



SCC1300TB

Telescopic Crawler Crane

Quality Changes the World



Max. lifting moment: 480t·m

Max. boom length: 60m

Max. boom + jib length: 60m+18.1m

The parameters and diagrams in the brochure is only for reference, which is subject to further update in real machine.

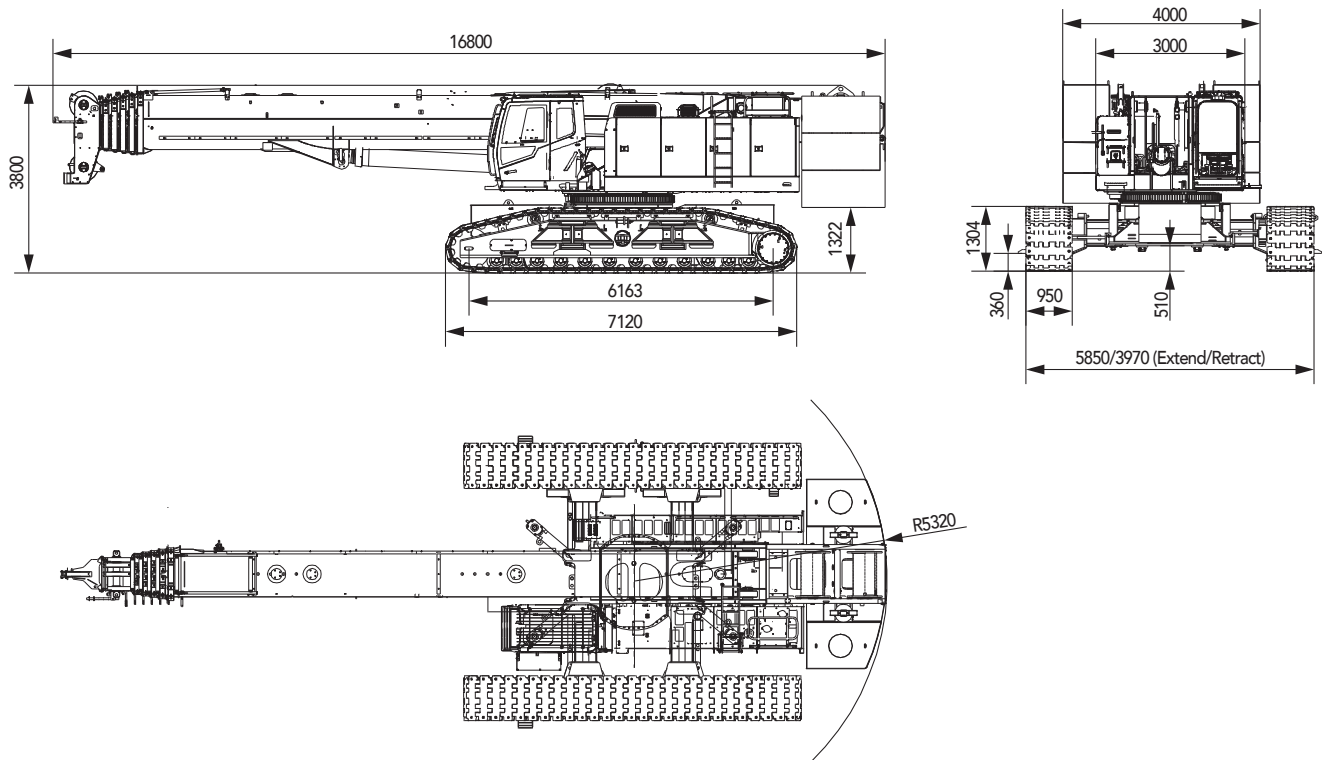
■ www.sany.com.cn

Major Performance & Specifications

Major Performance & Specifications of SCC1300TB			
Performance Indicators		Unit	Parameters
Outline	Machine length	m	16.8
	Machine width (retracted)	mm	5850/3970
	Machine height	mm	3800
	Center distance between drive and idle wheels	mm	6163
	Crawler pad width	mm	950
Boom configuration	Max. rated load capacity	t	130
	Boom length	m	13.3~60
	Boom angle	°	-1°~80°
	Max. rated load moment	t·m	480
Fixed jib configuration	Longest boom + longest jib	m	60+18.1
	Jib offset angle	°	0、15、30
Operation speed	Rope speed of main/aux. load hoist	m/min	0~130
	Boom full up/down duration	s	80/110
	Boom full extension duration	s	400/480
	Swing speed	rpm	0~1.7
	Travel speed without load	km/h	0~1.65
Engine	Model		6HK1XKSC-01
	Rated power	kW/rpm	212/2000
Wire rope	Diameter	mm	Φ 22
Transport	Machine weight	t	123
	Largest single piece weight	t	48(Remove main and aux. hook)
	Transport dimension (LxWxH)	m	16.8×3.0×3.27
Others	Average ground pressure	MPa	1.05
	Min. swing radius	mm	5320

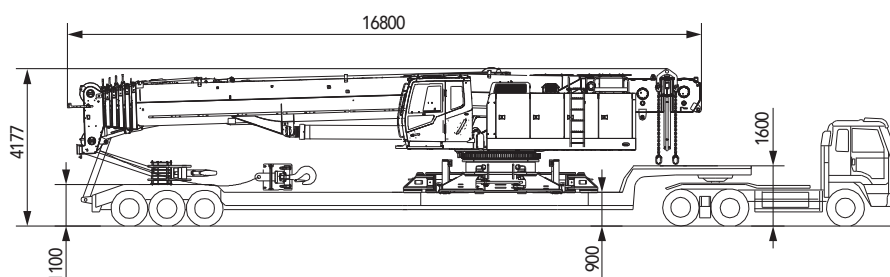
Major Parts Supplier		
SN	Components	Components
1	Engine	Isuzu
2	Travel gearbox	Nabtesco
3	Winch gearbox	Brevini
4	Travel motor	Danfoss
5	Swing gearbox	Rexroth/O&K
6	Main pump	Danfoss
7	Gear pump	Casappa
8	Swing bearing	C&U

Overall Dimension

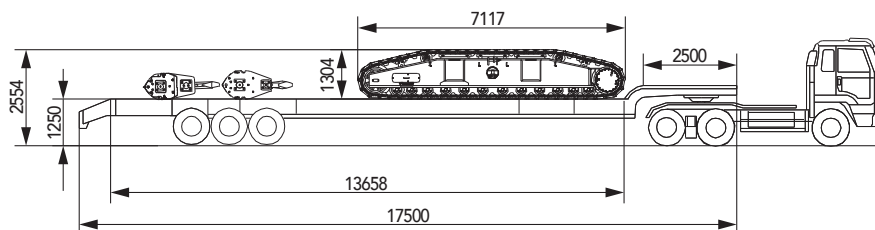


Transport Plan

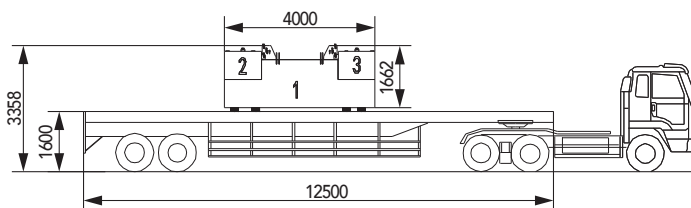
49t: basic machine (48t)+ 80t hook block (0.7t) + 12.5t ball hook (0.3t)



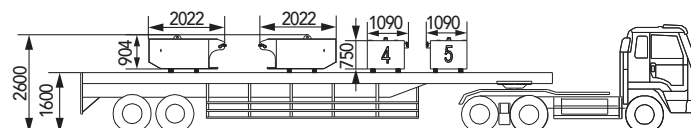
26t: crawler(11.6tx2) + 130t hook block (1.5t)+100t hook (1.3t)



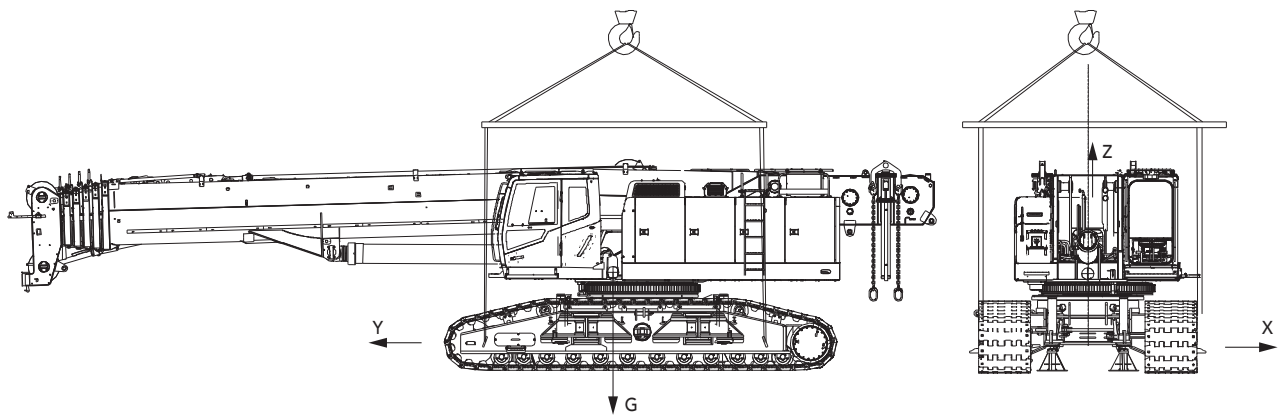
28t: rear counterweight block 1 (20t) + rear counterweight block 2 (4t) + rear counterweight block 3 (4t)



20t: carbody counterweight block 1 (6tx2) + rear counterweight block 4 (4t) + rear counterweight block 5(4t)



Shipping Transport Plan



Load Chart

SCC1300TB Telescopic Crawler Crane Load Chart													
Radius (m)	13.3	17.6	21.9	26.2	30.5	34.8	39.1	43.4	47.7	52	56.3	60	Radius (m)
3	130	110											3
3.5	125	103											3.5
4	116	99	91	77									4
4.5	106	93	86	73	63								4.5
5	96	88	78	69	57.7	52.5							5
6	80	78	71	62.5	56.0	47.2	39.9						6
7	69	70.6	65	58	53	45	38.3	29.9					7
8	55.8	56.5	56.2	52	48.8	42.4	36.7	29.4	26.2				8
9	46	46.7	46.4	47.2	45.7	39.2	34.1	28.8	25.2				9
10	38.8	39.5	39.2	40.1	41	37.4	31.5	27.8	23.1	18.9			10
11		34	33.7	34.5	34.7	34.5	31	26.0	22.0	18.2			11
12		29.6	29.3	30.1	30.3	30.6	29	24.8	21.6	17.3	16.3	12.5	12
14		23.1	22.9	23.6	23.8	24.1	24.9	21.8	19.7	16	14.1	11.3	14
16			18.3	19.1	19.2	19.5	20.3	20.3	17.9	14.7	13.6	10.8	16
18			14.9	15.7	15.8	16.1	16.9	16.9	16.2	13.7	12.5	10.0	18
20				14	14	14.1	14.2	14.2	14.4	13	12	9.5	20
22				12	12.5	12	12.1	12.1	12.3	12.0	11.5	8.7	22
24					10.8	10.5	10.4	10.4	10.6	10.9	11	8.5	24
26					9.2	9	9	9	9.2	9.5	10.5	8.0	26
28					7	7.5	7.7	7.8	7.9	8.3	8.6	6.9	28
30						7.2	7.2	7.1	7.1	7.2	7.6	6.7	30
32						6.5	6.5	6.4	6.3	6.4	6.7	5.9	32
34							6	6.1	6	6	6	5.4	34
36							5.5	5.2	5.3	5.2	5.2	4.8	36
38							5.0	5	5	5	5	4.2	38
40								4	4	4.1	4.1	3.7	40
42									3.3	3.2	3.6	3.2	42
44									3	2.8	3.1	2.6	44
46										2.4	2.7	2.5	46
48										2	2.3	2.2	48
50											2	1.9	50
52											1.7	1.6	52
54												1.4	54
56												1.1	56
II	0	0	46	46	46	92	92	92	92	92	92	100	II
III	0	46	46	46	92	46	46	92	92	92	92	100	III
IV	0	0	0	46	46	46	46	46	92	92	92	100	IV
V	0	0	0	0	0	46	46	46	46	92	92	100	V
VI	0	0	0	0	0	0	46	46	46	46	92	100	VI
Parts of line	12	12	10	8	5	5	4	3	3	2	2	2	Parts of line

Note: This is preliminary load chart only for reference, which may vary slightly from actual load capacity of machine.
Refer to product manual for actual load chart.



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— Agent information —

Due to updated technology, the technical parameters and configurations are subject to change without prior notice. The machine in the picture may include additional equipment. This album is for reference only, subject to the object.

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