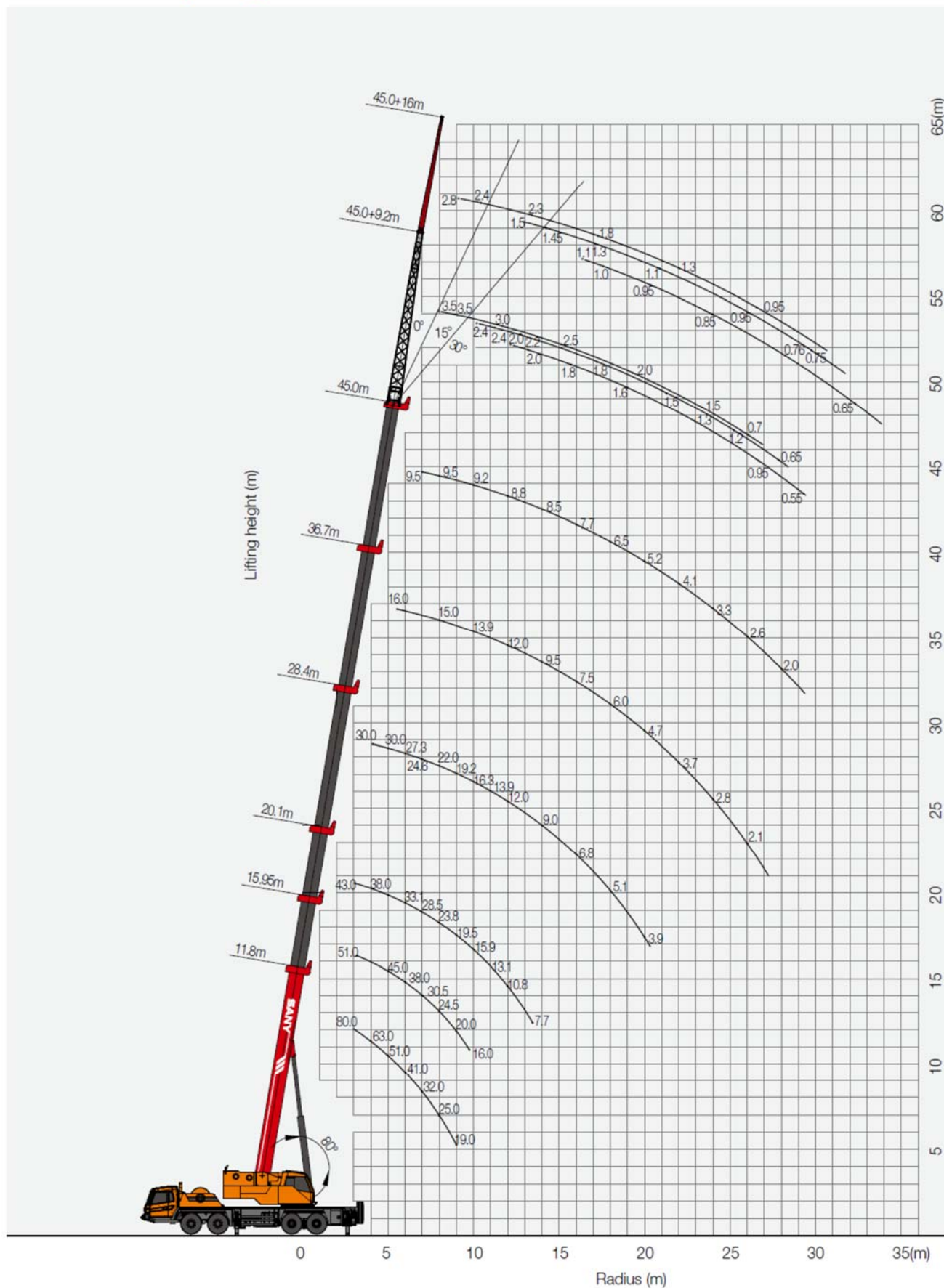


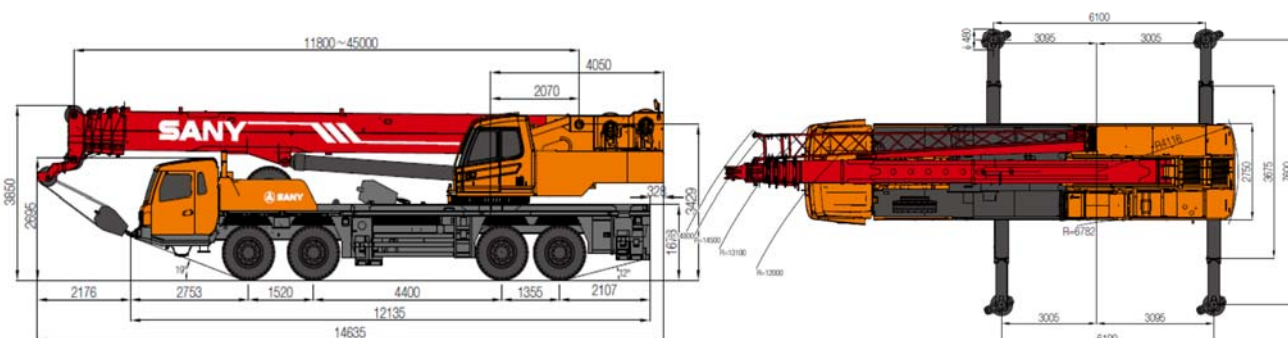
STC800 Working Ranges



Prerequisites:

- ① Boom operating conditions (fully extended boom length), min. length is 11.8m and max. length is 45m
- ② The span of outriggers is 6.1m x 7.6m
- ③ 360° rotation is applied
- ④ Counterweight is 4T

Working range(m)	Main boom						Working range(m)
	11.8	15.95	20.1	28.4	36.7	45	
3	80000	51000					3
3.5	71000	51000	43000				3.5
4	63000	51000	43000				4
4.5	56000	48000	40500	30000			4.5
5	51000	45000	38000	30000			5
5.5	46000	42000	35400	28500			5.5
6	41000	38000	33100	27300			6
6.5	36000	34000	31000	26000	16000		6.5
7	32000	30500	28500	24600	16000		7
8	25000	24500	23800	22000	15000	9500	8
9	19000	20000	19500	19200	14500	9500	9
10		16000	15900	16300	13900	9200	10
11		13000	13100	13900	13000	9000	11
12		10500	10800	12000	12000	8800	12
14			7700	9000	9500	8500	14
16			5500	6800	7500	7700	16
18			3800	5100	6000	6500	18
20				3900	4700	5200	20
22				2900	3700	4100	22
24				2100	2800	3300	24
26				1500	2100	2600	26
28					1600	2000	28
30					1200	1600	30
32					800	1200	32
34					500	900	34
36						600	36
Number of lines	12	9	9	6	5	3	Number of lines
Telescoping condition(%)							
Elevation angle of main boom	27.03°~69.8°	32.61°~75.29°	29.61°~78.41°	26.0°~79.79°	31.0°~79.74°	42.24°~79.72°	Elevation angle of main boom
2nd boom	0%	50%	100%	100%	100%	100%	2nd boom
3rd boom	0%	0%	0%	33%	66%	100%	3rd boom
4th boom	0%	0%	0%	33%	66%	100%	4th boom
Top boom	0%	0%	0%	33%	66%	100%	Top boom



Weight	Overall weight		45800 kg
	Axle load	Axle load-1,2	17500 kg
		Axle load-3,4	28300 kg
	Rated power		275 kW/ 2100 rpm
Rated torque		1500 N·m/1300-1500 rpm	