2	36.7	35.3	33.8	31.7	31.2	26.4	22.6	
26		27.1	27.2	26.9	26.7	26.4	25.9	24.8	23.8	22.7	21.7	19.9	
32			20.1	20.0	19.7	19.4	19.1	18.7	18.1	17.2	16.4	15.5	
38				15.3	15.1	14.8	14.5	14.1	13.8	13.3	12.5	11.8	
44					11.8	11.6	11.3	10.9	10.6	10.2	9.7	9.0	
50						9.1	8.8	8.5	8.1	7.7	7.4	6.8	
55							7.2	6.8	6.5	6.1	5.8	5.3	
60								5.5	5.2	4.8	4.4	4.0	
65									4.0	3.6	3.3	2.9	
70										2.7	2.3		

Above lift chart is for reference only. For actual lift duty please refer to lift chart in operator's cab or manual.