

Table 2.2 List of rated load of main arm of type SCC800C hydraulic Crawler Crane (without fly jib)

Unit: t

Working radius (m)	Arm length (m)															
	13	16	19	22	25	28	31	34	37	40	43	46	49	52	55	58
4.3	80.00															
4.5	76.00															
5.0	64.00	63.86														
5.5	60.22	60.08	59.95													
6.0	52.37	52.22	52.09													
6.5	46.3	46.14	46	45.88												
7.0	41.46	41.29	41.15	41.02	40.86											
7.5	37.51	37.34	37.2	37.07	36	36.73										
8.0	34.23	34.06	33.91	33.78	33.6	33.44	33.29									
8.5	31.46	31.29	31.14	31	30.83	30.66	30.5	30.33								
9.0	29.1	28.92	28.76	28.63	28.45	28.28	28.12	27.94	27.77							
10.0	25.26	25.07	24.92	24.78	24.59	24.42	24.26	24.08	23.9	23.73						
11.0	22.28	22.09	21.93	21.79	21.6	21.43	21.27	21.08	20.9	20.73	20.55					
12.0	19.9	19.71	19.55	19.41	19.22	19.04	18.88	18.69	18.51	18.33	18.15	17.96	17.79			
13.0		17.77	17.6	17.46	17.27	17.09	16.92	16.73	16.55	16.37	16.19	16	15.82	15.63	15.45	
14.0		16.15	15.99	15.87	15.65	15.47	15.3	15.11	14.92	14.74	14.55	14.37	14.19	14	13.81	13.62
15.0			14.62	14.47	14.27	14.09	13.93	13.73	13.55	13.36	13.18	12.99	12.81	12.62	12.43	12.23
16.0			13.44	13.29	13.1	12.29	12.75	12.55	12.37	12.18	12	11.81	11.63	11.43	11.24	11.04
18.0				11.39	11.19	11.01	10.54	10.64	10.45	10.27	10.08	9.89	9.71	9.51	9.32	9.12
20.0				9.91	9.71	9.53	9.36	9.16	8.97	8.78	8.59	8.4	8.22	8.02	7.83	7.63
22.0					8.53	8.34	8.17	7.97	7.78	7.6	7.4	7.21	7.03	6.83	6.63	6.43
24.0						7.38	7.2	7	6.81	6.63	6.43	6.24	6.05	5.85	5.63	5.37
26.0							6.4	6.2	6	5.82	5.62	5.43	5.24	4.98	4.73	4.47
28.0							5.72	5.51	5.32	5.13	4.94	4.71	4.48	4.21	3.96	3.7
30.0								4.93	4.73	4.55	4.31	4.06	3.82	3.56	3.31	3.04
32.0									4.23	4	3.74	3.49	3.25	2.99	2.74	2.47
34.0										3.5	3.25	2.99	2.76	2.49	2.24	1.97
36.0											2.81	2.56	2.32	2.05	1.8	1.53
38.0												2.17	1.93	1.67	1.41	1.14