

SANY

SCC800TB



- Max Boom Length: 47m
- Fly Jib 17.5m

- Max. Lifting Capacity: 80t

- Flat Plate Tracks
- Load Moment Indicator

The Sany SCC800TB has a 47.0m robust 5 section telescopic boom that can be used under load even on rough terrain. Its 80.0t capacity make it simple and easy transport and ready to use quickly. Maximum extension of 17.5m folding fly jib. Consider the possibilities...

SPECIFICATIONS

SCC800TB

DIMENSIONS

Length	14560mm
Width 3490mm (retracted)	5100mm (extended)
Height	3640mm
Weight	86000kg

CAPACITY

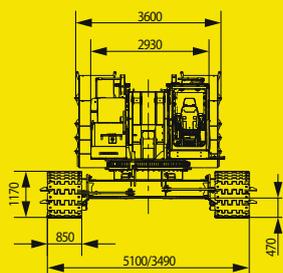
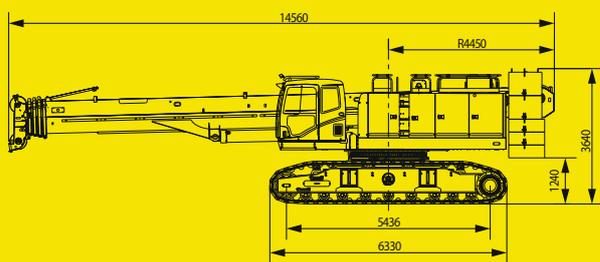
Max. capacity	80000kg at 3.0m
Max. working radius (main boom)	1800kg at 36.0m
Max. working radius (fly jib)	1000kg at 40.5m
Max. lifting height (main boom)	47.0m
Max. lifting height (fly jib)	64.0m

TRACK

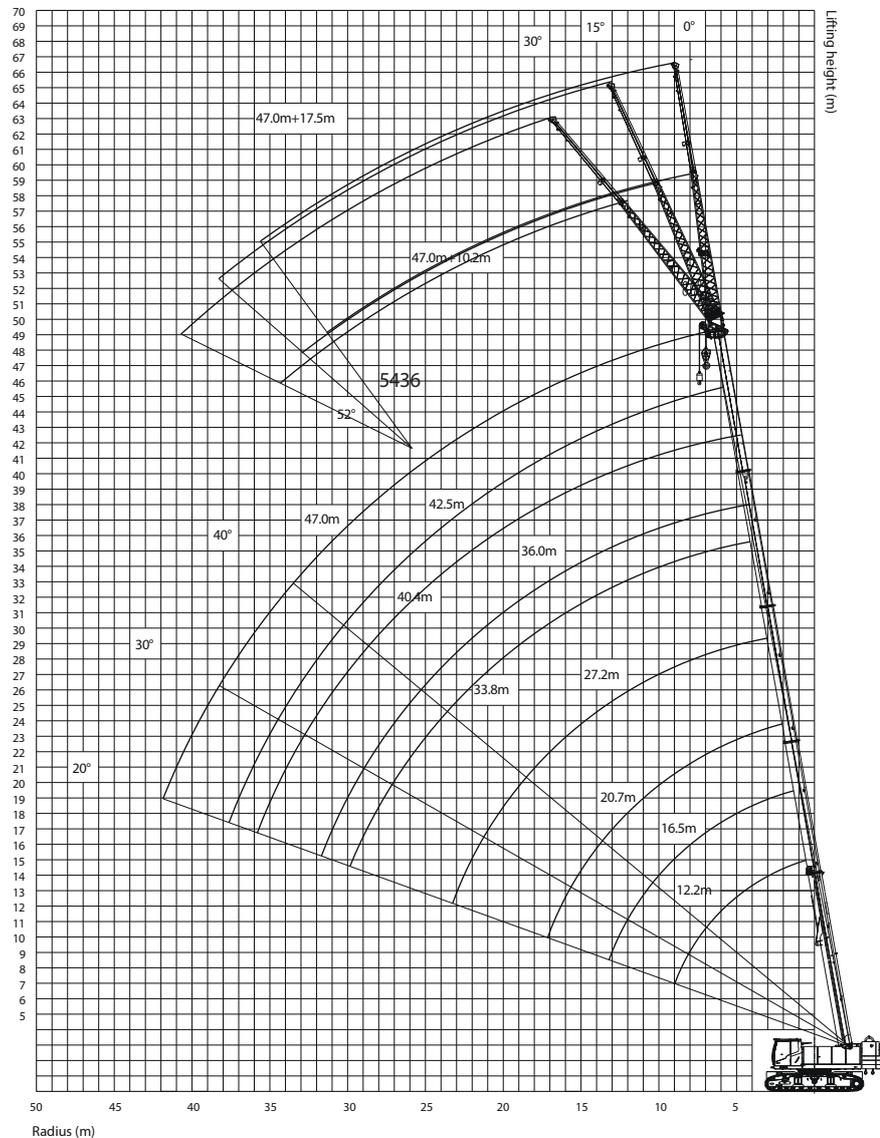
Width	850mm
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MIN. TRANSPORT WIDTH

Overall Track	3490mm
Overall Unit (Counter Weights)	3600mm
Distance of centers between drive and idle wheels	5436mm



WORKING RANGE



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BOOM LOAD CHART

SANY SCC800TB



MAIN BOOM LOAD CHART

telescopic crawler crane-H Load Chart

Radius (m)	12.2	16.5	20.9	27.2	33.8	40.4	47.0	Radius (m)
3.0	80.0	65.0						3.0
3.5	75.0	63.0						3.5
4.0	68.0	61.5	44.0					4.0
4.5	65.0	60.0	43.0					4.5
5.0	58.0	55.5	42.5	30.0	26.0			5.0
5.5	54.0	50.0	39.6	30.0	25.0			5.5
6.0	50.3	47.0	39.3	30.0	24.0	20.0		6.0
7.0	40.3	40.0	34.8	28.0	22.5	18.0		7.0
8.0	32.4	32.1	30.5	26.5	21.4	17.2		8.0
9.0	26.8	26.6	26.3	24.3	20.5	16.0	11.7	9.0
10.0		22.4	22.1	21.7	19.6	15.3	11.5	10.0
11.0		19.2	18.5	19.3	16.2	13.6	10.7	11.0
12.0		16.7	15.6	17.5	15.0	14.8	10.6	12.0
14.0			11.6	13.3	12.5	11.7	10.2	14.0
16.0				10.2	10.6	10.0	9.7	16.0
18.0				8.0	8.4	8.9	8.1	18.0
20.0				6.4	6.9	7.3	7.3	20.0
22.0				5.2	5.7	6.1	6.2	22.0
24.0					4.6	5.0	5.4	24.0
26.0					3.8	4.1	4.6	26.0
28.0					3.1	3.4	3.9	28.0
30.0						2.8	3.4	30.0
32.0						2.3	2.8	32.0
34.0						1.8	2.4	34.0
36.0							1.8	36.0
Parts of line	12	11	8	6	5	4	3	Parts of line
Min. Angle						30°	30°	Min. Angle
Telescoping Status (%)								
Telescoping Cylinder	I	I	I	III	III	III	III	Telescoping Cylinder
Section 2	0	50	100	100	100	100	100	Section 2
Section 3	0	0	0	25	50	75	100	Section 3
Section 4	0	0	0	25	50	75	100	Section 4
Section 5	0	0	0	25	50	75	100	Section 5

JIB CHART

SANY SCC800TB



FLY JIB 17.5M LOAD CHART

800TB telescopic crawler crane-jib load chart							
Boom operation angle	47+10.2m Jib			47+17.5m Jib			Boom operation angle
	0°	15°	30°	0°	15°	30°	
80°	5.5	3.8	3.3	3.3	2.0	1.5	80°
78°	5.2	3.8	3.2	3.0	1.9	1.3	78°
76°	4.9	3.7	2.9	2.7	1.8	1.3	76°
74°	4.2	3.5	2.7	2.3	1.7	1.2	74°
72°	3.6	3.3	2.6	2.1	1.6	1.2	72°
70°	3.9	3.1	2.4	1.9	1.5	1.1	70°
68°	3.5	2.9	2.3	1.8	1.4	1.1	68°
66°	3.1	2.7	2.2	1.7	1.3	1.0	66°
64°	2.7	2.5	2.1	1.6	1.2	1.0	64°
62°	2.3	2.3	2.0	1.5	1.1	1.0	62°
60°	2.0	2.0	1.8	1.4	1.0	0.9	60°
58°	1.8	1.7	1.4	1.2	0.9	0.9	58°
56°	1.6	1.4	1.2	1.1	0.9	0.8	56°
54°	1.2	1.1	1.0	0.9			54°
52°	0.9						52°
Min. protection angle	54°						Min. protection angle

Note:

1. The ratings in the load chart are complied with EN13000;
2. Work radius is the horizontal distance from load center to the swing center;
3. The weight of hook, slings and other riggings shall be deducted from the ratings to get the actual capacity;
4. The ratings are calculated when the load is freely suspended without considering the effect of wind load, ground condition, out-of-level, operation speed or any other negative effect on safety operation. Therefore, the operator has the responsibilities to judge the site condition, reduce the load and slow down the speed accordingly;
5. All ratings are calculated when the machine is on firm and level ground with less than 1% gradient;
6. The crawlers must extend during work.



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