



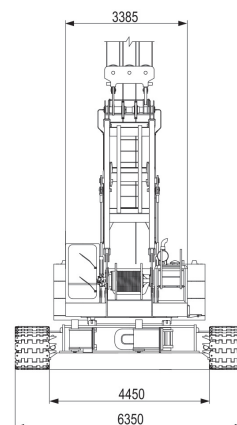
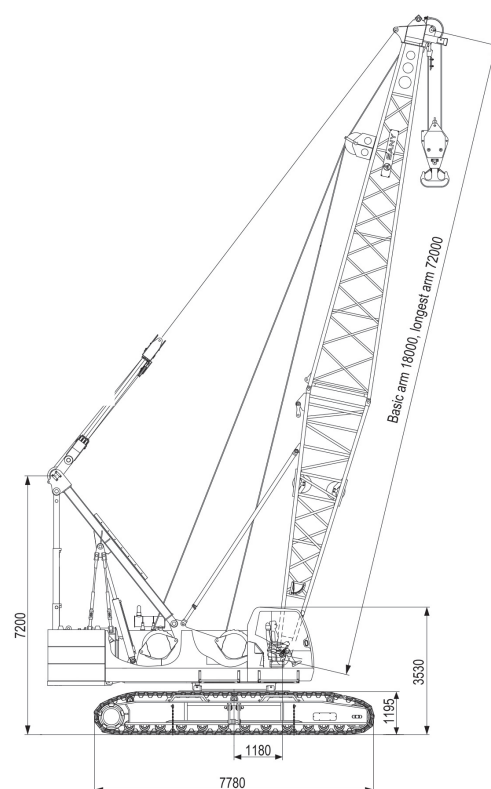
PACIFIC MARINE GROUP PTY LTD

AUSTRALIA

'Sany 100T Crawler Crane'

Sany SCC 1000C Hydraulic Crawler Crane

Attribute	Characteristic	Value
Boom operating condition	Max rated lifting capacity	100t
	Length of boom	18-72m
	Boom luffing angle	30-80°
	Max rated lifting moment	556.5t·m
Operating Condition of Fixed Jib	Fully extended boom + fully extended jib	(60+25m) / (63+19m)
	Included angle between boom and jib	15-30°
Working speed	Rope speed of main and auxiliary winch (third tier)	0-110m/min
	Rope speed of Luffing winch (fifth tier)	0-73m/min
	Slewing speed	0-1.9rpm
	Traveling speed	1.0/0.68 km/h
	Gradeability	30%
Engine	Output power/rated rotational speed	183kW / 2000rpm
Transportation parameter	Max transport weight of single piece	43.5t
	Transportation dimension	L:9500 × W:3400× H:3200mm
Other parameters	Average ground pressure (basic boom)	0.085MPa



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Load Chart of H Operating Condition

								unit: (t)
Radius(m)	Boom(m)	18	21	24	27	30	33	36
5.5		100.0	5.6/90.9					
6		92.5	90.0	6.1/80.8	6.6/70.8			
7		79.5	78.7	77.5	70.0	7.2/60.5	7.7/57.3	
8		66.0	65.7	65.5	64.6	60.0	56.6	8.2/50.5
9		55.2	55.1	54.9	54.8	54.7	54.2	50.0
10		47.5	47.3	47.2	47.1	46.9	46.8	46.6
12		36.9	36.7	36.5	36.4	36.3	36.1	36.0
14		30.1	29.8	29.6	29.5	29.3	30.2	29.1
16		25.2	25.0	24.8	24.7	24.5	24.3	24.2
18		17.5/21.7	21.5	21.2	21.1	20.9	20.8	20.7
20			19.4	18.6	18.4	18.2	18.0	17.9
22			21.1/17.1	17.0	16.3	16.1	15.9	15.8
24				22.7/14.7	14.5	14.2	14.1	14.0
26					25.4/12.8	12.7	12.6	12.5
28						28.0/11.1	11.4	11.3
30							10.5	10.3
32							30.7/9.7	9.4
34								33.3/8.6
Counterweight		42	42	42	42	42	42	42
Mutiplied Factor		14	12	10	8	7	7	7
Radius(m)	Boom(m)	39	42	45	48			
8	8.7/46.6	8.7/49.4						
9	46.2	49.0	9.3/44.2	9.3/46.9	9.8/41.2	9.8/43.7		
10	44.7	47.4	42.4	44.9	40.4	42.8	10.3/35.6	10.3/37.7
12	35.9	38.1	35.8	37.9	35.7	37.8	33.7	35.7
14	28.9	30.6	28.8	30.5	28.7	30.4	28.6	30.3
16	24.0	25.4	23.9	25.3	23.8	25.2	23.7	25.1
18	20.5	21.7	20.4	21.6	20.2	21.4	20.1	21.3
20	17.7	18.8	17.6	18.7	17.5	18.6	17.4	18.4
22	15.6	16.5	15.5	16.4	15.3	16.2	15.2	16.1
24	13.7	14.5	13.6	14.4	13.5	14.3	13.3	14.1
26	12.3	13.0	12.2	12.9	12.0	12.7	11.9	12.6
28	11.0	11.7	10.9	11.6	10.8	11.4	10.6	11.2
30	10.0	10.6	9.9	10.5	9.7	10.3	9.6	10.2
32	9.1	9.6	9.0	9.5	8.8	9.3	8.7	9.2
34	8.4	8.9	8.2	8.7	8.1	8.6	7.9	8.4
36	35.9/7.4	35.9/7.8	7.3	7.7	7.2	7.6	7.1	7.5
38			6.8	7.2	6.7	7.1	6.5	6.9
40			38.6/6.5	38.6/6.9	6.2	6.6	6.1	6.5
42					41.2/5.6	41.2/5.9	5.5	5.8
44							43.9/4.7	43.9/5.0
Counterweight	42	42+3	42	42+3	42	42+3	42	42+3
Mutiplied Factor	6		5		5		5	

- Notes: 1.The actual lifting capacity is the rated lifting capacity indicated in the table minus the weights of all hoisting tools;
2.The rated lifting capacity in the figure is the weight hoisted on a level and hard ground;
3.The 40% orange and italic parts in the table indicate the rated loads with additional counterweight, the values of 25% orange and italic parts depend on the strength of arm support ;
4.In order to prevent tip-over backward, the arm support of over 39m long must first be connected and then additional counterweight may be mounted; any arm support less than 39m long cannot use additional counterweight.