



## ◆ Boom Load Charts of H Operating Condition

SCC3000US Boom Load Chart (without extension arm, but including standard counterweight and additional counterweight)

Unit: t

Amplitude (m)	Boom length (m)														Amplitude (m)
	16.5	19.5	22.5	25.5	28.5	31.5	34.5	37.5	40.5	43.5	46.5	49.5			
4	4.8/272.1														4
5	250.0	250.0	5.4/235												5
6	239.8	224.9	222.3	5.9/221.8	6.6/203.8										6
7	206.1	202.0	204.0	200.9	189.5	7.1/171	7.7/162								7
8	176.3	176.0	174.8	171.0	166.8	160.0	153.9	8.2/150	8.7/138.9						8
9	153.9	153.3	151.8	148.7	143.8	140.5	135.2	134.8	127.2	9.2/120.2	9.8/113.2				9
10	136.3	135.9	135.2	131.3	127.4	124.0	121.5	120.0	119.5	110.7	110.1	10.3/105.1	10.3/105.1		10
12	106.6	106.5	106.2	106.0	103.4	103.5	102.0	99.6	97.7	97.6	95.6	87.2	87.2		12
14	85.6	85.6	85.4	85.3	85.0	84.6	83.0	82.6	82.2	81.4	80.2	74.1	74.1		14
16	15.9/59.8	71.2	71.0	71.0	70.7	70.4	70.4	69.8	69.7	69.3	68.7	64.2	67.0		16
18		60.5	60.4	60.5	60.3	60.0	60.0	59.7	59.3	58.8	58.7	56.3	58.8		18
20		18.5/55.2	52.4	52.3	52.2	52.1	52.0	52.0	51.7	51.6	50.9	50.0	52.2		20
22			21.1/45.4	46.0	45.9	45.6	45.7	45.4	45.5	45.2	45.1	44.3	46.3		22
24				23.7/40.8	40.7	40.5	40.5	40.4	40.4	40.1	40.1	39.2	41.0		24
26					36.4	36.8	36.3	36.0	36.1	35.8	35.6	35.0	36.7		26
28					26.3/34.4	33.4	32.7	32.5	32.5	32.2	32.2	31.5	33.0		28
30						28.9/30.2	29.8	29.5	29.4	29.2	29.0	28.4	29.9		30
32							31.5/27.2	27.1	27.0	26.5	26.3	25.8	27.2		32
34								24.7	24.5	24.2	24.0	23.5	24.8		34
36									22.5	22.1	22.0	21.5	22.7		36
38									36.7/20.9	21.1	20.3	19.7	20.8		38
40										39.3/20.5	19.2	18.1	19.2		40
42											41.9/17.2	16.7	17.7		42
44												15.4	16.3		44
46												44.5/14.4	44.5/15.8		46
48															48
50															50
52															52
54															54
Counterweight (t)	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2+5.8	

Notes: The 40% grey and italic parts in the table indicate the rated loads with additional counterweight, the values of 25% grey and italic parts depend on the strength of arm support

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



**SCC3000US Boom Load Chart (without extension arm, but including standard counterweight and additional counterweight)**

Unit: t

Amplitude (m)	Boom length (m)												Amplitude (m)
	52.5		55.5		58.5		61.5		64.5		67.5		
8													8
9													9
10	<i>10.8/100.5</i>	<i>10.8/100.5</i>	<i>11.4/89.4</i>	<i>11.4/89.4</i>	<i>11.9/84.5</i>	<i>11.9/84.5</i>							10
12	85.1	85.1	83.1	83.1	81.2	81.2	12.4/81.5	12.4/81.5	12.9/76.0	12.9/76.0	13.5/70.9	13.5/70.9	12
14	72.5	72.5	70.9	70.9	69.4	69.4	67.9	67.9	66.4	66.4	64.9	64.9	14
16	62.8	65.5	61.4	64.1	60.2	60.2	59.0	59.0	57.7	57.7	56.4	56.4	16
18	55.1	57.6	54.0	56.4	53.0	55.4	51.8	54.2	50.7	53.1	49.6	51.9	18
20	48.9	51.2	47.9	50.1	47.0	49.2	46.0	48.2	45.0	47.2	44.1	46.2	20
22	43.8	45.8	42.8	44.9	42.1	44.1	41.2	43.2	40.3	42.2	39.4	41.3	22
24	38.9	40.7	38.6	40.4	37.9	39.8	37.1	38.9	36.3	38.1	35.5	37.2	24
26	34.7	36.4	34.4	36.0	34.2	35.8	33.6	35.3	32.8	34.5	32.1	33.7	26
28	31.2	32.7	30.8	32.4	30.6	32.2	30.3	31.8	29.8	31.4	29.1	30.7	28
30	28.1	29.6	27.8	29.2	27.6	29.0	27.3	28.7	27.0	28.4	26.5	28.0	30
32	25.5	26.9	25.2	26.5	25.0	26.3	24.7	26.0	24.4	25.7	24.0	25.4	32
34	23.3	24.5	22.9	24.2	22.7	24.0	22.4	23.7	22.1	23.3	21.8	23.0	34
36	21.2	22.4	20.9	22.1	20.7	21.9	20.4	21.6	20.1	21.3	19.8	20.9	36
38	19.5	20.6	19.1	20.2	19.0	20.1	18.6	19.7	18.3	19.4	18.0	19.1	38
40	17.9	18.9	17.5	18.6	17.4	18.4	17.0	18.1	16.7	17.8	16.4	17.4	40
42	16.4	17.4	16.1	17.1	15.9	16.9	15.6	16.6	15.3	16.3	15.0	16.0	42
44	15.1	16.0	14.8	15.7	14.6	15.6	14.3	15.3	14.0	14.9	13.7	14.6	44
46	13.9	14.8	13.6	14.5	13.5	14.3	13.1	14.0	12.8	13.7	12.5	13.4	46
48	<i>47.1/12.2</i>	<i>47.1/13.6</i>	12.5	13.4	12.4	13.2	12.1	12.9	11.8	12.6	11.4	12.3	48
50			<i>49.7/11.1</i>	<i>49.7/12.1</i>	11.4	12.2	11.1	11.9	10.8	11.6	10.4	11.3	50
52					10.5	11.2	10.2	10.9	9.9	10.6	9.5	10.3	52
54					<i>52.3/9.3</i>	<i>52.3/10.4</i>	9.3	10.1	9.0	9.8	8.7	9.4	54
56							<i>54.9/8.1</i>	<i>54.9/8.9</i>	8.3	9.0	8.0	8.6	56
58									<i>57.5/7.2</i>	<i>57.5/8.0</i>	7.4	7.9	58
60											<i>59.9/6.6</i>	<i>59.9/7.0</i>	60
Counterweight (t)	85.2	85.2+5.8	85.2	85.2+5.8	85.2	85.2+5.8	85.2	85.2+5.8	85.2	85.2+5.8	85.2	85.2+5.8	

Notes: The 40% grey and italic parts in the table indicate the rated loads with additional counterweight, the values of 25% grey and italic parts depend on the strength of arm support

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



SCC3000US hydraulic crawler crane

SCC3000US Boom Load Charts (without extension arm, but including standard counterweight and additional counterweight)

Unit: t

Amplitude (m)	Boom length (m)												Amplitude (m)
	70.5		73.5		76.5		79.5		82.5		85.5		
12													12
14	63.5	63.5	14.5/59.0	14.5/59.0	15.1/53.6	15.1/53.6	15.6/46.7	15.6/46.7					14
16	55.3	55.3	54.1	54.1	52.2	52.2	46.4	46.4	16.1/46.1	16.1/46.1	16.6/40.9	16.6/40.9	16
18	48.7	50.9	47.6	49.9	46.6	46.6	44.8	44.8	42.3	42.3	39.6	39.6	18
20	43.2	45.3	42.3	44.3	41.3	43.4	40.4	42.4	39.6	39.6	39.3	39.3	20
22	38.6	40.6	37.8	39.7	36.9	38.8	36.1	38.0	35.3	37.2	36.4	36.4	22
24	34.8	36.5	34.0	35.7	33.2	34.9	32.4	34.1	31.7	33.4	31.0	32.7	24
26	31.4	33.1	30.7	32.3	30.0	31.6	29.2	30.8	28.6	30.2	27.9	29.5	26
28	28.5	30.1	27.8	29.4	27.1	28.6	26.4	27.9	25.8	27.3	25.2	26.7	28
30	26.0	27.4	25.3	26.7	24.7	26.1	24.0	25.4	23.4	24.8	22.8	24.2	30
32	23.7	25.1	23.1	24.4	22.5	23.8	21.8	23.2	21.3	22.6	20.7	22.0	32
34	21.5	22.8	21.1	22.4	20.5	21.8	19.9	21.1	19.4	20.6	18.8	20.0	34
36	19.5	20.7	19.2	20.4	18.7	19.9	18.1	19.3	17.7	18.8	17.1	18.3	36
38	17.8	18.9	17.4	18.5	17.1	18.2	16.6	17.7	16.1	17.2	15.5	16.7	38
40	16.2	17.2	15.9	16.9	15.5	16.6	15.1	16.2	14.7	15.8	14.1	15.2	40
42	14.8	15.7	14.4	15.4	14.1	15.1	13.8	14.7	13.4	14.4	12.9	13.9	42
44	13.5	14.4	13.1	14.1	12.8	13.7	12.5	13.4	12.2	13.2	11.7	12.7	44
46	12.3	13.2	12.0	12.9	11.6	12.5	11.3	12.2	11.1	11.9	10.6	11.6	46
48	11.2	12.1	10.9	11.7	10.6	11.4	10.2	11.1	10.0	10.8	9.6	10.5	48
50	10.2	11.0	9.9	10.7	9.6	10.4	9.2	10.1	9.0	9.8	8.7	9.5	50
52	9.3	10.1	9.0	9.8	8.7	9.5	8.3	9.1	8.1	8.9	7.8	8.5	52
54	8.5	9.2	8.2	8.9	7.9	8.6	7.6	8.3	7.3	8.0	7.0	7.7	54
56	7.7	8.4	7.4	8.1	7.2	7.8	6.9	7.5	6.6	7.2	6.4	6.9	56
58	7.1	7.7	6.8	7.4	6.5	7.0	6.2	6.7	6.0	6.5	5.7	6.1	58
60	6.5	7.0	6.2	6.7	6.0	6.3	5.7	6.0	5.4	5.8	5.1	5.4	60
62	5.9	6.3	5.7	6.0	5.4	5.7	5.1	5.4	4.8	5.1	4.6	4.8	62
64	62.7/5.3	62.7/6.0	5.1	5.4	4.9	5.2	4.6	4.9	4.3	4.5	4.0	4.3	64
66			65.3/4.5	65.3/4.9	4.4	4.7	4.1	4.4	3.8	4.1	3.5	3.8	66
68					67.9/4.1	67.9/4.3	3.7	3.9	3.3	3.6	3.1	3.3	68
70							3.5	3.5	2.9	3.2	2.7	2.9	70
72									2.5	2.8	2.3	2.5	72
Counterweight (t)	85.2	85.2+5.8	85.2	85.2+5.8	85.2	85.2+5.8	85.2	85.2+5.8	85.2	85.2+5.8	85.2	85.2+5.8	

Notes: The 40% grey and italic parts in the table indicate the rated loads with additional counterweight, the values of 25% grey and italic parts depend on the strength of arm support  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



SCC3000US Boom Load Chart (without extension arm, but including standard counterweight and additional counterweight)

Amplitude (m)	Boom length (m)				Amplitude (m)
	88.5		91.5		
12					12
14					14
16	<b>17.2/34.4</b>	<b>17.2/34.4</b>	<b>17.7/33.1</b>	<b>17.7/33.1</b>	16
18	<b>33.4</b>	<b>33.4</b>	<b>30.9</b>	<b>30.8</b>	18
20	<b>32.2</b>	<b>32.2</b>	<b>29.9</b>	<b>29.9</b>	20
22	<b>30.1</b>	<b>30.1</b>	<b>28.3</b>	<b>28.3</b>	22
24	<b>28.9</b>	<b>28.9</b>	<b>27.1</b>	<b>27.1</b>	24
26	<b>27.7</b>	<b>27.7</b>	<b>25.1</b>	<b>25.1</b>	26
28	<b>24.5</b>	<b>26.0</b>	<b>24.8</b>	<b>24.8</b>	28
30	<b>22.1</b>	<b>22.5</b>	<b>22.9</b>	<b>22.9</b>	30
32	<b>20.1</b>	<b>21.4</b>	<b>19.5</b>	<b>20.0</b>	32
34	<b>18.2</b>	<b>18.5</b>	<b>17.6</b>	<b>18.1</b>	34
36	<b>16.5</b>	<b>16.8</b>	<b>15.9</b>	<b>16.4</b>	36
38	<b>15.0</b>	<b>15.3</b>	<b>14.5</b>	<b>14.9</b>	38
40	<b>13.6</b>	<b>13.9</b>	<b>13.1</b>	<b>13.5</b>	40
42	<b>12.3</b>	<b>12.7</b>	<b>11.9</b>	<b>12.3</b>	42
44	<b>11.2</b>	<b>11.6</b>	<b>10.8</b>	<b>11.2</b>	44
46	<b>10.1</b>	<b>10.5</b>	<b>9.8</b>	<b>10.1</b>	46
48	<b>9.1</b>	<b>9.5</b>	<b>8.8</b>	<b>9.2</b>	48
50	<b>8.2</b>	<b>8.6</b>	<b>7.9</b>	<b>8.3</b>	50
52	<b>7.4</b>	<b>7.8</b>	<b>7.1</b>	<b>7.5</b>	52
54	<b>6.7</b>	<b>7.0</b>	<b>6.4</b>	<b>6.7</b>	54
56	<b>6.0</b>	<b>6.3</b>	<b>5.7</b>	<b>6.0</b>	56
58	<b>5.3</b>	<b>5.6</b>	<b>5.1</b>	<b>5.4</b>	58
60	<b>4.8</b>	<b>5.0</b>	<b>4.5</b>	<b>4.7</b>	60
62	<b>4.2</b>	<b>4.5</b>	<b>3.9</b>	<b>4.2</b>	62
64	<b>3.7</b>	<b>4.0</b>	<b>3.4</b>	<b>3.7</b>	64
66	<b>3.2</b>	<b>3.5</b>	<b>2.9</b>	<b>3.1</b>	66
68	<b>2.7</b>	<b>3.0</b>	<b>2.4</b>	<b>2.7</b>	68
70	<b>2.4</b>	<b>2.6</b>			70
Counterweight (t)	<b>85.2</b>	<b>85.2+5.8</b>	<b>85.2</b>	<b>85.2+5.8</b>	

Note: the 40% grey part with italic figure indicates the rated load when additional counterweight is assembled, and the bold box with 25% grey scale indicates that the regional load value is dependent on strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



## ◆ Fixed Jib Load Charts of FJ Operating Condition



Load Chart of SCC3000US Fixed Jib Operating Condition (without main hook, counterweight 85.2+5.8t)

No main hook, jib deflection angle: 10°														
(Unit: t)														
Boom length (m)	28.5				40.5				52.5				Boom length (m)	
Jib length (m)	13	19	25	31	13	19	25	31	13	19	25	31	Jib length (m)	
Load radius (m)														Load radius (m)
10	10.4/27.3												10	
12	26.0	12.3/22.0			12.2/27.3								12	
14	24.8	20.8	14.3/12.3		26.3	14.2/22.1			14.1/27.3				14	
16	23.5	19.7	12.0	16.2/7.0	25.3	21.0	16.2/12.5		26.4	16.1/22.0			16	
18	22.2	18.8	11.4	6.6	24.4	20.1	12.0	18.1/7.9	25.6	21.1	12.5		18	
20	21.1	17.9	10.9	6.3	23.6	19.3	11.6	6.7	24.9	20.3	12.1	7.0	20	
22	20.2	17.1	10.5	6.0	22.7	18.6	11.2	6.4	24.0	19.7	11.7	6.7	22	
24	19.3	16.4	10.1	5.7	21.9	17.9	10.8	6.1	23.3	19.0	11.3	6.4	24	
26	18.5	15.7	9.6	5.4	21.2	17.2	10.4	5.9	22.5	18.5	11.0	6.2	26	
28	17.6	14.6	9.3	5.2	20.4	16.7	10.1	5.6	21.9	17.9	10.7	6.0	28	
30	17.0	13.7	8.9	5.0	19.8	16.2	9.8	5.4	21.3	17.3	10.4	5.8	30	
32	16.4	12.9	8.6	4.8	19.1	15.5	9.4	5.2	20.7	16.9	10.1	5.6	32	
34	15.8	12.1	8.3	4.6	18.4	14.7	9.1	5.0	20.1	16.4	9.8	5.4	34	
36	15.2	11.5	8.0	4.4	17.6	13.9	8.9	4.9	19.6	16.0	9.5	5.2	36	
38	37.1/14.8	10.9	7.8	4.2	17.0	13.3	8.6	4.7	18.1	15.4	9.3	5.1	38	
40		10.5	7.4	4.0	16.4	12.6	8.4	4.5	16.7	14.7	9.0	4.9	40	
42		10.0	7.2	3.9	15.8	12.0	8.1	4.4	15.5	14.1	8.8	4.8	42	
44		42.9/9.9	7.0	3.7	15.2	11.6	7.9	4.2	14.4	13.5	8.6	4.6	44	
46			6.9	3.6	14.5	11.1	7.7	4.1	13.4	13.0	8.4	4.5	46	
48			6.7	3.4	47.7/13.5	10.7	7.4	3.9	12.4	12.4	8.2	4.3	48	
50			48.9/6.7	3.3		10.4	7.3	3.8	11.6	12.0	8.0	4.2	50	
52				3.2		10.0	7.1	3.7	10.9	11.3	7.8	4.1	52	
54				3.1		53.4/9.8	7.0	3.6	10.2	10.6	7.7	4.0	54	
56				54.6/3.1			6.8	3.5	9.6	10.0	7.4	3.9	56	
58							6.7	3.4	9.0	9.4	7.3	3.8	58	
60							59.4/6.6	3.3	58.3/8.9	8.8	7.2	3.7	60	
62								3.2		8.3	7.0	3.6	62	
64								3.1		64.0/7.9	6.9	3.5	64	
66								65.2/3.1			6.8	3.4	66	
68											6.7	3.3	68	
70											70.0/6.6	3.3	70	
72												3.2	72	
74												3.1	74	
76												75.7/3.1	76	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



**Load Chart of SCC3000US Fixed Jib Operating Condition (without main hook, counterweight 85.2+5.8t)**

No main hook, jib deflection angle: 10°											
(Unit: t)											
Boom length (m)		64.5				76.5				Boom length (m)	
Load radius (m)	Jib length (m)	13	19	25	31	13	19	25	31	Jib length (m)	Load radius (m)
		16	27.3					17.3/27.3			
18	26.5	22.0	19.9/12.5			27.2	19.8/22.0				18
20	25.8	21.1	12.4	21.7/6.9		26.6	21.8	21.8/12.5			20
22	25.2	20.5	12.1	6.9		26.0	21.2	12.4	23.7/6.8		22
24	24.6	19.9	11.8	6.7		25.4	20.6	12.1	6.9		24
26	24.0	19.4	11.5	6.5		24.9	20.1	11.8	6.7		26
28	23.5	18.8	11.2	6.3		24.4	19.6	11.5	6.5		28
30	22.8	18.4	10.9	6.1		22.1	19.1	11.3	6.3		30
32	22.1	17.9	10.6	5.9		20.3	18.7	11.0	6.1		32
34	20.2	17.4	10.4	5.7		18.7	18.3	10.8	6.0		34
36	18.5	17.0	10.1	5.5		17.2	17.9	10.5	5.8		36
38	16.9	16.6	9.9	5.4		15.8	16.2	10.3	5.7		38
40	15.6	16.0	9.6	5.2		14.5	15.0	10.1	5.5		40
42	14.4	14.8	9.4	5.1		13.3	13.8	9.9	5.4		42
44	13.3	13.8	9.2	5.0		12.1	12.6	9.7	5.2		44
46	12.2	12.8	9.0	4.8		11.1	11.6	9.5	5.1		46
48	11.3	11.8	8.8	4.7		10.2	10.7	9.3	5.0		48
50	10.5	10.9	8.6	4.6		9.4	9.9	9.0	4.9		50
52	9.8	10.2	8.4	4.5		8.7	9.1	8.9	4.7		52
54	9.1	9.5	8.2	4.3		8.0	8.4	8.7	4.6		54
56	8.4	8.9	8.1	4.2		7.2	7.8	8.4	4.5		56
58	7.9	8.3	7.9	4.1		6.6	7.1	7.8	4.4		58
60	7.2	7.7	7.8	4.0		6.1	6.5	7.1	4.3		60
62	6.7	7.1	7.7	3.9		5.6	6.0	6.6	4.2		62
64	6.2	6.6	7.1	3.8		5.1	5.5	6.1	4.1		64
66	5.8	6.2	6.7	3.7		4.7	5.1	5.6	4.0		66
68	5.4	5.8	6.3	3.7		4.2	4.6	5.2	3.9		68
70	68.8/5.2	5.4	5.8	3.6		3.8	4.2	4.8	3.9		70
72		5.0	5.5	3.5		3.5	3.9	4.4	3.8		72
74		4.7	5.1	3.4		3.1	3.5	4.1	3.7		74
76		74.6/4.6	4.8	3.4		2.8	3.2	3.7	3.6		76
78			4.4	3.3		2.4	2.9	3.4	3.6		78
80			4.1	3.2		79.3/2.2	2.6	3.1	3.4		80
82			80.5/4.1	3.2			2.2	2.8	3.1		82
84				3.1			1.9	2.4	2.8		84
86				3.1			85.1/1.8	2.2	2.6		86
88				86.3/3.1				1.9	2.2		88
90								1.7	2.0		90
92								91.1/1.5	1.7		92
94									1.5		94
96									1.3		96
98									96.8/1.2		98

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

- Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Fixed Jib Operating Condition (without main hook, counterweight 85.2+5.8t)

No hook, jib deflection angle: 30°														
(Unit: t)														
Boom length (m)	28.5				40.5				52.5				Boom length (m)	
Jib length (m)	13	19	25	31	13	19	25	31	13	19	25	31	Jib length (m)	
Load radius (m)														Load radius (m)
14	14.3/19.9												14	
16	19.1	18.1/13.8			16.2/19.8								16	
18	18.3	13.8			19.2	20.0/13.8			18.1/19.8				18	
20	17.1	13.8	21.9/8.4		18.8	13.8			19.3	21.8/13.8			20	
22	16.2	13.4	8.4		17.9	13.8	23.3/8.4		18.9	13.8			22	
24	15.5	12.9	8.1	25.6/4.3	17.1	13.5	8.3		18.4	13.8	25.6/8.4		24	
26	14.8	12.2	7.8	4.2	16.4	13.3	8.1	27.5/4.3	17.6	13.6	8.3		26	
28	14.2	11.6	7.5	4.1	15.8	12.8	7.9	4.2	17.0	13.4	8.1	29.4/4.3	28	
30	13.7	11.1	7.3	3.9	15.2	12.2	7.7	4.1	16.5	13.2	8.0	4.2	30	
32	13.2	10.6	7.1	3.8	14.8	11.8	7.4	3.9	16.0	12.6	7.8	4.1	32	
34	13.0	10.2	6.9	3.6	14.3	11.3	7.3	3.8	15.5	12.2	7.5	4.0	34	
36	12.8	9.9	6.7	3.5	13.9	11.0	7.1	3.7	15.1	11.9	7.4	3.9	36	
38	37.8/12.4	9.6	6.6	3.4	13.6	10.6	6.9	3.6	14.7	11.5	7.2	3.8	38	
40		9.4	6.4	3.3	13.3	10.3	6.8	3.5	14.4	11.2	7.1	3.7	40	
42		9.2	6.3	3.2	13.1	10.1	6.7	3.4	14.0	10.9	7.0	3.6	42	
44		9.1	6.3	3.1	12.9	9.8	6.6	3.3	13.8	10.6	6.9	3.5	44	
46		44.2/9.1	6.2	3.0	12.6	9.6	6.5	3.2	13.5	10.4	6.8	3.4	46	
48			6.2	2.9	12.6	9.4	6.4	3.2	12.8	10.2	6.7	3.3	48	
50			6.2	2.9	48.4/12.6	9.3	6.3	3.1	11.9	9.9	6.6	3.3	50	
52			50.3/6.2	2.8		9.2	6.2	3.0	11.1	9.7	6.5	3.2	52	
54				2.8		9.1	6.2	3.0	10.4	9.6	6.4	3.1	54	
56				2.8		54.8/9.1	6.2	2.9	9.7	9.4	6.3	3.1	56	
58				56.4/2.8			6.2	2.8	9.1	9.3	6.3	3.0	58	
60							6.2	2.8	59.0/8.8	9.2	6.2	3.0	60	
62							60.9/6.2	2.8		8.6	6.2	2.9	62	
64								2.8		8.1	6.1	2.9	64	
66								2.8		65.4/7.7	6.1	2.9	66	
68								67.0/2.8			6.1	2.8	68	
70											6.1	2.8	70	
72											71.5/6.1	2.8	72	
74												2.8	74	
76												2.8	76	
78												77.6/2.8	78	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.





Load Charts of SCC3000US Fixed Jib Operating Condition (without main hook, counterweight 85.2+5.8t)

No hook, jib deflection angle: 30°															
(Unit: t)															
Boom length (m)	64.5				76.5								Boom length (m)		
	Jib length (m)	13	19	25	31	13	19	25	31						Jib length (m)
20	20.0/19.8					21.8/19.7									20
22	19.3	23.7/13.8				19.6									22
24	19.0	13.8				19.3	25.6/13.8								24
26	18.7	13.8	27.5/8.4			19.1	13.8								26
28	18.1	13.7	8.3			18.8	13.8	29.4/8.3							28
30	17.5	13.5	8.1	31.3/4.2		18.4	13.7	8.3							30
32	17.0	13.3	8.0	4.2		17.9	13.5	8.1	33.2/4.2						32
34	16.5	13.1	7.8	4.1		17.3	13.4	8.0	4.2						34
36	16.1	12.6	7.7	4.0		16.9	13.2	7.9	4.1						36
38	15.7	12.2	7.5	3.9		16.5	13.0	7.7	4.0						38
40	15.3	11.9	7.3	3.8		15.2	12.5	7.5	3.9						40
42	14.9	11.6	7.2	3.7		13.9	12.2	7.4	3.8						42
44	13.8	11.3	7.1	3.6		12.8	11.9	7.3	3.7						44
46	12.6	11.1	7.0	3.5		11.7	11.7	7.2	3.6						46
48	11.7	10.8	6.9	3.5		10.7	11.4	7.1	3.5						48
50	10.9	10.6	6.8	3.4		9.9	10.8	7.0	3.5						50
52	10.1	10.4	6.7	3.3		9.1	10.0	6.9	3.4						52
54	9.4	10.2	6.6	3.3		8.4	9.3	6.8	3.3						54
56	8.7	9.5	6.6	3.2		7.7	8.6	6.8	3.3						56
58	8.1	8.9	6.5	3.2		7.0	7.9	6.7	3.2						58
60	7.4	8.3	6.4	3.1		6.4	7.2	6.6	3.2						60
62	6.9	7.7	6.4	3.1		5.9	6.7	6.5	3.1						62
64	6.4	7.1	6.3	3.0		5.4	6.2	6.5	3.1						64
66	5.9	6.6	6.2	3.0		4.9	5.7	6.2	3.0						66
68	5.5	6.1	6.2	2.9		4.4	5.2	5.8	3.0						68
70	69.5/5.2	5.7	6.2	2.9		4.0	4.8	5.3	3.0						70
72		5.3	5.8	2.9		3.6	4.4	4.9	3.0						72
74		4.9	5.4	2.8		3.3	4.0	4.5	2.9						74
76		75.9/4.6	5.0	2.8		2.9	3.6	4.1	2.9						76
78			4.7	2.8		2.6	3.3	3.8	2.9						78
80			4.3	2.8		2.2	2.9	3.4	2.8						80
82			82.0/4.0	2.8		80.1/2.2	2.6	3.1	2.8						82
84				2.8			2.2	2.8	2.8						84
86				2.8			1.9	2.4	2.8						86
88				2.8			86.5/1.9	2.1	2.7						88
90				88.1/2.8				1.8	2.3						90
92								1.6	2.0						92
94								92.6/1.5	1.7						94
96									1.5						96
98									1.3						98
100									98.7/1.2						100

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



## ◆ Luffing Jib Load Charts of LJ Operating Condition

Rated Load Chart of SCC3000US Luffing Jib (without main hook, counterweight 85.2+5.8t)

(Unit: t)

Boom length (m)		22.5																								Boom length (m)					
Jib length (m)		22						25						28						31						Jib length (m)					
Load radius(m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom length (°)	Load radius (m)				
		9.8	71.4																											9.8	
10	70.7																										10				
12	63.2						62.6						62.6											62.6			12				
14	55.9	60.4					56.2						56.2											56.2			14				
16	47.6	54.9					48.5	54.9					48.6	54.9										48.8			16				
18	40.1	47.4	48.3				40.8	48.2	48.3				41.0	48.3										41.1	48.3		18				
20	34.5	40.1	42.4				35.1	40.7	42.3				35.2	41.1	42.2									35.4	41.5		20				
22	29.7	34.5	37.5	36.7			30.6	35.1	37.5	36.6			30.8	35.4	37.4									30.9	35.7	37.2	22				
24		30.0	33.7	32.8	32.1		27.0	30.6	33.7	32.8			27.2	30.9	33.5	32.8								27.3	31.2	33.4	24				
26			30.0	29.9	29.0		27.0	30.4	29.7	29.0			24.2	27.3	30.3	29.6								24.4	27.6	30.2	29.5	26			
28				27.1	26.4	25.8		23.4	27.0	27.0	26.3			21.7	24.0	27.2	26.9	26.0						21.9	24.7	27.3	26.8	28			
30					24.3	23.7			24.1	24.8	24.2	23.6			19.7	22.0	24.2	24.7	24.0					19.9	22.2	24.4	24.7	23.9	30		
32						21.8					23.0	22.3	21.7			19.8	21.6	22.8	22.2	21.3				16.7	20.1	21.9	22.7	22.0	32		
34												20.7	20.2				19.6	21.0	20.6	20.1					17.6	19.9	21.1	20.4	20.0	34	
36													18.8					19.4	19.2	18.7						18.1	19.6	19.0	18.6	36	
38																			17.9	17.4							18.3	17.7	17.3	38	
40																				16.2								16.6	16.2	40	
42																														42	
44																														44	
46																														46	
48																														48	
50																														50	
52																														52	
54																														54	
56																														56	
58																														58	
60																														60	
68																														68	

Notes: The yellow-filled parts in the table depend on the strength.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Rated Load Chart of SCC3000US Luffing Jib (without main hook, counterweight 85.2+5.8t)

(Unit: t)

Boom length(m)		22.5																								Boom length (m)		
Jib length(m)		34						37						40						43						Jib length (m)		
Load radius(m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)	
		12																										
14	48.8						41.3																			14		
16	44.9						41.0						35.6										30.2			16		
18	39.5	46.5					37.9						33.1										28.3			18		
20	35.3	39.7					35.3	37.8					30.7										26.1			20		
22	31.4	35.5					31.8	35.3					28.1	30.2									24.3	25.1		22		
24	27.7	31.5	33.4				28.2	31.8	33.4				25.4	27.6									22.6	23.5		24		
26	24.7	27.9	30.2				25.1	28.2	30.2				23.2	25.0	27.2								21.3	21.9	24.2	26		
28	22.3	24.9	27.4	26.8			22.6	25.1	27.5	26.8			21.3	22.8	25.1								20.0	20.6	22.6	28		
30	20.2	22.4	24.7	24.6			20.5	22.6	25.1	24.6			19.7	21.1	23.2								18.9	19.5	21.2	30		
32	17.7	20.3	22.3	22.7	21.8		18.7	20.5	22.6	22.6			18.3	19.5	21.3	21.6							17.9	18.5	20.0	32		
34	16.0	18.2	20.2	21.1	20.4		17.0	18.7	20.5	21.0	20.4		17.0	18.1	19.7	20.2							16.9	17.4	19.0	34		
36		16.5	18.4	19.5	19.0	18.5	15.6	17.1	18.7	19.5	19.0		15.6	16.9	18.3	18.9	18.8						15.6	16.6	18.0	36		
38			16.7	18.3	17.7	17.3	13.4	15.7	17.1	18.3	17.7	17.2	13.9	15.8	17.1	17.9	17.6						14.4	15.8	17.0	38		
40				17.0	16.6	16.2		14.0	15.7	17.1	16.6	16.1	12.1	14.3	15.7	16.9	16.5						13.3	14.7	15.6	40		
42					15.6	15.2			14.5	15.7	15.6	15.2		13.0	14.4	15.8	15.5	15.1					12.1	13.6	14.4	42		
44					14.3	14.3				14.5	14.7	14.3			13.0	14.6	14.5	14.2					10.5	12.5	13.4	44		
46											13.9	13.5				13.5	13.7	13.4					11.2	12.3	13.7	46		
48																	12.9	12.6						11.5	12.6	12.9	48	
50																		12.0							11.7	12.2	11.9	50
52																											11.3	52
54																												54
56																												56

Notes: The 25% grey parts in the thick frames in the table depend on the strength.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US of Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)	
Boom length(m)	22.5																								Boom angle (m)	
Jib length (m)	46						49						52						55						Jib length (m)	
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)	
Boom angle (°)																									9.8	
9.8																									9.8	
10																									10	
12																									12	
14																									14	
16																									16	
18	24.9						21.5						18.1												18	
20	23.0						19.8						16.6								14.4				20	
22	21.3						18.4						15.4								13.4				22	
24	19.9	20.8					17.1	18.1					14.4	15.4							12.4				24	
26	18.7	19.4					16.0	16.8					13.4	14.3							11.6				26	
28	17.5	18.2					15.0	15.8					12.5	13.4							10.8	11.6			28	
30	16.5	17.2	18.6				14.1	14.9	16.0				11.7	12.5	13.4						10.1	10.8			30	
32	15.6	16.2	17.5	17.7			13.3	14.0	15.0				11.0	11.7	12.4	12.0					9.5	10.1			32	
34	14.8	15.3	16.6	17.0			12.6	13.2	14.1				10.4	11.0	11.7						8.8	9.5	10.1		34	
36	13.7	14.6	15.6	16.2			11.7	12.5	13.3	13.9			9.8	10.4	11.0	11.7					8.2	8.8	9.5		36	
38	12.7	13.8	14.8	15.3			11.0	11.8	12.6	13.2			9.3	9.8	10.4	11.0					7.6	8.2	8.8		38	
40	11.8	12.9	13.7	14.6			10.3	11.1	11.7	12.5			8.8	9.3	9.8	10.4					7.1	7.6	8.2		40	
42	10.8	12.0	12.7	13.9	13.6		9.6	10.4	11.0	11.8	12.0		8.3	8.8	9.3	9.8	10.3				6.6	7.1	7.6	8.2	42	
44	9.6	11.2	11.8	12.9	12.9		8.7	9.8	10.3	11.1	11.3		7.9	8.4	8.8	9.3	9.8				6.2	6.7	7.1	7.6	44	
46		10.1	11.0	12.0	12.1			9.0	9.7	10.4	10.7		7.2	8.0	8.4	8.8	9.3				5.6	6.2	6.7	7.1	6.2	46
48			10.3	11.2	11.5	11.4			9.1	9.8	10.1	10.3	7.1	7.5	8.0	8.4	8.8	9.2			5.4	5.8	6.2	6.6	5.8	48
50			9.5	10.5	10.9	10.9			8.5	9.2	9.7	9.8	6.8	7.1	7.5	8.0	8.4	8.8	5.0		5.4	5.8	6.2	5.6		50
52				9.4	10.2	10.3				8.5	9.3	9.4	6.5	6.8	7.2	7.5	8.0	8.4			5.0	5.4	5.8	5.3		52
54					9.4	9.6					8.4	9.0		6.6	6.9	7.2	7.5	8.0				5.0	5.4	5.0		54
56						9.2						8.3			6.6	6.9	7.2	7.5					5.1	4.8		56
58															6.6	6.9	7.2						4.1	4.6		58
60																6.6	6.9							4.2		60
62																	6.7									62
64																										64
66																										66
68																										68

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)													(Unit: t)
Boom length (m)	22.5												Boom angle (m)
Jib length (m)	58						61						Jib length (m)
Load radius (m) \ Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°) \ Load radius (m)
9.8													9.8
10													10
12													12
14													14
16													16
18													18
20	12.2						10.0						20
22	11.3						9.3						22
24	10.5						8.6						24
26	9.8						8.0						26
28	9.1	9.8					7.3	8.0					28
30	8.5	9.1					6.8	7.3					30
32	7.9	8.5					6.3	6.8					32
34	7.2	7.9	8.5				5.6	6.3	6.8				34
36	6.5	7.2	7.9				4.9	5.6	6.3				36
38	6.0	6.5	7.2				4.3	4.9	5.6				38
40	5.4	6.0	6.5				3.8	4.3	4.9				40
42	4.9	5.4	6.0	6.5			3.3	3.8	4.3	4.9			42
44	4.5	5.0	5.4	6.0			2.8	3.3	3.8	4.3			44
46	4.0	4.5	5.0	5.4			2.3	2.8	3.3	3.7			46
48	3.6	4.1	4.5	4.9			1.8	2.3	2.8	3.2			48
50	3.1	3.6	4.1	4.5				1.8	2.3	2.8			50
52		3.1	3.6	4.0					1.8	2.2			52
54			3.2	3.6						1.8			54
56				3.2									56
58				2.9									58
60													60
62													62
64													64
66													66
68													68

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length(m)	25.5																	28		
Jib length(m)	22						25						28						Jib length (m)	
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
10	68.9																		10	
12	63.2						62.6						62.6						12	
14	56.1	60.1					56.5						56.5						14	
16	48.0	54.3					48.9	54.3					49.0						16	
18	40.4	47.7	47.7				41.1	47.7					41.3	47.5					18	
20	34.7	41.2	42.0				35.3	41.5	41.9				35.4	41.8					20	
22	30.1	35.3	37.2	36.2			30.8	36.0	37.2				31.0	36.3	37.1				22	
24		30.7	33.4	32.4			27.1	31.3	33.4	32.3			27.3	31.6	33.2				24	
26		25.4	30.2	29.3	28.5			27.6	30.2	29.3			24.2	27.9	30.0	29.2			26	
28			27.2	26.7	25.9	25.2		24.5	27.5	26.6	25.8			24.8	27.4	26.5			28	
30				24.5	23.8	23.1			24.9	24.5	23.7	23.0		22.1	24.9	24.4			30	
32					21.9	21.3				22.5	21.8	21.2		19.9	22.3	22.5	21.7		32	
34						19.8						20.3	19.7			20.1	20.5	20.1	19.5	34
36													18.3				19.3	18.7	18.2	36
38																		17.0	16.9	38
40																			15.9	40
42																				42
44																				44
46																				46
48																				48
50																				50
52																				52
54																				54
56																				56
58																				58
60																				60
62																				62
64																				64
66																				66
68																				68
70																				70

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																				(Unit: t)	
Boom length (m)		25.5																		Boom length (m)	
Jib length (m)		31						34						37						Jib length (m)	
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		10																			
12		62.6																			12
14		56.5						48.9						41.3							14
16		49.2						45.2						41.2							16
18		41.4	47.3					39.7						38.0							18
20		35.6	42.0					35.5	40.2					35.4	38.4						20
22		31.1	36.6	36.9				31.6	36.2					32.0	35.7						22
24		27.4	31.9	33.0				27.8	32.2	33.0				28.3	32.5	33.0					24
26		24.5	28.3	29.9	29.1			24.8	28.5	29.9				25.2	28.7	29.9					26
28		22.0	25.2	27.2	26.4			22.4	25.4	27.2				22.8	25.6	27.2					28
30		19.9	22.6	25.0	24.3	23.4		20.2	22.8	25.0	24.2			20.6	23.1	25.0	24.2				30
32		17.1	20.4	22.6	22.4	21.5		17.9	20.6	22.8	22.4			18.7	20.8	23.1	22.3				32
34			18.5	20.5	20.7	20.0	19.4	15.9	18.7	20.8	20.7	20.0		17.1	19.0	21.1	20.6	20.0			34
36				18.6	19.3	18.6	18.1		17.0	18.9	19.2	18.6		15.7	17.3	19.2	19.2	18.6			36
38					18.1	17.3	16.8			17.0	18.0	17.3	16.8	13.6	15.9	17.5	18.0	17.3	16.7		38
40						16.3	15.8				16.5	16.3	15.8		14.6	16.1	16.8	16.2	15.7		40
42							14.9					15.3	14.8			14.9	15.8	15.3	14.7		42
44													13.9				14.9	14.4	13.9		44
46																		13.6	13.1		46
48																			12.4		48
50																					50
52																					52
54																					54
56																					56
58																					58
60																					60
62																					62
64																					64
66																					66
68																					68
70																					70

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																								(Unit: t)		
Boom length (m)	25.5																							Boom length (m)		
Jib length (m)	40						43						46						49						Jib length (m)	
Load radius (m) \ Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m) \ Boom angle (°)	
10																								10		
12																									12	
14																									14	
16	35.7						30.2																		16	
18	33.2						28.3						24.9								21.5				18	
20	30.8						26.2						23.1								19.9				20	
22	28.2	30.5					24.4	25.4					21.4								18.5				22	
24	25.5	28.1					22.7	23.7					20.0								17.2				24	
26	23.3	25.4					21.3	22.2					18.7	19.7							16.0	17.1			26	
28	21.5	23.3	25.1				20.1	20.9	23.1				17.6	18.4							15.1	15.9			28	
30	19.8	21.4	23.3				19.0	19.7	21.6				16.6	17.3							14.1	15.0			30	
32	18.3	19.7	21.7	21.7			18.0	18.6	20.4	21.1			15.6	16.3	17.9						13.3	14.1	15.3		32	
34	17.1	18.3	20.2	20.2			17.0	17.6	19.3	19.9			14.8	15.5	16.8						12.6	13.3	14.4		34	
36	15.7	17.0	18.7	19.0			15.6	16.7	18.3	18.9			13.7	14.7	15.9						11.7	12.6	13.6		36	
38	14.0	16.0	17.4	17.9	17.2		14.4	16.0	17.3	17.7	17.0		12.7	14.0	15.1	15.6					11.0	11.9	12.9	13.5	38	
40		14.7	16.1	16.7	16.1		13.3	14.9	16.0	16.6	15.9		11.8	13.1	14.0	14.6					10.3	11.2	12.0	12.6	40	
42		13.5	14.8	15.7	15.1	14.6	12.3	13.8	14.8	15.6	14.9	14.5	11.0	12.1	13.0	13.7					9.6	10.5	11.2	11.9	42	
44			13.5	14.8	14.2	13.8	10.7	12.8	13.7	14.7	14.1	13.7	9.8	11.3	12.1	13.0	12.8				8.8	9.8	10.5	11.2	11.4	44
46				13.6	13.4	13.0		11.7	12.6	13.9	13.3	12.9		10.5	11.3	12.2	12.0				7.8	9.2	9.9	10.6	10.7	46
48					12.6	12.3			11.7	13.1	12.5	12.2		9.9	10.5	11.6	11.4	11.4			8.6	9.3	10.1	10.2	10.5	48
50						11.6				12.1	11.9	11.5			9.9	10.8	10.8	10.7				8.9	9.5	9.7	9.9	50
52											11.3	10.9				9.9	10.3	10.1					8.6	9.2	9.4	52
54												10.4					9.2	9.7						8.5	8.9	54
56																		9.2							8.4	56
58																										58
60																										60
62																										62
64																										64
66																										66
68																										68
70																										70

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.





Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)						
Boom length (m)	25.5																								Boom length (m)						
Jib length (m)	52						55						58						61						Jib length (m)						
Load radius (m) / Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m) / Boom angle (°)
10																												10			
12																													12		
14																													14		
16																													16		
18	18.2																												18		
20	16.7																												20		
22	15.5						13.4						11.4								9.3								22		
24	14.4						12.4						10.5								8.6								24		
26	13.5	14.7					11.6						9.8								8.0								26		
28	12.5	13.7					10.8	11.8					9.1	9.9							7.4	8.1							28		
30	11.7	12.8					10.1	11.0					8.5	9.3							6.9	7.5							30		
32	11.0	11.9	13.0				9.5	10.3					8.0	8.7							6.4	7.0							32		
34	10.4	11.2	12.1				8.8	9.7					7.2	8.1							5.6	6.5							34		
36	9.8	10.6	11.4				8.2	9.0	9.8				6.6	7.4	8.2						5.0	5.8	6.6						36		
38	9.3	10.0	10.7	11.5			7.7	8.4	9.1				6.0	6.7	7.6						4.4	5.1	6.0						38		
40	8.8	9.4	10.1	10.9			7.1	7.8	8.5				5.4	6.1	6.9						3.8	4.5	5.3						40		
42	8.4	8.9	9.6	10.3			6.7	7.2	8.0	8.7			5.0	5.6	6.3	7.0					3.3	4.0	4.7	5.4					42		
44	7.9	8.5	9.1	9.7	10.4		6.2	6.8	7.4	8.1			4.5	5.1	5.7	6.4					2.8	3.4	4.1	4.8					44		
46	7.5	8.1	8.6	9.2	9.8		5.8	6.3	6.9	7.5	6.5		4.1	4.6	5.2	5.8					2.3	2.9	3.6	4.2					46		
48	7.1	7.7	8.2	8.7	9.3		5.4	5.9	6.5	7.0	6.2		3.7	4.2	4.8	5.3					1.9	2.4	3.1	3.7					48		
50	6.8	7.2	7.8	8.3	8.8	9.4	5.1	5.5	6.0	6.6	5.8		3.3	3.8	4.3	4.9						2.0	2.6	3.2					50		
52	6.5	6.9	7.4	7.9	8.4	8.9		5.2	5.7	6.1	5.6			3.4	3.9	4.4						2.1	2.7						52		
54		6.6	7.1	7.5	8.0	8.5			5.2	5.8	5.3				3.4	4.0							2.2						54		
56		6.4	6.7	7.1	7.7	8.1			4.9	5.4	5.1				3.6								1.8						56		
58			6.5	6.8	7.2	7.7			5.0	4.8					3.2														58		
60				6.6	6.9	7.3				4.6																			60		
62					6.6	7.0																							62		
64						6.7																							64		
66																													66		
68																													68		
70																													70		

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	28.5																	Boom length (m)		
Jib length (m)	22						25						28					Jib length (m)		
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
10	68.9																			10
12	63.3						62.6						62.6							12
14	56.4	59.9					56.9						56.9							14
16	48.5	54.2					49.3	54.2					49.4							16
18	40.7	47.8	47.1				41.4	47.1					41.6	46.7						18
20	34.9	41.8	41.6				35.5	42.0	41.5				35.6	41.9						20
22	30.3	36.5	36.9	35.7			30.9	36.3	36.8				31.1	36.8	36.7					22
24		31.6	33.0	32.0			27.2	32.0	32.9	31.8			27.4	32.4	32.8					24
26		27.1	29.9	29.0	27.8			28.2	29.9	28.8			24.3	28.5	29.7					26
28			27.2	26.4	25.4			25.0	27.2	26.2	25.3			25.3	27.1	26.1				28
30				24.3	23.4	22.6			25.0	24.1	23.3			22.6	24.8	24.0				30
32					21.5	20.8			22.4	22.2	21.4	20.6			22.6	22.1	21.3			32
34						19.3				20.6	19.9	19.2			21.0	20.5	19.7			34
36											18.5	17.9				19.0	18.3	17.7		36
38												16.6					17.0	16.5		38
40																		15.4		40
42																				42
44																				44
46																				46
48																				48
50																				50
52																				52
54																				54
56																				56
58																				58
60																				60
62																				62
64																				64
66																				66
68																				68
70																				70

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

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Load Chart of SCC3000US Jib Hook of LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																				(Unit: t)	
Boom length (m)	28.5																		Boom length (m)		
Jib length (m)	31						34						37						Jib length (m)		
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)	
10																				10	
12	62.6																			12	
14	56.9						49.1						41.3							14	
16	49.6						45.4						41.3							16	
18	41.7	46.3					39.9						38.1							18	
20	35.8	41.7					35.6	40.3					35.5	38.9						20	
22	31.2	37.3	36.5				31.7	36.7					32.2	36.1						22	
24	27.5	32.7	32.6				28.0	33.0					28.5	33.3						24	
26	24.6	28.8	29.6				25.0	29.1	29.6				25.4	29.4	29.6					26	
28	22.0	25.6	26.9	26.0			22.4	25.9	26.9				22.7	26.1	26.9					28	
30	20.0	23.0	24.7	23.9			20.3	23.2	24.7	23.8			20.6	23.5	24.7	23.8				30	
32	17.3	20.8	22.7	22.0	21.1		18.1	21.0	22.8	22.0			18.8	21.2	22.8	21.9				32	
34		18.9	21.1	20.4	19.5		16.3	19.1	21.1	20.3			17.1	19.3	21.1	20.3				34	
36			19.1	19.0	18.2	17.5		17.3	19.4	18.9	18.2		15.7	17.6	19.7	18.9	18.2			36	
38				17.7	16.9	16.4			17.8	17.7	16.9		13.8	16.1	18.1	17.6	16.9			38	
40				16.6	15.9	15.4				16.6	15.9	15.3		14.9	16.5	16.5	15.9	15.2		40	
42					14.9	14.4				15.5	14.9	14.3			15.2	15.5	14.9	14.3		42	
44						13.6					14.1	13.5					14.7	14.1	13.5	44	
46												12.8					13.9	13.3	12.8	46	
48																		12.5	12.0	48	
50																			11.4	50	
52																				52	
54																				54	
56																				56	
58																				58	
60																				60	
62																				62	
64																				64	
66																				66	
68																				68	
70																				70	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)						
Boom length (m)	28.5																								Boom length (m)						
Jib length (m)	40						43						46						49						Jib length (m)						
Load radius (m) / Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m) / Boom angle (°)
10																											10				
12																												12			
14																												14			
16	35.8						30.2																					16			
18	33.3						28.4						25.0											21.6				18			
20	30.9						26.3						23.1										19.9					20			
22	28.3	31.4					24.4	26.7					21.4										18.5					22			
24	25.6	29.1					22.7	24.9					20.0										17.2					24			
26	23.4	26.3					21.3	23.2					18.7	20.3									16.1	17.5				26			
28	21.4	23.9	25.2				20.1	21.7	23.6				17.6	19.0									15.1	16.4				28			
30	19.8	21.9	23.4				19.0	20.4	22.0				16.6	17.9									14.1	15.3				30			
32	18.4	20.2	21.8				18.0	19.3	20.7				15.6	16.8	18.1								13.3	14.4	15.5			32			
34	17.1	18.8	20.3	20.1			17.0	18.3	19.6	20.0			14.8	15.9	17.1								12.6	13.6	14.6			34			
36	15.7	17.5	19.1	18.7			15.6	17.3	18.5	18.6			13.7	15.1	16.1								11.7	12.9	13.8			36			
38	14.1	16.1	17.8	17.5			14.4	16.0	17.5	17.3			12.7	14.0	15.3	15.4							11.0	12.0	13.0	13.5		38			
40	12.6	14.8	16.5	16.4	15.7		13.4	14.8	16.4	16.2	15.5		11.8	13.0	14.3	14.5							10.3	11.2	12.2	12.7		40			
42		13.4	15.1	15.4	14.7		12.3	13.7	15.1	15.2	14.6		11.0	12.1	13.3	13.6							9.7	10.5	11.4	11.9		42			
44			14.0	14.5	13.9	13.3	10.8	12.6	14.0	14.3	13.7	13.2	9.8	11.3	12.3	12.8	12.6						8.8	9.9	10.7	11.2	11.5	44			
46				13.7	13.1	12.5	11.7	13.0	13.6	13.0	12.3	11.7	8.6	10.5	11.5	12.1	11.9						8.0	9.3	10.0	10.6	10.8	46			
48				12.8	12.4	11.9		11.9	12.8	12.2	11.7		9.3	10.7	11.4	11.3								8.6	9.4	10.0	10.3	48			
50					11.7	11.2			12.1	11.6	11.0			9.8	10.8	10.7	10.5								8.7	9.6	9.7	9.9	50		
52						10.5			11.3	11.0	10.5				10.2	10.1	10.0									9.0	9.2	9.4	52		
54										10.5	10.0						9.7	9.5									8.8	9.0	54		
56											9.5						9.0											8.5	56		
58																												8.0	58		
60																													60		
62																													62		
64																													64		
66																													66		
68																													68		
70																													70		

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)						
Boom length (m)	28.5																								Boom length (m)						
Jib length (m)	52						55						58						61						Jib length (m)						
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)
Boom angle (°)																									Boom angle (°)						
10																												10			
12																													12		
14																													14		
16																													16		
18	18.2																												18		
20	16.7																												20		
22	15.5						13.4						11.4								9.3								22		
24	14.4						12.4						10.5								8.6								24		
26	13.5	14.7					11.6						9.8								8.0								26		
28	12.5	13.7					10.8	11.8					9.1	9.9							7.4	8.1							28		
30	11.7	12.8					10.1	11.0					8.5	9.3							6.9	7.5							30		
32	11.0	11.9	13.0				9.5	10.3					8.0	8.7							6.4	7.0							32		
34	10.4	11.2	12.1				8.8	9.7					7.2	8.1							5.6	6.5							34		
36	9.8	10.6	11.4				8.2	9.0	9.8				6.6	7.4	8.2						5.0	5.8	6.6						36		
38	9.3	10.0	10.7	11.5			7.7	8.4	9.1				6.0	6.7	7.6						4.4	5.1	6.0						38		
40	8.8	9.4	10.1	10.9			7.1	7.8	8.5				5.4	6.1	6.9						3.8	4.5	5.3						40		
42	8.4	8.9	9.6	10.3			6.7	7.2	8.0	8.7			5.0	5.6	6.3	7.0					3.3	4.0	4.7	5.4					42		
44	7.9	8.5	9.1	9.7	10.4		6.2	6.8	7.4	8.1			4.5	5.1	5.7	6.4					2.8	3.4	4.1	4.8					44		
46	7.5	8.1	8.6	9.2	9.8		5.8	6.3	6.9	7.5	6.5		4.1	4.6	5.2	5.8					2.3	2.9	3.6	4.2					46		
48	7.1	7.7	8.2	8.7	9.3		5.4	5.9	6.5	7.0	6.2		3.7	4.2	4.8	5.3					1.9	2.4	3.1	3.7					48		
50	6.8	7.2	7.8	8.3	8.8	9.4	5.1	5.5	6.0	6.6	5.8		3.3	3.8	4.3	4.9						2.0	2.6	3.2					50		
52	6.5	6.9	7.4	7.9	8.4	8.9		5.2	5.7	6.1	5.6			3.4	3.9	4.4						2.1	2.7						52		
54		6.6	7.1	7.5	8.0	8.5			5.2	5.8	5.3				3.4	4.0							2.2						54		
56		6.4	6.7	7.1	7.7	8.1			4.9	5.4	5.1				3.6								1.8						56		
58			6.5	6.8	7.2	7.7			5.0	4.8					3.2														58		
60				6.6	6.9	7.3				4.6																			60		
62					6.6	7.0																							62		
64						6.7																							64		
66																													66		
68																													68		
70																													70		

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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	31.5																	Boom length (m)		
Jib length (m)	22						25						28					Jib length (m)	Load	
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	radius (m)
10	68.9																		10	
12	63.2						62.6												12	
14	56.7						57.2						55.9						14	
16	48.9	53.5					49.8	52.8					49.9						16	
18	41.0	47.6					41.7	47.1					41.9	46.2					18	
20	35.1	42.3	41.2				35.8	42.4	40.8				35.9	41.6					20	
22	30.5	37.2	36.5				31.1	37.4	36.4				31.3	37.3					22	
24	24.5	32.4	32.6	31.5			27.4	32.8	32.6				27.6	33.2	32.5				24	
26		28.4	29.6	28.5			23.8	28.8	29.5	28.4			24.2	29.1	29.3				26	
28			26.9	26.0	24.8			25.5	26.9	25.8			21.5	25.8	26.8	25.7			28	
30				23.9	22.7				24.7	23.7	22.6			23.2	24.5	23.6			30	
32				21.9	21.0	20.2			22.7	21.8	20.9				22.6	21.7			32	
34					19.5	18.8				20.2	19.4	18.6			20.6	20.1	19.2		34	
36						17.4						18.1	17.2				18.8	17.9	36	
38													16.1					16.2	16.0	38
40													15.1					15.1	15.0	40
42																			14.0	42
44																				44
46																				46
48																				48
50																				50
52																				52
54																				54
56																				56
58																				58
60																				60
62																				62
64																				64
66																				66
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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	31.5																		Boom length (m)	
Jib length (m)	31						34						37						Jib length (m)	
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)	
Boom angle (°)																			Boom angle (°)	
10																			10	
12																			12	
14	54.6						47.9						41.3						14	
16	50.1						45.7						41.3						16	
18	42.0	45.2					40.2						38.4						18	
20	36.0	40.8					35.8	40.0					35.6	39.3					20	
22	31.4	37.1					31.9	36.4					32.4	35.7					22	
24	27.7	33.5	32.3				28.2	33.1					28.6	32.7					24	
26	24.7	29.4	29.2				25.1	29.7	29.1				25.5	30.0	29.0				26	
28	22.1	26.1	26.6	25.6			22.5	26.4	26.6				22.8	26.6	26.6				28	
30	20.0	23.5	24.4	23.5			20.3	23.7	24.4				20.7	23.9	24.5				30	
32	17.6	21.1	22.4	21.6			18.3	21.3	22.5	21.6			18.9	21.5	22.5	21.5			32	
34		19.1	20.8	20.0	19.0		16.3	19.3	20.9	19.9			17.2	19.6	20.9	19.9			34	
36			19.4	18.7	17.6			17.3	19.4	18.6	17.6		15.8	17.9	19.4	18.6	17.6		36	
38			17.9	17.4	16.5	15.9			18.0	17.4	16.5		14.0	16.4	18.2	17.3	16.5		38	
40				16.3	15.5	14.9				16.3	15.5			15.1	16.9	16.2	15.4		40	
42					14.5	14.0					14.5	13.9			15.6	15.2	14.5	13.8	42	
44						13.2					13.7	13.1			14.4	14.4	13.7	13.0	44	
46						12.4						12.3				13.6	12.9	12.2	46	
48												11.6					12.2	11.6	48	
50																		11.0	50	
52																		10.4	52	
54																			54	
56																			56	
58																			58	
60																			60	
62																			62	
64																			64	
66																			66	
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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																										(Unit: t)				
Boom length (m)	31.5																								Boom length (m)					
Jib length (m)	40						43						46						49						Jib length (m)					
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)					
Boom angle (°)																									Boom angle (°)					
10																										10				
12																											12			
14																											14			
16	35.8						30.2																				16			
18	33.4						28.5						25.1											21.7			18			
20	31.0						26.3						23.2										20.0				20			
22	28.5	30.9					24.5	26.1					21.5										18.6				22			
24	25.7	28.5					22.8	24.3					20.1										17.3				24			
26	23.5	26.4					21.4	22.7					18.8	20.1									16.1	17.5			26			
28	21.5	24.0	25.3				20.1	21.3	24.1				17.6	18.8									15.1	16.4			28			
30	19.8	22.0	23.5				19.0	20.1	22.5				16.6	17.7									14.1	15.3			30			
32	18.4	20.2	21.8				18.0	19.0	21.1				15.6	16.7	18.5								13.3	14.4	15.9		32			
34	17.1	18.8	20.4	19.8			17.0	18.0	19.9	19.8			14.8	15.7	17.4								12.6	13.5	14.9		34			
36	15.8	17.4	19.1	18.5			15.7	17.0	18.8	18.4			13.7	14.9	16.4								11.8	12.8	14.0		36			
38	14.2	16.3	18.0	17.2			14.5	16.2	17.9	17.1			12.8	14.2	15.5								11.0	12.1	13.2		38			
40	13.1	15.2	16.8	16.1	15.2		13.4	15.3	16.7	16.0	15.1		11.8	13.4	14.6	14.4							10.3	11.4	12.4	12.8	40			
42		14.1	15.6	15.1	14.3		12.3	14.2	15.5	15.0	14.2		11.0	12.4	13.6	13.5							9.7	10.7	11.6	12.0	42			
44			14.3	14.2	13.5		11.0	13.1	14.3	14.1	13.4		10.0	11.6	12.6	12.7							8.9	10.1	10.9	11.3	44			
46			13.2	13.4	12.7	12.1		12.1	13.2	13.3	12.5	11.9	9.0	10.8	11.7	12.0	11.7						8.0	9.4	10.2	10.7	10.9	46		
48				12.6	12.0	11.4			12.2	12.5	11.8	11.2		9.9	10.9	11.3	11.1							8.6	9.6	10.1	10.3	48		
50					11.3	10.8			11.3	11.8	11.2	10.6			10.2	10.7	10.5								9.0	9.5	9.8	50		
52						10.3				11.3	10.6	10.1				10.2	9.9	9.8								9.1	9.2	9.5	52	
54						9.8					10.1	9.6					9.5	9.3									8.8	9.0	54	
56											9.1							8.8										8.5	56	
58																			8.5										8.1	58
60																														60
62																														62
64																														64
66																														66
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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																										(Unit: t)									
Boom length (m)		31.5																								Boom length (m)									
Jib length (m)		52						55						58						61						Jib length (m)									
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)		
		10																													10				
12																														12					
14																														14					
16																														16					
18		18.3																												18					
20		16.8																												20					
22		15.6											13.5												11.4			9.3		22					
24		14.5											12.5												10.6			8.7		24					
26		13.5	14.9										11.6												9.8			8.0		26					
28		12.5	13.9										10.8	12.0											9.1	10.1		7.4	8.3		28				
30		11.7	13.0										10.1	11.2											8.5	9.4		6.9	7.7		30				
32		11.0	12.1	13.3									9.5	10.5											8.0	8.8		6.4	7.1		32				
34		10.4	11.3	12.3									8.8	9.8											7.3	8.2		5.7	6.6		34				
36		9.8	10.7	11.6									8.2	9.1	10.0										6.6	7.5	8.4		5.0	5.9	6.7	36			
38		9.3	10.1	10.9									7.7	8.5	9.4										6.0	6.8	7.8		4.4	5.2	6.2	38			
40		8.8	9.5	10.3	11.1								7.1	7.9	8.7										5.4	6.2	7.1		3.8	4.6	5.5	40			
42		8.4	9.0	9.7	10.5								6.7	7.3	8.1										5.0	5.6	6.4		3.3	4.0	4.8	42			
44		7.9	8.6	9.2	9.9								6.2	6.9	7.5	8.3									4.5	5.2	5.8	6.7		2.8	3.5	4.2	5.1	44	
46		7.5	8.1	8.7	9.4	10.1							5.8	6.4	7.0	7.7									4.1	4.7	5.3	6.1		2.3	3.0	3.7	4.4	46	
48		7.1	7.7	8.3	8.9	9.6							5.4	6.0	6.6	7.2	6.4								3.7	4.3	4.9	5.5		1.9	2.6	3.2	3.9	48	
50		6.8	7.3	7.9	8.4	9.1							4.6	5.6	6.1	6.7	6.1								3.3	3.8	4.4	5.0			2.0	2.7	3.4	50	
52		6.5	6.9	7.4	8.1	8.6	9.2						4.6	5.7	6.3	5.7										3.4	4.0	4.6				2.2	2.9	52	
54			6.6	7.1	7.7	8.2	8.8							5.4	5.9	5.4											3.6	4.1				1.8	2.3	54	
56			6.4	6.8	7.3	7.8	8.3							4.6	5.5	5.2											3.2	3.7				1.9	56		
58				6.5	6.9	7.4	8.0								4.6	5.0											3.3						58		
60					6.7	7.2	7.5								4.5	4.8																	60		
62						6.8	7.2								4.6																		62		
64						6.5	6.9																										64		
66							6.6																										66		
68																																	68		
70																																	70		

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	34.5																	Boom length (m)		
Jib length (m)	22						25						28					Jib length (m)		
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)	
Boom angle (°)																		Boom angle (°)		
10																			10	
12	63.3						62.6						56.1						12	
14	57.1						57.6						50.3						14	
16	49.3	52.2					50.2	51.6					50.3						16	
18	41.3	46.2					42.0	46.1					42.2	45.1					18	
20	35.3	41.9	40.1				36.0	41.6					36.2	40.7					20	
22	31.2	37.4	36.1				31.3	37.6	36.0				31.5	37.0					22	
24	25.0	33.3	32.3	31.0			27.5	33.7	32.2				27.7	33.5	32.0				24	
26		29.0	19.1	28.1			24.1	29.5	29.2	27.8			24.4	29.8	29.0				26	
28			16.4	25.6	24.3			26.0	26.6	25.4			21.8	26.3	26.5				28	
30			14.3	23.5	22.2			22.4	24.4	23.3	22.2			23.2	24.2	23.2			30	
32				21.6	20.5				22.5	21.4	20.4			20.7	22.4	21.3			32	
34					19.1	18.3				19.9	19.0				20.2	19.8	18.8		34	
36					17.7	16.9				18.5	17.6	16.7				18.4	17.4		36	
38						15.8					16.4	15.6					16.3		38	
40												14.7						14.5	40	
42																		13.7	42	
44																			44	
46																			46	
48																			48	
50																			50	
52																			52	
54																			54	
56																			56	
58																			58	
60																			60	
62																			62	
64																			64	
66																			66	
68																			68	
70																			70	
72																			72	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	34.5																		Boom length (m)	
Jib length (m)	31						34						37						Jib length (m)	
Load radius (m) / Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m) / Boom angle (°)	
10																			10	
12																			12	
14	54.6						47.9						41.3						14	
16	50.5						45.9						41.3						16	
18	42.3	44.2					40.4						38.5						18	
20	36.3	39.9					36.0	39.2					35.7	38.5					20	
22	31.6	36.3					32.1	35.6					32.6	35.0					22	
24	27.8	33.4	31.8				28.3	32.7					28.8	32.0					24	
26	24.8	30.1	28.9				25.2	29.8	28.5				25.6	29.6	28.2				26	
28	22.2	26.6	26.3				22.6	26.9	26.2				23.0	27.1	26.1				28	
30	20.1	23.9	24.1	23.1			20.5	24.1	24.1				20.8	24.3	24.2				30	
32	17.9	21.4	22.2	21.2			18.9	21.7	22.2	21.2			19.9	21.9	22.2	21.1			32	
34		19.4	20.6	19.7	18.6		16.5	19.6	20.6	19.6			17.2	19.9	20.6	19.6			34	
36		17.1	19.2	18.4	17.2			17.6	19.2	18.3			15.8	18.2	19.2	18.3			36	
38			17.9	17.1	16.1				17.9	17.1	16.1		14.2	16.6	18.0	17.0	16.1		38	
40				16.0	15.1	14.4				16.0	15.1			15.3	16.8	15.9	15.1		40	
42				15.1	14.2	13.6				15.0	14.2	13.5		13.7	15.8	15.0	14.2	13.4	42	
44					13.4	12.8					13.4	12.7			14.7	14.1	13.4	12.6	44	
46						12.0						11.9				13.3	12.5	11.8	46	
48												11.3					11.9	11.2	48	
50																	11.3	10.6	50	
52																		10.1	52	
54																			54	
56																			56	
58																			58	
60																			60	
62																			62	
64																			64	
66																			66	
68																			68	
70																			70	
72																			72	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)								
Boom length (m)		34.5																							Boom length (m)								
Jib length (m)		40					43					46					49					Jib length (m)											
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		12																															12
14																															14		
16		35.8						30.2																							16		
18		33.5						28.6						25.2												21.8					18		
20		31.1						26.4						23.2												20.0					20		
22		28.6	30.7					24.6	26.4					21.6												18.6					22		
24		25.9	28.3					23.0	24.6					20.1												17.3					24		
26		23.5	26.3					21.4	23.0					18.8	20.3											16.1	17.6				26		
28		21.6	24.3					20.2	21.5					17.7	19.0											15.2	16.5				28		
30		19.9	22.3	23.6				19.0	20.3	23.0				16.6	17.9											14.2	15.5				30		
32		18.9	20.6	21.9				18.0	19.2	21.5				15.7	16.9											13.4	14.6				32		
34		17.1	19.0	20.4				17.0	18.1	20.2				14.8	15.8	17.7										12.6	13.6	15.2			34		
36		15.8	17.6	19.0	18.2			15.7	17.1	18.9	18.1			13.7	15.0	16.5										11.8	12.9	14.2			36		
38		14.3	16.5	17.8	16.9			14.5	16.3	17.6	16.7			12.8	14.3	15.5										11.0	12.2	13.3			38		
40		13.2	15.4	16.7	15.8			13.4	15.5	16.5	15.6			11.8	13.5	14.5	14.2									10.3	11.6	12.5	12.8		40		
42			14.0	15.7	14.8	14.0		12.3	14.3	15.5	14.7	13.8		11.0	12.5	13.6	13.4									9.7	10.8	11.8	12.1		42		
44			13.0	14.6	13.9	13.2		11.1	13.3	14.6	13.8	13.0		10.0	11.7	12.9	12.6									8.9	10.1	11.1	11.4		44		
46				13.5	13.1	12.4	11.7		12.2	13.5	13.0	12.2	11.5	9.0	10.9	11.9	11.8	11.6								8.1	9.5	10.4	10.7	11.0	46		
48					11.8	11.7	11.0		11.0	12.5	12.2	11.5	10.8		9.9	11.2	11.2	11.0									8.8	9.8	10.1	10.4	48		
50						11.1	10.4			11.6	11.6	10.9	10.2			10.4	10.6	10.4										9.2	9.7	9.8	50		
52							9.9				11.0	10.3	9.7				10.1	9.8	9.6									9.1	9.4	9.6	52		
54							9.4					9.8	9.2					9.3	9.1										8.8	9.0	54		
56												9.4	8.8					8.9	8.7										8.4	8.6	56		
58													8.4						8.3											8.2	58		
60																			7.9											7.8	60		
62																														7.3	62		
64																															64		
66																															66		
68																															68		
70																															70		
72																															72		

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)		
Boom length (m)	34.5																								Boom length (m)		
Jib length (m)	52						55						58						61						Jib length (m)		
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)		
Boom angle (°)																									Boom angle (°)		
12																										12	
14																											14
16																											16
18	18.4																										18
20	16.8																										20
22	15.6						13.5						11.5							9.4							22
24	14.5						12.5						10.6							8.7							24
26	13.5	15.0					11.7						9.9							8.1							26
28	12.6	14.0					10.9						9.2							7.4							28
30	11.8	13.1					10.2	11.3					8.6	9.5						6.9	7.8						30
32	11.1	12.2					9.6	10.5					8.0	8.8						6.4	7.1						32
34	10.4	11.4	12.6				8.8	9.9					7.3	8.3						5.7	6.7						34
36	9.8	10.8	11.8				8.2	9.2					6.6	7.6						5.0	6.0						36
38	9.3	10.2	11.1				7.7	8.6	9.6				6.0	7.0	8.0					4.4	5.4	6.4					38
40	8.8	9.6	10.5	11.4			7.1	8.0	8.9				5.4	6.3	7.3					3.8	4.7	5.7					40
42	8.4	9.1	9.9	10.8			6.7	7.4	8.3				5.0	5.7	6.6					3.3	4.1	5.0					42
44	7.9	8.6	9.4	10.2			6.2	6.9	7.7	8.6			4.5	5.2	6.1	6.9				2.8	3.6	4.4	5.3				44
46	7.5	8.2	8.9	9.6	10.4		5.8	6.5	7.2	8.0			4.1	4.8	5.5	6.3				2.3	3.1	3.9	4.7				46
48	7.1	7.8	8.4	9.1	9.9		5.4	6.0	6.7	7.4	6.6		3.7	4.3	5.0	5.7				1.9	2.6	3.3	4.1				48
50	6.8	7.3	8.0	8.7	9.3		5.1	5.6	6.3	7.0	6.2		3.3	3.9	4.6	5.3					2.1	2.9	3.6				50
52	6.5	7.0	7.5	8.2	8.9	9.5		5.2	5.8	6.5	5.9			2.3	4.1	4.8						2.3	3.1				52
54		6.7	7.2	7.8	8.4	9.0			5.5	6.0	5.6				3.7	4.3						1.9	2.6				54
56		6.4	6.9	7.4	8.0	8.6			5.1	5.7	5.3				2.3	3.9							2.1				56
58			6.6	7.1	7.7	8.1				5.3	5.1					3.4											58
60				6.8	7.2	7.7				5.0	4.8																60
62				6.5	6.9	7.3					4.6																62
64					6.6	6.9					4.4																64
66						6.6																					66
68						6.3																					68
70																											70
72																											72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US LJ Operating Condition Jib Hook (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	37.5																		Boom length (m)	
Jib length (m)	22						25						28						Jib length (m)	Load radius (m)
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
10																			10	
12	63.4						54.6												12	
14	57.4						54.6						54.6						14	
16	49.8	50.9					50.6	50.4					50.4						16	
18	41.6	45.4					42.3	45.0					42.5						18	
20	35.5	40.9	38.9				36.2	40.6					36.4	39.8					20	
22	30.8	37.3	35.4				31.4	37.0	35.2				31.6	36.3					22	
24	25.4	33.7	31.9				27.6	33.6	31.8				27.8	33.0	31.4				24	
26		29.7	28.9	27.5			24.2	30.1	28.8				24.5	30.1	28.6				26	
28			26.3	25.1				26.5	26.2	24.9			22.1	26.9	26.1				28	
30			24.1	23.1	21.7			23.6	24.1	22.8				23.9	23.9	22.7			30	
32				21.2	20.0				22.2	21.0	19.9				22.1	20.9			32	
34				20.2	18.5	17.6				19.5	18.4					19.4			34	
36					17.2	16.4				18.2	17.1	16.1				18.1	16.9		36	
38						15.3					16.0	15.1					15.8		38	
40						14.3					15.0	14.1					14.8	14.0	40	
42												13.3							42	
44																			44	
46																			46	
48																			48	
50																			50	
52																			52	
54																			54	
56																			56	
58																			58	
60																			60	
62																			62	
64																			64	
66																			66	
68																			68	
70																			70	
72																			72	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																				(Unit: t)	
Boom length(m)		37.5																		Boom length (m)	
Jib length (m)		31						34						37						Jib length (m)	
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		10																			
12																					12
14		54.6						47.9						41.3							14
16		50.2						45.7						41.3							16
18		42.6						40.6						38.6							18
20		36.5	39.0					36.2						35.8							20
22		31.7	35.5					32.3	34.8					32.9	34.2						22
24		27.9	32.5	30.9				28.4	31.9					28.9	31.3						24
26		24.9	30.1	28.5				25.3	29.5					25.7	28.9						26
28		22.3	27.2	25.9				22.7	27.0	25.7				23.1	26.8	25.4					28
30		20.1	24.3	23.8	22.6			20.5	24.5	23.7				20.8	24.8	23.6					30
32		18.1	21.8	21.9	20.8			18.5	22.1	21.9				19.0	22.3	21.9					32
34			19.8	20.3	19.3			16.8	20.0	20.3	19.2			17.3	20.2	20.3	19.2				34
36			17.9	18.9	18.0	16.7			18.2	18.9	17.9			15.9	18.5	19.0	17.9				36
38				17.6	16.7	15.6				17.6	16.7	15.6		14.4	16.8	17.6	16.6	15.6			38
40					15.7	14.6	13.9				15.7	14.6			15.5	16.5	15.6	14.6			40
42					14.7	13.7	13.0				14.7	13.7			14.2	15.6	14.6	13.8			42
44						13.0	12.2					13.0	12.2			14.7	13.8	13.0	12.1		44
46							11.5						11.5				13.0	12.1	11.4		46
48							10.9						10.9				12.3	11.5	10.8		48
50													10.3					10.9	10.2		50
52																			9.7		52
54																			9.2		54
56																					56
58																					58
60																					60
62																					62
64																					64
66																					66
68																					68
70																					70
72																					72

Note: the bold box with 25% grey scale indicates that the regional load value is dependent on strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)		
Boom length (m)	37.5																								Boom length (m)		
Jib length (m)	40						43						46						49						Jib length (m)		
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)		
Boom angle (°)																									Boom angle (°)		
12																									12		
14																										14	
16	35.8						30.3																			16	
18	33.6						28.7						25.2										21.8			18	
20	31.2						26.5						23.3										20.1			20	
22	28.7						24.6						21.6										18.6			22	
24	25.9	28.1					23.0	24.9					20.1										17.3			24	
26	23.6	26.1					21.5	23.3					18.9	20.6									16.2	17.9		26	
28	21.6	24.3					20.2	21.7					17.7	19.2									15.2	16.7		28	
30	19.9	22.6	23.1				19.1	20.5	22.5				16.7	18.1									14.2	15.6		30	
32	18.5	20.8	21.5				18.1	19.3	21.0				15.7	17.0									13.4	14.7		32	
34	17.2	19.2	20.0				17.0	18.3	19.7				14.8	16.0	17.4								12.6	13.8	15.1	34	
36	15.9	17.9	18.7	17.6			15.8	17.3	18.5	17.3			13.8	15.2	16.3								11.8	13.1	14.2	36	
38	14.4	16.7	17.5	16.5			14.5	16.5	17.3	16.3			12.8	14.4	15.3								11.0	12.3	13.3	38	
40	13.3	15.6	16.4	15.4			13.4	15.7	16.2	15.2			11.8	13.7	14.3	14.0							10.3	11.7	12.5	12.9	40
42		14.3	15.4	14.5	13.6		12.3	14.5	15.2	14.3	13.4		11.0	12.7	13.5	13.2							9.7	10.9	11.8	12.1	42
44			14.5	13.6	12.8		11.2	13.4	14.3	13.4	12.5		10.1	11.8	12.7	12.4							9.0	10.2	11.1	11.4	44
46				12.8	11.9		12.4	13.5	12.5	11.7			9.1	11.0	12.0	11.6							8.2	9.6	10.5	10.7	46
48				12.1	11.3	10.6	11.4	12.8	11.8	11.0	10.3		10.2	11.3	11.0	10.7							9.0	9.9	10.1	10.5	48
50					10.7	9.9		11.8	11.2	10.4	9.7			10.6	10.4	10.1							9.3	9.6	9.9		50
52					10.2	9.4			10.6	9.9	9.2				9.9	9.6								9.1	9.4		52
54						8.9			10.1	9.4	8.7				9.4	9.1	8.6						8.7	8.9	8.6		54
56						8.5				9.0	8.3					8.7	8.2							8.4	8.1		56
58											7.9						7.8								7.7		58
60											7.5						7.4								7.3		60
62																	7.0								6.9		62
64																											64
66																											66
68																											68
70																											70
72																											72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.





Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)							
Boom length (m)	37.5																								Boom angle (m)							
Jib length (m)	52						55						58						61						Jib length (m)							
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
12																													12			
14																														14		
16																														16		
18	18.4																													18		
20	16.9																													20		
22	15.6						13.5						11.5								9.4									22		
24	14.5						12.5						10.6								8.7									24		
26	13.6	15.2					11.7						9.9								8.1									26		
28	12.6	14.2					10.9						9.2								7.4									28		
30	11.8	13.2					10.2	11.4					8.6	9.6							6.9	7.9								30		
32	11.1	12.3					9.6	10.6					8.0	8.9							6.4	7.2								32		
34	10.4	11.6	12.9				8.8	10.0					7.3	8.4							5.7	6.7								34		
36	9.8	10.9	12.0				8.2	9.4					6.6	7.8							5.0	6.2								36		
38	9.3	10.2	11.3				7.7	8.6	9.8				6.0	7.1	8.2						4.4	5.5	6.6							38		
40	8.8	9.7	10.6	11.7			7.1	8.1	9.0				5.5	6.4	7.5						3.9	4.8	5.9							40		
42	8.4	9.2	10.1	11.0			6.7	7.5	8.5				5.0	5.8	6.8						3.3	4.2	5.2							42		
44	7.9	8.7	9.5	10.4			6.2	7.0	7.8				4.5	5.3	6.0						2.8	3.7	4.3							44		
46	7.5	8.2	9.0	9.8			5.8	6.5	7.3	8.2			4.1	4.8	5.6	6.6					2.3	3.2	4.0	5.0						46		
48	7.1	7.8	8.5	9.3	10.2		5.4	6.1	6.8	7.7			3.7	4.4	5.1	6.0					1.9	2.7	3.5	4.4						48		
50	6.8	7.4	8.1	8.8	9.6		5.1	5.7	6.4	7.1	6.4		3.1	4.0	4.7	5.4						2.2	3.0	3.8						50		
52	6.5	7.0	7.7	8.4	9.1			5.3	5.9	6.7	6.1			3.1	4.2	5.0							2.4	3.3						52		
54		7.0	7.3	8.0	8.7	8.6			5.6	6.2	5.8				3.8	4.5							2.0	2.8						54		
56		6.4	7.0	7.5	8.2	8.1			5.2	5.8	5.4				3.3	4.1								2.3						56		
58			6.7	7.2	7.9	7.7				5.5	5.2					3.7								1.9						58		
60			6.4	6.9	7.4	7.2				5.1	5.0					3.2														60		
62				6.6	7.1	6.8					4.8																			62		
64					6.8	6.4					4.6																			64		
66					6.5	6.1																								66		
68						5.8																								68		
70																														70		
72																														72		

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US LJ Operating Condition Jib Hook (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	Jib length (m)	40.5																Boom length (m)		
		22						25						28				Jib length (m)	Load radius (m)	
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68		63
10																				10
12		54.6						54.6												12
14		54.6						54.6						54.6						14
16		50.2	49.6					51.1						50.2						16
18		41.9	44.3					42.7	43.9					42.8						18
20		35.7	40.0					36.4	39.7					36.6	38.9					20
22		30.9	36.4	34.3				31.6	36.2	34.2				31.8	35.4					22
24		25.8	33.5	31.4				27.7	33.3	31.3				27.9	32.5					24
26			30.2	28.5	27.0			24.6	30.3	28.5				24.8	29.8	28.1				26
28			25.5	25.9	24.6				27.4	25.9	24.5			22.1	27.4	25.8				28
30				23.8	22.5				24.3	23.8	22.4				24.5	23.6				30
32					20.8	19.4				21.9	20.7					21.8	20.6			32
34					19.3	18.0				20.3	19.2	17.9				20.1	19.0			34
36						16.7	15.8				17.9	16.6					17.7	16.4		36
38						15.6	14.7					15.5	14.6					15.3		38
40							13.8					14.5	13.7					14.3		40
42													12.9						12.6	42
44													12.0						11.9	44
46																			11.2	46
48																				48
50																				50
52																				52
54																				54
56																				56
58																				58
60																				60
62																				62
64																				64
66																				66
68																				68
70																				70
72																				72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	40.5																	Boom length (m)		
Jib length (m)	31						34						37					Jib length (m)		
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
10																				10
12																				12
14	54.6																			14
16	49.3						45.3						41.3							16
18	42.9						40.8						38.7							18
20	36.7	38.0					36.3						35.9							20
22	31.9	34.7					32.4	34.0					32.9	33.4						22
24	28.1	31.8					28.6	31.2					29.1	30.6						24
26	25.0	29.4	27.6				25.4	28.8					25.8	28.3						26
28	22.3	27.3	25.6				22.7	26.8	25.1				23.2	26.2	24.6					28
30	20.2	24.8	23.5				20.6	24.6	23.2				20.9	24.4	22.8					30
32	18.3	22.2	21.6	20.4			18.6	22.5	21.5				19.0	22.7	21.4					32
34		20.1	20.0	18.9			16.9	20.3	20.0	18.8			17.3	20.6	20.1	18.8				34
36		18.2	18.6	17.5	16.2			18.4	18.6	17.5			15.9	18.7	18.7	17.4				36
38			17.3	16.3	15.1				17.4	16.3			14.5	17.1	17.4	16.2				38
40			16.2	15.3	14.2				16.3	15.2	14.2			15.7	16.3	15.2	14.2			40
42				14.4	13.3	12.4				14.3	13.3			14.4	15.3	14.3	13.3			42
44					12.4	11.7					12.5				14.4	13.5	12.5			44
46					11.8	11.0					11.8	11.0			13.7	12.6	11.8	10.9		46
48						10.4						10.4				12.0	11.1	10.3		48
50						9.9						9.8					10.5	9.8		50
52												9.4					10.0	9.3		52
54																		8.8		54
56																		8.4		56
58																				58
60																				60
62																				62
64																				64
66																				66
68																				68
70																				70
72																				72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

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3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)	
Boom length (m)	40.5																								Boom length (m)	
Jib length (m)	40						43						46						49						Jib length (m)	
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)	
Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	
12																									12	
14																										14
16	35.8						30.3																			16
18	33.7						28.8																			18
20	31.3						26.7						23.4							20.2						20
22	28.8						24.7						21.7							18.7						22
24	26.1	27.9					23.1	25.2					20.2							17.4						24
26	23.7	25.9					21.5	23.5					18.9	20.8						16.2	18.1					26
28	21.7	24.1					20.2	22.0					17.7	19.4						15.2	16.9					28
30	20.0	22.5	22.3				19.1	20.7	21.8				16.7	18.3						14.2	15.8					30
32	18.5	21.1	20.9				18.1	19.5	20.4				15.7	17.1						13.4	14.8					32
34	17.2	19.5	19.6				17.1	18.5	19.1				14.9	16.2	17.1					12.7	14.0	15.1				34
36	15.9	18.1	18.3				15.8	17.4	18.0				13.8	15.3	16.1					11.9	13.2	14.2				36
38	14.5	16.9	17.1	16.0			14.6	16.6	16.8	15.7			12.8	14.5	15.1					11.1	12.4	13.3				38
40	13.4	15.8	16.1	15.0			13.4	15.8	15.9	14.8			11.8	13.8	14.2					10.3	11.8	12.5				40
42		14.5	15.1	14.1			12.4	14.7	14.9	13.9			11.1	12.9	13.3	13.0				9.7	11.0	11.8	12.2			42
44			14.2	13.2	12.3		11.3	13.6	14.0	13.0	12.0			10.2	12.0	12.5	12.2			9.1	10.4	11.1	11.5			44
46			13.4	12.4	11.6			12.5	13.2	12.2	11.3			9.2	11.1	11.8	11.5			8.3	9.7	10.4	10.8			46
48				11.8	10.9			11.6	12.4	11.5	10.6				10.4	11.2	10.8	10.6			9.1	9.9	10.2	10.5		48
50					10.3	9.5			11.8	10.9	10.0	9.2			10.6	10.3	10.0					9.4	9.6	9.9		50
52					9.7	9.0			11.2	10.3	9.5	8.7			10.1	9.8	9.5					8.9	9.2	9.4		52
54						8.5				9.8	9.0	8.2				9.2	8.9						8.7	8.9		54
56						8.1					8.6	7.8					8.5	7.7						8.5	7.6	56
58						8.0					8.2	7.7					8.1	7.5						8.1	7.3	58
60												7.0													6.8	60
62												6.7													6.5	62
64																									6.2	64
66																										66
68																										68
70																										70
72																										72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)	
Boom length (m)	40.5																								Boom length (m)	
Jib length (m)	52						55						58						61						Jib length (m)	
Load radius (m) \ Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m) \ Boom angle (°)	
12																									12	
14																										14
16																										16
18																										18
20	16.9																									20
22	15.7						13.6						11.5								9.4					22
24	14.6						12.6						10.6								8.7					24
26	13.6	15.4					11.7						9.9								8.1					26
28	12.6	14.3					10.9						9.2								7.4					28
30	11.8	13.4					10.2	11.6					8.6	9.8							6.9	8.0				30
32	11.1	12.4					9.6	10.7					8.1	9.0							6.5	7.3				32
34	10.5	11.7	13.2				8.9	10.1					7.3	8.5							5.7	6.8				34
36	9.9	11.0	12.3				8.3	9.5					6.7	7.9							5.1	6.3				36
38	9.3	10.3	11.5				7.7	8.7	9.9				6.0	7.2	8.3						4.4	5.6	6.7			38
40	8.8	9.8	10.8				7.1	8.2	9.2				5.5	6.5	7.7						3.9	4.9	6.1			40
42	8.4	9.2	10.2	11.3			6.7	7.5	8.6				5.0	5.9	7.0						3.3	4.3	5.4			42
44	8.0	8.8	9.7	10.7			6.3	7.1	8.1				4.6	5.4	6.4						2.9	3.8	4.8			44
46	7.5	8.3	9.1	10.1			5.8	6.6	7.4	8.5			4.1	4.9	5.8	6.8					2.3	3.2	4.2	5.2		46
48	7.1	7.9	8.7	9.5	10.5		5.4	6.2	7.0	7.9			3.7	4.5	5.3	6.2					1.9	2.8	3.6	4.6		48
50	6.8	7.4	8.2	9.0	9.9		5.1	5.7	6.5	7.3	6.6		3.3	4.0	4.8	5.6					2.2	3.1	4.0			50
52	6.5	7.1	7.8	8.6	9.4			5.4	6.1	6.9	6.3			3.6	4.4	5.2					1.8	2.7	3.5			52
54	6.2	6.8	7.4	8.2	8.9			5.0	5.7	6.4	5.9			3.2	3.9	4.7						2.1	3.0			54
56		6.5	7.0	7.8	8.5	7.5			5.3	6.0	5.6				3.5	4.3							2.6			56
58			6.7	7.3	8.1	7.1			4.9	5.6	5.4					3.8							2.0			58
60			6.5	7.0	7.7	6.7				5.2	5.1					3.4										60
62				6.7	7.2	6.3					4.8															62
64				6.4	6.8	6.0					4.6															64
66					6.5	5.7					4.4															66
68						5.4																				68
70						5.1																				70
72																										72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

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Load Chart of SCC3000US LJ Operating Condition Jib Hook (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	43.5																	Boom length (m)		
Jib length (m)	22						25						28					Jib length (m)	Load radius (m)	
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
10																				10
12	54.6						54.6													12
14	54.6						54.6						53.8							14
16	50.7	48.2					50.4						49.3							16
18	42.2	43.0					43.0	42.8					43.1							18
20	36.0	38.9					36.7	38.7					36.8	37.9						20
22	31.1	35.5	33.2				31.8	35.3					32.0	34.6						22
24	26.2	32.6	30.4				27.9	32.4	30.4				28.1	31.7						24
26		30.0	28.1				24.7	30.0	28.1				24.9	29.3	27.4					26
28		26.9	25.6	24.1				27.3	25.5	24.0			22.2	27.0	25.1					28
30			23.5	22.0				24.8	23.4	21.9				24.8	23.2					30
32			21.6	20.3	18.8				21.5	20.3					21.4	20.1				32
34				18.8	17.3				20.0	18.8	17.3				19.8	18.6				34
36					16.1					17.4	16.0					17.3				36
38					15.1	14.1				16.3	15.0					16.1	14.8			38
40						13.2					14.0	13.1					13.8			40
42						12.3					13.2	12.2					13.0			42
44												11.5							11.4	44
46																			10.6	46
48																				48
50																				50
52																				52
54																				54
56																				56
58																				58
60																				60
62																				62
64																				64
66																				66
68																				68
70																				70
72																				72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.
3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																				(Unit: t)	
Boom length (m)	43.5																		Boom length (m)		
Jib length (m)	31						34						37						Jib length (m)		
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)	
10																			10		
12																			12		
14	53.0																		14		
16	48.2						44.5						40.7						16		
18	43.2						41.1						38.9						18		
20	36.9	37.1					36.5						36.0						20		
22	32.1	33.9					32.6	33.2					33.2	32.5					22		
24	28.3	31.0					28.7	30.4					29.2	29.9					24		
26	25.1	28.7	26.7				25.5	28.1					25.9	27.5					26		
28	22.4	26.6	24.8				22.8	26.1	24.3				23.3	25.6	23.8				28		
30	20.2	24.9	23.1				20.6	24.4	22.6				21.0	23.9	22.1				30		
32	18.3	22.6	21.2	19.9			18.7	22.5	21.0				19.1	22.3	20.7				32		
34		20.4	19.7	18.4			17.0	20.6	19.5				17.4	20.8	19.4				34		
36		18.5	18.3	17.1				18.7	18.3	17.0			15.9	19.0	18.3	16.8			36		
38			17.0	15.9	14.6				17.1	15.9			14.6	17.3	17.1	15.8			38		
40			16.0	14.9	13.7				16.0	14.8				15.9	16.0	14.8			40		
42				14.0	12.8					13.9	12.8			14.6	15.1	13.9	12.9		42		
44				13.2	12.0	11.2				13.1	12.0				14.2	13.1	12.0		44		
46					11.3	10.5					11.3				13.4	12.3	11.3		46		
48					10.7	9.9				10.7	9.8					11.6	10.7	9.8	48		
50						9.4					9.3					11.0	10.1	9.2	50		
52											8.8						9.6	8.7	52		
54																	9.1	8.3	54		
56																		7.9	56		
58																			58		
60																			60		
62																			62		
64																			64		
66																			66		
68																			68		
70																			70		
72																			72		

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																								(Unit: t)		
Boom length (m)	43.5																							Boom length (m)		
Jib length (m)	40						43						46						49						Jib length (m)	
Load radius (m) \ Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m) \ Boom angle (°)	
12																								12		
14																									14	
16	35.5						30.3																		16	
18	33.9						28.9																		18	
20	31.3						26.6						23.4								20.2				20	
22	29.0						24.8						21.8								18.7				22	
24	26.1	27.7					23.1	25.5					20.2								17.4				24	
26	23.8	25.7					21.6	23.8					18.9								16.3				26	
28	21.8	23.9					20.3	22.2					17.7	19.7							15.2	17.1			28	
30	20.0	22.4					19.1	20.9					16.7	18.4							14.2	15.9			30	
32	18.6	21.0	20.2				18.1	19.7	19.7				15.7	17.3							13.4	15.0			32	
34	17.3	19.7	18.9				17.1	18.6	18.5				14.9	16.3							12.7	14.1			34	
36	15.9	18.3	17.8				15.8	17.6	17.3				13.8	15.5	15.7						11.9	13.3	14.1		36	
38	14.6	17.0	16.7	15.4			14.6	16.7	16.3	15.0			12.8	14.6	14.8						11.1	12.5	13.3		38	
40	13.5	15.9	15.7	14.4			13.5	15.9	15.4	14.1			11.9	13.9	13.9						10.3	11.8	12.5		40	
42		14.7	14.8	13.8			12.4	14.9	14.6	13.7			11.1	13.0	13.2	13.0					9.7	11.2	11.8	12.3	42	
44			13.9	12.8	11.8		11.4	13.8	13.7	12.5	11.5		10.3	12.1	12.4	12.0					9.1	10.4	11.1	11.5	44	
46			13.1	12.1	11.1			12.8	12.9	11.8	10.8		9.2	11.3	11.7	11.3					8.3	9.8	10.5	10.8	46	
48				11.4	10.4			11.8	12.1	11.1	10.1			10.5	11.0	10.7					9.2	9.9	10.2		48	
50				10.8	9.8				11.5	10.5	9.5				10.5	10.1	9.5					9.4	9.6	9.6	50	
52					9.3	8.4			10.9	9.9	9.0	8.2			9.9	9.5	9.0	8.0				8.9	9.1	9.0	52	
54					8.8	8.0				9.4	8.6	7.7				9.0	8.6	7.6					8.6	8.6	54	
56						7.5				9.0	8.1	7.2				8.6	8.1	7.2					8.2	8.1	56	
58							7.0				7.7	6.8					7.7	6.8						7.7	6.6	58
60											7.3	6.5					7.3	6.4						7.2	6.3	60
62												6.2						6.1							6.0	62
64																									5.6	64
66																										66
68																										68
70																										70
																										72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.

3. 额定载荷在倾翻载荷的75%以内。





Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																								(Unit: t)		
Boom length (m)	43.5																							Boom length (m)		
Jib length (m)	52						55						58						61						Jib length (m)	
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)	
Boom angle (°)																								Boom angle (°)		
12																									12	
14																										14
16																										16
18																										18
20	17.0																									20
22	15.7						13.6						11.6								9.5					22
24	14.6						12.6						10.7								8.8					24
26	13.6						11.7						9.9								8.1					26
28	12.6	14.5					10.9						9.2								7.5					28
30	11.8	13.5					10.2	11.7					8.6	9.9							6.9	8.1				30
32	11.1	12.6					9.6	10.9					8.1	9.2							6.5	7.4				32
34	10.5	11.8					8.9	10.2					7.4	8.6							5.8	6.9				34
36	9.9	11.1	12.5				8.3	9.6					6.7	8.0							5.1	6.4				36
38	9.3	10.4	11.7				7.7	8.8					6.1	7.3							4.5	5.7				38
40	8.8	9.8	11.0				7.1	8.2	9.5				5.5	6.6	7.9						3.9	5.0	6.3			40
42	8.4	9.3	10.4	11.6			6.7	7.7	8.8				5.0	6.0	7.2						3.4	4.4	5.6			42
44	8.0	8.8	9.8	10.9			6.3	7.1	8.2				4.6	5.4	6.6						2.9	3.8	5.0			44
46	7.5	8.4	9.3	10.3			5.8	6.7	7.7				4.1	5.0	6.0						2.3	3.3	4.4			46
48	7.1	8.0	8.8	9.8			5.4	6.2	7.1	8.2			3.7	4.5	5.4	6.5					1.9	2.8	3.8	4.9		48
50	6.8	7.5	8.4	9.2	9.6		5.1	5.8	6.7	7.5			3.3	4.1	5.0	5.9						2.3	3.3	4.3		50
52	6.5	7.1	7.9	8.8	9.0			5.4	6.2	7.1	6.0			3.7	4.5	5.4						1.9	2.8	3.7		52
54	6.2	6.8	7.5	8.3	8.6			5.1	5.8	6.6	5.7			3.3	4.1	4.9							2.3	3.2		54
56		6.5	7.1	7.9	8.1				5.4	6.1	5.4				3.6	4.4							1.8	2.7		56
58			6.8	7.5	7.7	6.8			5.0	5.8	5.1				3.1	4.0								2.2		58
60			6.5	7.1	7.1	6.1				5.3	4.8					3.5										60
62				6.8	6.8	5.8				5.0	4.6															62
64					6.5	6.4	5.5				4.3															64
66						6.1	5.1				4.1															66
68							5.8	4.9			3.9															68
70								4.6																		70
72								4.4																		72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)		
Boom length (m)		46.5																	Boom length (m)		
Jib length (m)		22					25						28						Jib length (m)		
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		12	54.6						54.6							47.9					
14	54.6						54.6							47.9						14	
16	49.9	47.0					49.5							45.4						16	
18	42.5	42.1					43.4	41.8						42.3						18	
20	36.2	37.9					36.9	37.8						37.1	37.0					20	
22	31.3	34.6	32.2				32.0	34.5	29.5					32.1	33.8					22	
24	26.5	31.8	29.5				28.1	31.7	27.2					28.2	31.1					24	
26		29.5	27.2				24.8	29.4	25.2					25.0	28.7	25.6				26	
28		27.1	25.2	23.4				27.1	23.1	21.5				22.2	26.6	23.6				28	
30			23.1	21.6				24.9	21.2	19.8					24.6	21.8				30	
32			21.3	19.9					19.7	18.4						20.3	18.9			32	
34				18.4	16.8					17.0	15.6						17.5			34	
36				17.1	15.7					15.9	14.5						16.3			36	
38					14.6	13.6					13.6	12.5						13.8		38	
40					13.7	12.6					12.8	11.8						13.0		40	
42						11.9						11.1							11.2	42	
44						11.2						10.4							10.6	44	
46																				46	
48																				48	
50																				50	
52																				52	
54																				54	
56																				56	
58																				58	
60																				60	
62																				62	
64																				64	
66																				66	
68																				68	
70																				70	
72																				72	
74																				74	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)		
Boom length (m)		46.5															Boom length (m)				
Jib length (m)		31					34					37					Jib length (m)				
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		12																			
14	41.3																			14	
16	41.3						40.4						39.5							16	
18	41.3						40.1						38.9							18	
20	37.2	36.2					36.7						36.1							20	
22	32.2	33.0					32.8	32.4					33.5	31.8						22	
24	28.4	30.4					28.9	29.8					29.4	29.2						24	
26	25.2	28.1	26.0				25.7	27.5					26.1	26.9						26	
28	22.5	26.0	24.1				23.0	25.5					23.4	25.0						28	
30	20.3	24.3	22.4				20.7	23.8	22.0				21.1	23.3	21.5					30	
32	18.4	22.7	20.9	19.4			18.8	22.3	20.5				19.2	21.8	20.1					32	
34		20.7	19.4	18.0			17.0	20.6	19.1				17.4	20.5	18.9					34	
36		18.8	18.0	16.7				19.0	17.9	16.5			16.0	19.3	17.7	16.2				36	
38			16.7	15.6	14.1				16.7	15.5			14.7	17.6	16.7	15.3				38	
40			15.7	14.6	13.2				15.8	14.5				16.1	15.8	14.4				40	
42				13.7	12.3					13.6	12.4			14.8	14.8	13.6	12.4			42	
44				12.9	11.6	10.7				12.8	11.6				14.0	12.8	11.6			44	
46					10.9	10.1					10.9				13.2	12.0	10.9			46	
48					10.3	9.5					10.3	9.4				11.3	10.3	9.3		48	
50						8.9						8.8				10.7	9.7	8.7		50	
52						8.4						8.3					9.2	8.2		52	
54																	8.8	7.8		54	
56																		7.2		56	
58																		6.9		58	
60																				60	
62																				62	
64																				64	
66																				66	
68																				68	
70																				70	
72																				72	
74																				74	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																										(Unit: t)								
Boom length (m)		46.5																								Boom length (m)								
Jib length (m)		40						43						46						49						Jib length (m)								
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)	
		12																														12		
14																														14				
16		34.9						30.3																						16				
18		33.9						29.0																						18				
20		31.4						26.7						23.5											20.3					20				
22		29.1						24.8						21.8											18.8					22				
24		26.3	27.5					23.2	25.8					20.3											17.4					24				
26		23.9	25.5					21.6	24.1					19.0											16.3					26				
28		21.8	23.8					20.3	22.5					17.8	19.9										15.3	17.3				28				
30		20.1	22.2					19.2	21.1					16.8	18.6										14.3	16.2				30				
32		18.6	20.9	19.6				18.1	19.9	19.1				15.7	17.5										13.4	15.1				32				
34		17.3	19.6	18.4				17.1	18.8	17.9				14.9	16.5										12.7	14.2				34				
36		16.0	18.5	17.2				15.9	17.7	16.7				13.9	15.6	15.4									11.9	13.4	14.1			36				
38		14.6	17.3	16.3				14.6	16.9	15.8				12.8	14.8	14.5									11.1	12.6	13.2			38				
40		13.5	16.1	15.4	14.0			13.5	16.1	14.9	13.6			11.9	14.0	13.7									10.3	12.0	12.4			40				
42			14.9	14.4	13.2			12.4	15.1	14.1	12.8			11.1	13.2	12.9									9.7	11.3	11.8			42				
44				13.7	12.4			11.5	14.0	13.4	12.0			10.3	12.3	12.2	11.8								9.1	10.6	11.1	11.5		44				
46				12.9	11.7	10.6			12.9	12.6	11.4	10.3			9.2	11.4	11.7	11.2							8.3	9.9	10.7	10.9		46				
48					11.1	10.0			11.9	11.9	10.8	9.7				10.6	10.9	10.5								9.3	9.9	10.3			48			
50					10.5	9.4				11.2	10.2	9.2					10.3	9.9									9.4	9.7			50			
52						8.9	8.0			10.7	9.6	8.7	7.8				9.8	9.4	8.6							8.9	9.1	8.6			52			
54						8.5	7.5				9.1	8.2	7.2					8.9	8.1									8.7	8.1			54		
56							7.1				8.7	7.8	6.9					8.5	7.7									8.3	7.7			56		
58							6.7					7.3	6.4						7.3	6.3									7.2	6.2			58	
60												7.0	6.1						6.9	6.0									6.8	5.8			60	
62													5.8							5.6										5.5				62
64													5.6							5.4										5.2				64
66																														4.8				66
68																																		68
70																																		70
72																																		72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)	
Boom length (m)	46.5																								Boom length (m)	
Jib length (m)	52						55						58						61						Jib length (m)	
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)	
Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	
12																									12	
14																										14
16																										16
18																										18
20	17.1																									20
22	15.8						13.7						11.6						9.5							22
24	14.6						12.6						10.7						8.8							24
26	13.7						11.8						10.0						8.2							26
28	12.8	14.7					11.0						9.3						7.5							28
30	11.9	13.7					10.3	11.8					8.7	10.0					7.0	8.2						30
32	11.1	12.8					9.5	11.0					7.9	9.3					6.2	7.5						32
34	10.5	11.9					8.9	10.3					7.4	8.7					5.8	7.0						34
36	9.9	11.2	12.8				8.3	9.7					6.7	8.1					5.1	6.5						36
38	9.3	10.5	11.9				7.7	8.9					6.1	7.4					4.5	5.8						38
40	8.8	9.9	11.2				7.1	8.3	9.7				5.5	6.7	8.1				3.9	5.1	6.5					40
42	8.4	9.4	10.6				6.7	7.8	9.0				5.0	6.1	7.4				3.4	4.5	5.8					42
44	8.0	8.9	10.0	11.2			6.3	7.2	8.4				4.6	5.5	6.8				2.9	3.9	5.2					44
46	7.5	8.4	9.7	10.6			5.8	6.7	8.0				4.1	5.0	6.2				2.3	3.4	4.5					46
48	7.1	8.0	8.9	10.0			5.4	6.3	7.2	8.4			3.7	4.6	5.6	6.7			1.9	2.9	4.0	5.1				48
50	6.8	7.5	8.5	9.4			5.1	5.8	6.8	7.8			3.3	4.1	5.1	6.1				2.4	3.4	4.5				50
52	6.5	7.2	8.1	8.9	8.6			5.5	6.3	7.2				3.7	4.6	5.5				1.9	2.9	3.9				52
54	6.2	6.8	7.7	8.5	8.1			5.0	5.9	6.8	5.4			3.2	4.2	5.1					2.4	3.4				54
56		6.5	7.2	8.1	7.7				5.5	6.3	5.1				3.8	4.6					2.0	2.9				56
58		6.3	6.9	7.7	7.1	6.0			5.1	5.9	4.8				3.3	4.2						2.4				58
60			6.6	7.2	6.7	5.6				5.5	4.5					3.8						2.0				60
62			6.3	6.9	6.4	5.3				5.1	4.3					2.3										62
64				6.6	6.0	5.0					4.0															64
66				6.4	5.7	4.7					3.8															66
68					5.4	4.4					3.6															68
70						4.2																				70
72						4.0																				72

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)		
Boom length (m)		49.5																	Boom length (m)		
Jib length (m)		22					25					28							Jib length (m)		
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		12	54.6						41.3							41.3					
14	54.6						41.3							41.3						14	
16	48.9						41.3							41.3						16	
18	42.8	40.9					41.3	40.7						41.3						18	
20	36.4	36.9					37.2	36.8						37.3	36.1					20	
22	31.4	33.7					32.1	33.7						32.3	32.9					22	
24	26.9	31.0	28.5				28.2	30.9	28.6					28.3	30.2					24	
26		28.7	26.3				24.9	28.7	26.3					25.1	28.0					26	
28		26.8	24.4					26.6	24.5					22.2	26.0	23.9				28	
30			22.7	20.8				24.7	22.6	21.0					24.2	22.2				30	
32			20.9	19.5				22.4	20.9	19.3					22.3	20.6				32	
34				18.1	16.2				19.3	17.9						19.1	17.6			34	
36				16.8	15.1				18.0	16.6	15.0					17.8	16.5			36	
38					14.1					15.5	14.0						15.4			38	
40					13.2	12.1				14.5	13.1						14.4	12.9		40	
42						11.4					12.2	11.2						12.0		42	
44						10.7					11.5	10.5						11.3		44	
46												9.8							9.6	46	
48												9.3							9.1	48	
50																			8.5	50	
52																				52	
54																				54	
56																				56	
58																				58	
60																				60	
62																				62	
64																				64	
66																				66	
68																				68	
70																				70	
72																				72	
74																				74	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipping load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	49.5																	Boom length (m)		
Jib length (m)	31						34						37					Jib length (m)		
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
12																				12
14	41.3																			14
16	41.3						39.6						37.9							16
18	41.3						39.5						37.6							18
20	37.4	35.3					36.8						36.2							20
22	32.4	32.2					32.8	31.6					33.2	31.0						22
24	28.5	29.6					29.0	29.0					29.5	28.5						24
26	25.3	27.3					25.8	26.8					26.2	26.2						26
28	22.6	25.4	23.3				23.1	24.9					23.5	24.4						28
30	20.3	23.7	21.7				20.8	23.2	21.2				21.2	22.6	20.7					30
32	18.4	22.2	20.3				18.8	21.7	19.8				19.2	21.2	19.4					32
34		20.9	19.0	17.3			17.1	20.4	18.6				17.5	19.9	18.2					34
36		19.4	17.6	16.3				19.1	17.3	15.9			16.0	18.8	17.0	15.5				36
38		17.2	16.4	15.3				17.5	16.3	14.9			14.7	17.7	16.1	14.6				38
40			15.4	14.3	12.6				15.3	14.0				16.3	15.2	13.8				40
42			14.5	13.5	11.8				14.5	13.2				15.0	14.5	13.0				42
44				12.6	11.1					12.5	11.1				13.6	12.3	11.0			44
46				11.9	10.4	9.5				11.8	10.4				12.9	11.6	10.4			46
48					9.9	8.9					9.8				12.1	10.9	9.8			48
50					9.4	8.4					9.3	8.2				10.3	9.2	8.0		50
52						7.9						7.7				9.8	8.7	7.5		52
54						7.4						7.2					8.3	7.0		54
56												6.8					7.9	6.6		56
58																		6.2		58
60																		5.9		60
62																				62
64																				64
66																				66
68																				68
70																				70
72																				72
74																				74

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																										(Unit: t)							
Boom length (m)		49.5																								Boom length (m)							
Jib length (m)		40						43						46						49						Jib length (m)							
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		14																														14	
16		34.1						30.3																						16			
18		33.4						29.1																						18			
20		31.5						26.8					23.6											20.4						20			
22		29.0						24.9					21.9											18.8						22			
24		26.3	27.3					23.2	26.2				20.3											17.5						24			
26		24.0	25.3					21.7	24.4				19.0											16.4						26			
28		21.9	23.6					20.4	22.7				17.9	20.1										15.3	17.5					28			
30		20.2	22.0					19.2	21.3				16.8	18.8										14.3	16.4					30			
32		18.7	20.7	18.9				18.2	20.1	18.4			15.8	17.7										13.5	15.3					32			
34		17.3	19.4	17.7				17.1	19.0	17.2			14.9	16.7										12.7	14.3					34			
36		16.0	18.3	16.6				15.9	17.7	16.1			13.9	15.6	15.1									11.9	13.5	14.1				36			
38		14.6	17.3	15.7				14.6	16.8	15.2			12.9	14.8	14.2									11.1	12.7	13.2				38			
40		13.5	16.1	14.7	13.3			13.5	15.9	14.3	12.9			11.9	13.9	13.3								10.3	12.0	12.4				40			
42			15.0	14.0	12.5			12.4	15.1	13.6	12.1			11.1	13.2	12.6								9.7	11.4	11.7				42			
44				13.2	11.9			11.5	14.2	12.9	11.4			10.3	12.4	11.9	11.4							9.1	10.7	11.0	11.4			44			
46				12.5	11.2				13.1	12.2	10.8			9.2	11.5	11.4	10.8							8.3	10.0	10.5	10.8			46			
48				11.9	10.6	9.4			12.0	11.6	10.3	9.1			10.7	10.8	10.3								9.4	9.9	10.2			48			
50					10.0	8.9				11.0	9.8	8.6				10.2	9.8									9.4	9.7			50			
52					9.5	8.4					10.4	9.2	8.2				9.7	9.1	8.1							8.9	9.1	8.1		52			
54						8.0	6.9				9.9	8.8	7.7	6.7				9.2	8.7	7.6						8.5	8.7	7.6		54			
56						7.5	6.5					8.3	7.2	6.3					8.2	7.2							8.2	7.2		56			
58							6.1					8.0	6.8	5.9					7.9	6.8								7.8	6.7		58		
60								5.8					6.5	5.6						6.5	5.4							6.4	5.3		60		
62									5.5					6.2	5.3						6.1	5.1							6.0	4.9		62	
64													5.0								4.8								4.6			64	
66													4.7									4.5								4.4			66
68																														4.0			68
70																																	70
72																																	72
74																																	74

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.





Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																								(Unit: t)			
Boom length (m)		49.5																						Boom length (m)			
Jib length (m)		52					55					58					61					Jib length (m)					
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		14																									
16																											16
18																											18
20		17.1																									20
22		15.8						13.7						11.6							9.5						22
24		14.7						12.7						10.7							8.8						24
26		13.7						11.7						9.8							7.9						26
28		12.8	14.9					10.7						8.7							6.7						28
30		11.9	13.9					9.9						7.9							5.8						30
32		11.2	12.9					9.1	11.1					7.0	9.4						4.9	7.7					32
34		10.5	12.0					8.4	10.4					6.3	8.8						4.2	7.1					34
36		9.9	11.3	13.1				7.8	9.8					5.6	8.2						3.5	6.6					36
38		9.4	10.6	12.2				7.2	9.0					5.0	7.5						2.8	5.9					38
40		8.8	10.0	11.4				6.6	8.4	9.8				4.4	6.8	8.2					2.1	5.2	6.6				40
42		8.4	9.5	10.7				6.0	7.9	9.1				3.7	6.2	7.6						4.6	6.0				42
44		8.0	9.0	10.1	11.4				7.3	8.5				2.7	5.6	6.9						4.0	5.3				44
46		7.5	8.5	9.6	10.8				6.8	8.0					5.1	6.3						3.5	4.7				46
48		7.1	8.1	9.1	10.2				6.4	7.4					4.7	5.7						3.0	4.1				48
50		6.8	7.7	8.6	9.7				5.9	6.9	8.1				4.2	5.2	6.4					2.4	3.6	4.8			50
52		6.5	7.2	8.2	9.1	8.1			5.5	6.5	7.4				3.8	4.8	5.8					2.0	3.1	4.2			52
54		6.2	6.9	7.8	8.7	7.5			5.1	6.0	7.0	5.0			3.2	4.3	5.3						2.6	3.6			54
56			6.6	7.3	8.2	7.1				5.6	6.5	4.8				3.9	4.8						2.1	3.1			56
58			6.3	7.0	7.8	6.6				5.2	6.1	4.4				3.4	4.4							2.7			58
60				6.7	7.4	6.3	5.1				5.7	4.2					3.9							2.1			60
62				6.4	7.0	5.9	4.7				5.2	3.9					3.4										62
64					6.7	5.6	4.4					3.7															64
66					6.4	5.3	4.2					3.5															66
68						5.0	3.9					3.3															68
70						4.7	3.7					3.1															70
72							3.5																				72
74							3.3																				74

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	52.5																	Boom length (m)		
Jib length (m)	22					25						28						Jib length (m)		
Boom Load radius (m) \ Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
12	41.3																		12	
14	41.3						41.3						41.3						14	
16	41.3						41.3						41.3						16	
18	41.3	39.8					41.3	39.7					41.1						18	
20	37.0	35.9					37.4	35.9					37.2	35.2					20	
22	31.9	32.8					32.3	32.8					32.7	32.1					22	
24	27.5	30.2	27.5				28.4	30.2					28.7	29.5					24	
26		27.9	25.4				25.0	27.9	25.5				25.5	27.3					26	
28		26.0	23.6				20.5	26.0	23.7				21.8	25.3	23.1				28	
30			22.0	19.9				24.4	22.0				19.5	23.7	21.5				30	
32			20.6	18.6				22.5	20.5	18.8				22.1	20.0				32	
34			19.2	17.4					19.0	17.3					18.7	16.9			34	
36				16.3	14.7				17.6	16.1					17.5	15.8			36	
38				15.3	13.7					15.1	13.4					14.9			38	
40					12.8					14.1	12.5					14.0			40	
42					11.9	10.7					11.7						11.6		42	
44						10.0					11.0	9.7					10.9		44	
46						9.4						9.1						8.9	46	
48												8.5						8.3	48	
50																		7.7	50	
52																			52	
54																			54	
56																			56	
58																			58	
60																			60	
62																			62	
64																			64	
66																			66	
68																			68	
70																			70	
72																			72	
74																			74	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	52.5																	Boom length (m)		
Jib length (m)	31					34					37					Jib length (m)				
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
12																				12
14	41.3																			14
16	41.3						39.0						36.6							16
18	40.8						38.5						36.1							18
20	37.0	34.5					36.3						35.6							20
22	33.2	31.4					32.8						32.5							22
24	29.1	28.9					29.4	28.3					29.7	27.7						24
26	26.0	26.6					26.2	26.1					26.3	25.6						26
28	23.1	24.7	22.5				23.3	24.2					23.6	23.8						28
30	20.7	23.1	20.9				21.0	22.6	20.5				21.2	22.1	20.0					30
32	18.8	21.6	19.6				19.0	21.2	19.1				19.3	20.7	18.7					32
34		20.4	18.4	16.5			17.1	19.9	18.0				17.5	19.4	17.5					34
36		19.3	17.3	15.5				18.8	16.9				16.1	18.3	16.4					36
38		17.9	16.3	14.7				17.6	15.9	14.3			14.8	17.3	15.5	13.9				38
40			15.3	13.9					15.0	13.5				16.5	14.7	13.1				40
42			14.3	13.1	11.5				14.1	12.7				15.2	13.9	12.3				42
44				12.2	10.8					12.0	10.6			14.0	13.3	11.7	10.3			44
46				11.5	10.1					11.3	9.9				12.5	11.1	9.7			46
48					9.6	8.2					9.4				11.8	10.5	9.3			48
50					9.0	7.7					8.9					9.9	8.8			50
52						7.2						7.0				9.4	8.3	6.8		52
54						6.8							6.6				7.8	6.4		54
56													6.2				7.3	6.0		56
58																		5.6		58
60																		5.3		60
62																				62
64																				64
66																				66
68																				68
70																				70
72																				72
74																				74

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																								(Unit: t)									
Boom length (m)		52.5																						Boom length (m)									
Jib length (m)		40						43						46						49						Jib length (m)							
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		14																															
16																															16		
18		31.7						27.3																						18			
20		31.3						26.9						23.7										20.5						20			
22		28.8						25.0						22.0										18.9						22			
24		26.5						23.3						20.4										17.5						24			
26		24.0	25.1					21.7	24.7					19.0										16.4						26			
28		22.0	23.4					20.4	23.1					17.9	20.4									15.3	17.7					28			
30		20.2	21.9					19.2	21.6					16.8	19.1									14.3	16.5					30			
32		18.7	20.5					18.2	20.3					15.8	17.9									13.5	15.5					32			
34		17.3	19.3	17.5				17.1	19.2	17.5				14.9	16.9									12.7	14.6					34			
36		16.1	18.2	16.5				16.0	18.2	16.5				14.0	15.9									11.9	13.7					36			
38		14.7	17.2	15.6				14.7	17.1	15.6				12.9	15.0	14.6								11.2	12.9	13.5				38			
40		13.6	16.4	14.7	13.1			13.6	16.3	14.7	13.2			12.0	14.2	13.7								10.4	12.2	12.6				40			
42			15.4	13.9	12.4			12.4	15.5	14.0	12.4			11.1	13.5	13.0								9.7	11.6	11.9				42			
44			14.1	13.2	11.7			11.5	14.3	13.1	11.7			10.3	12.5	12.1								9.1	10.7	11.2				44			
46				12.4	11.2				13.3	12.3	11.2			9.2	11.7	11.5	10.9							8.3	10.1	10.6	10.5			46			
48				11.7	10.5	9.1			12.2	11.6	10.5	8.9			10.8	10.8	10.2							9.5	10.0	10.0				48			
50					9.9	8.5			11.3	11.0	10.0	8.3			10.1	10.2	9.7							8.9	9.5	9.5				50			
52						9.4	8.0				10.4	9.4	7.8			9.7	9.2									9.0	9.0			52			
54							7.5				9.9	9.0	7.3				9.2	8.8	7.2							8.5	8.6	7.1		54			
56							7.1	5.9				8.5	6.8	5.7				8.3	6.7								8.1	6.6		56			
58								5.5				8.1	6.5	5.4					7.9	6.4							7.7	6.3		58			
60									5.2				6.1	5.1						6.0								5.9		60			
62									4.8					5.8	4.7						5.7	4.5						5.5	4.4	62			
64														4.5								4.3							4.1	64			
66														4.2									4.0						3.8	66			
68																													3.6	68			
70																														70			
72																														72			
74																														74			
76																														76			

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																								(Unit: t)	
Boom length (m)	52.5																							Boom length (m)	
Jib length (m)	52						55						58						61						Jib length (m)
Load radius (m) \ Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m) \ Boom angle (°)
14																								14	
16																									16
18																									18
20	17.2																								20
22	15.9						13.8						11.7						9.6						22
24	14.7						12.7						10.7						8.8						24
26	13.7						11.7						9.8						7.9						26
28	12.8	15.1					10.8						8.8						6.8						28
30	11.9	14.0					9.9						7.9						5.8						30
32	11.2	13.1					9.1	11.3					7.1	9.5					5.0	7.8					32
34	10.5	12.2					8.4	10.5					6.3	8.8					4.2	7.1					34
36	9.9	11.4					7.8	9.9					5.6	8.3					3.5	6.7					36
38	9.4	10.7	12.4				7.2	9.2					5.0	7.7					2.8	6.1					38
40	8.9	10.1	11.6				6.6	8.5	10.0				4.4	7.0	8.4				2.1	5.4	6.8				40
42	8.4	9.6	10.9				6.0	8.0	9.4				3.7	6.3	7.9					4.7	6.3				42
44	8.0	9.0	10.3					7.3	8.7					5.7	7.2					4.1	5.6				44
46	7.5	8.6	9.7	10.2				6.9	8.1					5.2	6.5					3.6	4.9				46
48	7.1	8.1	9.2	9.7				6.4	7.5					4.7	5.9					3.1	4.3				48
50	6.8	7.7	8.7	9.2				6.0	7.0	7.8				4.3	5.3	6.4				2.6	3.7	5.0			50
52	6.5	7.3	8.3	8.8				5.6	6.6	7.3				3.9	4.9	5.8				2.1	3.2	4.4			52
54	6.2	6.9	7.9	8.4	7.0			5.2	6.1	6.9				3.4	4.4	5.4					2.7	3.9			54
56		6.6	7.4	8.0	6.5				5.7	6.4	4.4				4.0	4.8					2.2	3.3			56
58		6.3	7.1	7.5	6.1				5.4	6.0	4.1				3.6	4.4					1.8	2.9			58
60			6.7	7.1	5.8				4.9	5.5	3.9				3.1	3.9						2.3			60
62			6.5	6.8	5.4	4.2				5.2	3.6					3.6						1.9			62
64				6.4	5.1	3.9				4.8	3.4					3.1									64
66				6.1	4.8	3.6					3.2														66
68					4.5	3.4					3.0														68
70					4.3	3.2					2.9														70
72					4.1	3.0					2.7														72
74						2.8																			74
76						2.6																			76

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	55.5																	Boom length (m)		
Jib length (m)	22						25						28					Jib length (m)		
Load radius (m) / Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°) / Load radius (m)	
12	41.3																		12	
14	41.3						41.3												14	
16	41.3						41.0												16	
18	38.0	38.6					37.4												18	
20	35.1	34.9					34.5	35.0											20	
22	32.1	31.8					31.9	31.9											22	
24	27.9	29.3	26.4				28.9	29.4											24	
26		27.1	24.4				25.5	27.1	24.6										26	
28		25.3	22.6				21.1	25.3	22.7										28	
30		23.8	21.1	18.9				23.7	21.2										30	
32			19.8	17.6				22.3	19.9	18.3									32	
34			18.7	16.5					18.8	16.8									34	
36				15.6	13.8				17.4	15.7									36	
38				14.8	13.0					14.6	13.0								38	
40					12.1					13.7	12.1								40	
42					11.4	9.4				12.8	11.3								42	
44					10.7	9.2					10.6	8.9							44	
46						8.6					10.0	8.3							46	
48						8.1						7.8							48	
50												7.2							50	
52																			52	
54																			54	
56																			56	
58																			58	
60																			60	
62																			62	
64																			64	
66																			66	
68																			68	
70																			70	
72																			72	
74																			74	

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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	55.5																	Boom length (m)		
Jib length (m)	31						34						37					Jib length (m)		
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
12																				12
14	41.3																			14
16	40.5						36.7						32.8							16
18	36.9						34.6						32.2							18
20	34.0						32.7						31.5							20
22	31.4	30.5					31.0						30.6							22
24	29.2	28.1					28.8	27.5					28.5	26.9						24
26	25.9	25.9					26.2	25.4					26.4	24.9						26
28	23.2	24.1	21.6				23.4	23.6					23.7	23.1						28
30	20.8	22.4	20.2				21.1	22.0					21.3	21.5						30
32	18.8	21.0	18.9				19.1	20.6	18.4				19.4	20.1	18.0					32
34	15.9	19.8	17.6				16.8	19.3	17.2				17.6	18.9	16.8					34
36		18.8	16.6	14.7				18.3	16.2				16.1	17.7	15.8					36
38		17.9	15.7	13.9				17.3	15.3	13.5			14.8	16.8	14.9	13.1				38
40			14.9	13.1				14.5	12.7					15.9	14.1	12.3				40
42			14.0	12.4	10.8			13.7	12.0					15.2	13.4	11.6				42
44				11.8	10.1				11.4					14.2	12.6	11.0				44
46				11.1	9.5				10.8	9.2					12.0	10.4	9.0			46
48				10.5	8.9	7.4			10.3	8.7					11.5	10.0	8.5			48
50					8.4	6.9				8.2						9.5	8.1			50
52					7.9	6.5				7.8	6.3					9.0	7.7	6.1		52
54						6.1					5.9					8.6	7.2	5.7		54
56						5.7					5.5						6.8	5.3		56
58											5.2						6.4	5.0		58
60																		4.7		60
62																		4.4		62
64																				64
66																				66
68																				68
70																				70
72																				72
74																				74

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

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3. The rated load is within 75% of the tipover load.



Load Charts of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																										(Unit: t)							
boom length (m)		55.5																								Boom length (m)							
Jib length (m)		40						43						46						49						Jib length (m)							
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		14																														14	
16																														16			
18		29.8						27.3																						18			
20		29.3						27.0						23.8											20.5					20			
22		27.8						25.0						22.0										18.9						22			
24		25.9						23.3						20.4										17.6						24			
26		24.1	24.8					21.8	24.8					19.1										16.4						26			
28		22.0	23.1					20.4	23.1					17.9	20.5									15.3	17.9					28			
30		20.3	21.5					19.3	21.5					16.8	19.1									14.4	16.6					30			
32		18.8	20.1					18.2	20.1					15.8	17.8									13.5	15.5					32			
34		17.4	18.9	16.9				17.2	18.9	16.9				15.0	16.7									12.8	14.5					34			
36		16.1	17.8	15.9				16.0	17.9	15.9				14.0	15.7									11.9	13.6					36			
38		14.7	16.8	14.9				14.7	16.8	15.0				12.9	14.8	14.2								11.2	12.8	13.4				38			
40		13.6	15.9	14.1				13.6	15.9	14.2				12.0	14.0	13.4								10.4	12.1	12.6				40			
42			15.1	13.4	11.7			12.5	15.1	13.4	11.8			11.2	13.3	12.6								9.8	11.4	11.9				42			
44			14.3	12.7	11.1			11.5	14.4	12.8	11.1			10.3	12.6	12.0								9.1	10.8	11.3				44			
46				12.0	10.5				13.4	12.0	10.6				11.8	11.3	10.3							10.2	10.6	10.0				46			
48				11.5	10.0				12.4	11.4	10.1				11.0	10.7	9.8							9.6	10.1	9.5				48			
50					9.5	7.9			11.4	10.7	9.6	7.7			10.2	10.1	9.3							9.0	9.5	9.0				50			
52					9.0	7.4				10.2	9.1	7.1				9.6	8.8								9.0	8.5				52			
54					8.6	7.0				9.7	8.6	6.7				9.1	8.3	6.6							8.5	8.1	6.5			54			
56					6.6	5.2					8.2	6.3	5.1				7.9	6.2								7.7	6.1			56			
58					6.2	4.8					7.8	5.9	4.7				7.5	5.8								7.3	5.7			58			
60						4.5					7.3	5.6	4.4				7.1	5.5								6.9	5.3			60			
62						4.2						5.2	4.1					5.1	3.9								5.0	3.7		62			
64												5.0	3.9					4.9	3.7								4.7	3.5		64			
66													3.6						3.4									3.2		66			
68													3.4							3.0								2.8		68			
70																														70			
72																														72			
74																														74			
76																														76			

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.





Load Charts of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																								(Unit: t)		
Boom length (m)		55.5																						Boom length (m)		
Jib length (m)		52						55						58						61						Jib length (m)
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)
		14																								14
16																									16	
18																									18	
20		17.2						14.6						11.9						9.2					20	
22		15.9						13.6						11.2						8.9					22	
24		14.8						12.7						10.6						8.5					24	
26		13.7						11.7						9.7						7.7					26	
28		12.8	15.3					10.9	13.1					9.1	10.8					7.3	8.6				28	
30		11.9	14.2					10.2	12.1					8.4	9.9					6.6	7.8				30	
32		11.2	13.2					9.6	11.3					7.9	9.4					6.3	7.5				32	
34		10.5	12.3					8.8	10.6					7.2	8.8					5.5	7.1				34	
36		9.9	11.5					8.4	9.8					6.8	8.1					5.3	6.4				36	
38		9.4	10.8	12.6				7.9	9.2	10.8				6.5	7.7	9.0				5.0	6.1	7.2			38	
40		8.9	10.2	11.8				7.3	8.6	10.1				5.8	6.9	8.3				4.3	5.3	6.5			40	
42		8.4	9.6	11.1				6.9	8.1	9.5				5.5	6.6	7.8				4.1	5.1	6.2			42	
44		8.0	9.1	10.5				6.5	7.5	8.8				5.0	6.0	7.1				3.5	4.4	5.4			44	
46		7.5	8.6	9.9	9.7			6.1	7.1	8.3	9.6			4.7	5.7	6.8	7.1			3.3	4.2	5.2			46	
48		7.1	8.2	9.4	9.2			5.6	6.6	7.9	8.1			4.1	5.1	6.4	7.0			2.6	3.5	4.9	5.9		48	
50		6.8	7.8	8.9	8.7			5.4	6.3	7.3	7.5			3.9	4.8	5.8	6.4			2.5	3.3	4.2	5.2		50	
52		6.5	7.3	8.4	8.3			4.4	5.8	6.9	7.2			2.6	4.2	5.5	6.1				2.7	4.0	5.0		52	
54		6.2	7.0	8.0	7.9	6.4		4.3	5.5	6.4	6.7			2.1	4.0	4.9	5.5				2.5	3.4	4.3		54	
56			6.6	7.5	7.4	6.0			4.4	6.1	6.3	6.7			2.7	4.6	5.2	5.8				3.2	4.1		56	
58			6.4	7.1	7.1	5.6			4.3	5.6	5.9	5.2			2.1	4.1	4.6	4.7				2.6	3.4	4.3	58	
60				6.8	6.7	5.2			3.5	5.4	5.6	4.8				3.9	4.4	4.5				2.4	3.2	4.1	60	
62				6.5	6.4	4.9	3.6			4.3	5.2	4.4				2.6	3.9	4.0					2.6	3.5	62	
64				6.3	6.0	4.6	3.3			3.5	4.8	4.2	3.7			2.0	3.7	3.7	4.1				2.5	3.3	64	
66					5.7	4.3	3.1			3.4	4.4	3.8	3.3				2.6	3.2	3.6				2.7	3.9	66	
68					5.4	4.1					4.2	3.6	3.0				2.0	3.0	3.1				2.5	3.3	68	
70						3.8					3.3	3.0						2.7	2.9					3.1	70	
72						3.6													2.4					2.5	72	
74																								2.3	74	
76																									76	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	58.5																	Boom length (m)		
Jib length (m)	22						25						28					Jib length (m)		
Load radius (m) \ Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
14	40.2						40.0						39.4						14	
16	36.4						36.1						35.6						16	
18	33.3	37.5					32.9						32.5						18	
20	30.6	34.0					30.3	34.1					29.8						20	
22	28.5	31.0					28.1	31.1					27.6	30.4					22	
24	26.7	28.6					26.1	28.7					25.7	28.0					24	
26		26.4	23.6				24.6	26.5	23.8				24.1	25.9					26	
28		24.6	21.8				21.4	24.7	22.0				21.8	24.1					28	
30		23.2	20.4					23.1	20.6					22.5	20.0				30	
32			19.1	16.8				21.7	19.3					21.1	18.7				32	
34			18.0	15.7					18.2	16.6					17.6				34	
36				14.8					17.1	15.4					16.6	14.7			36	
38				14.0	12.1				16.0	14.4					15.6	13.8			38	
40				13.4	11.4					13.5	11.5					13.0			40	
42					10.8					12.5	10.8					12.2			42	
44					10.2	8.7					10.0						9.8		44	
46						8.2					9.4	7.8					9.2		46	
48						7.5					8.8	7.2					8.7		48	
50												6.8						6.5	50	
52												6.3						6.1	52	
54																		5.2	54	
56																			56	
58																			58	
60																			60	
62																			62	
64																			64	
66																			66	
68																			68	
70																			70	
72																			72	
74																			74	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	58.5																	Boom length (m)		
Jib length (m)	31					34					37							Jib length (m)		
Load Boom radius angle (°) (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
14	38.8																		14	
16	35.1						31.2						27.3						16	
18	32.0						29.7						27.3						18	
20	29.4						28.4						27.3						20	
22	27.1	29.8					27.0						26.8						22	
24	25.3	27.3					25.1	27.3					24.9	27.3					24	
26	23.7	25.3					23.5	25.3					23.3	25.3					26	
28	22.2	23.5					22.0	23.5					21.7	23.5					28	
30	20.9	21.9	19.5				20.7	21.9					20.4	21.9					30	
32	19.2	20.5	18.2				19.2	20.6	18.3				19.3	20.6	18.4				32	
34	16.4	19.3	17.0				17.0	19.3	17.1				17.6	19.4	17.2				34	
36		18.3	16.0	14.1				18.3	16.1				16.1	18.3	16.2				36	
38		17.3	15.2	13.3				17.3	15.2				14.8	17.2	15.3				38	
40			14.4	12.4					14.4	12.5				16.4	14.5	12.6			40	
42			13.7	11.8					13.7	11.9				15.4	13.7	11.9			42	
44			13.1	11.2	9.6				13.0	11.2				14.4	12.9	11.2			44	
46				10.7	9.1					10.7	8.9				12.1	10.6	8.7		46	
48				10.2	8.6					10.1	8.4				11.4	10.0	8.2		48	
50					8.1	6.2					7.9				10.8	9.4	7.7		50	
52					7.5	5.8					7.3					8.9	7.1		52	
54						5.5						5.3				8.5	6.7	5.1	54	
56						5.1						4.9					6.3	4.7	56	
58						4.8						4.6					5.9	4.4	58	
60												4.3						4.1	60	
62																		3.9	62	
64																		3.6	64	
66																			66	
68																			68	
70																			70	
72																			72	
74																			74	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																										(Unit: t)					
Boom length (m)	58.5																								Boom length (m)						
Jib length (m)	40						43						46						49						Jib length (m)						
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m)
Boom angle (°)																										Boom angle (°)					
14																												14			
16	27.1						26.9																						16		
18	26.9						26.4																						18		
20	26.2						25.1						22.5											19.9					20		
22	25.1						23.4						20.9										18.5						22		
24	23.4	25.8					21.8	24.3					19.5										17.1						24		
26	21.9	23.9					20.5	22.5					18.3										16.0						26		
28	20.5	22.2					19.3	21.0					17.1										15.0						28		
30	19.3	20.8					18.2	19.7					16.1	17.9									14.1	16.2					30		
32	18.3	19.5	17.3				17.2	18.5	16.3				15.2	16.8									13.2	15.1					32		
34	16.8	18.4	16.3				16.0	17.4	15.4				14.2	15.8									12.3	14.1					34		
36	15.4	17.3	15.4				14.7	16.4	14.5				13.1	14.8									11.5	13.2					36		
38	14.2	16.4	14.5				13.6	15.5	13.7				12.2	14.0	13.4								10.8	12.4	13.2				38		
40		15.6	13.7	11.9			12.5	14.8	13.0	11.2			11.3	13.3	12.7								10.1	11.8	12.4				40		
42		14.7	13.0	11.3			11.6	14.1	12.2	10.6			10.5	12.6	11.9								9.5	11.2	11.6				42		
44		13.9	12.3	10.7				13.4	11.7	10.1				12.0	11.4									10.6	11.1				44		
46			11.6	10.1				12.5	11.1	9.6				11.3	10.8									10.0	10.4				46		
48			11.0	9.5	7.6			11.6	10.5	9.1	7.0			10.5	10.2	8.9								9.4	9.8	8.8			48		
50			10.4	9.0	7.1				10.0	8.7	6.6				9.7	8.5									9.3	8.3			50		
52				8.6	6.7				9.5	8.3	6.2				9.1	8.1										8.8	7.9		52		
54				8.1	6.3				9.0	7.8	5.8				8.7	7.6										8.4	7.5		54		
56					5.9	4.4				7.3	5.4	4.2				7.2	5.4										7.1	5.5	56		
58					5.5	4.1				6.9	5.1	3.9				6.9	5.1											6.8	5.1	58	
60						3.8					4.8	3.6					4.8	2.4											4.8	60	
62						3.6					4.5	3.4					4.5	2.2											4.5	62	
64						3.3						3.1						2.0											4.2	64	
66												2.9							1.9											66	
68																														68	
70																														70	
72																														72	
74																														74	
76																														76	

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.  
 Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																								(Unit: t)	
Boom length (m)	58.5																							Boom length (m)	
Jib length (m)	52					55					58					61					Jib length (m)				
Load radius (m) / Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Load radius (m) / Boom angle (°)
14																								14	
16																									16
18																									18
20	17.3						14.6						11.9						9.2						20
22	16.0						13.6						11.3						8.9						22
24	14.8						12.5						10.3						8.0						24
26	13.8						11.7						9.7						7.7						26
28	12.9						11.0						9.2						7.4						28
30	12.0	14.4					10.2	12.2					8.4	10.0					6.6	7.8					30
32	11.2	13.4					9.6	11.4					7.9	9.5					6.3	7.5					32
34	10.5	12.4					8.8	10.7					7.2	8.9					5.5	7.2					34
36	9.9	11.6					8.4	9.9					6.8	8.1					5.3	6.4					36
38	9.4	10.9	13.0				7.8	9.3	11.1				6.2	7.7	9.2				4.6	6.1	7.3				38
40	8.9	10.3	12.1				7.3	8.7	10.3				5.8	7.0	8.4				4.3	5.4	6.5				40
42	8.4	9.7	11.3				6.9	8.2	9.6				5.5	6.6	8.0				4.1	5.1	6.3				42
44	8.0	9.2	10.7				6.5	7.6	9.0				5.0	6.0	7.2				3.5	4.4	5.5				44
46	7.5	8.7	10.1				6.1	7.2	8.5				4.7	5.7	6.8				3.3	4.2	5.2				46
48	7.1	8.3	9.5	8.7			5.7	6.7	8.0	7.8			4.2	5.2	6.5	7.0			2.7	3.6	5.0	6.1			48
50	6.8	7.8	9.0	8.2			5.4	6.3	7.4	7.2			3.9	4.9	5.9	6.3			2.5	3.4	4.3	5.4			50
52	6.5	7.4	8.5	7.8			4.4	5.9	7.0	6.9			3.4	4.3	5.6	6.0				2.7	4.1	5.1			52
54	6.2	7.0	8.1	7.3			4.3	5.6	6.5	6.4			2.7	4.1	5.0	5.4				2.6	3.5	4.4			54
56		6.7	7.7	7.0	5.5		3.4	5.3	6.2	6.1	6.8			3.8	4.8	5.1	6.6			2.4	3.3	4.2			56
58		6.4	7.2	6.7	5.1			4.3	5.7	5.7	5.0			2.8	4.1	4.6	5.0				2.6	3.5	4.9		58
60			6.9	6.4	4.8			3.5	5.5	5.4	4.6				4.0	4.3	4.4				2.5	3.3	4.2		60
62			6.6	6.0	4.5			3.4	4.4	4.9	4.3				3.4	3.8	4.2					2.7	4.0		62
64			6.3	5.7	4.2				4.2	4.6	3.9				2.7	3.6	3.7					2.5	3.4		64
66				5.4	3.9					4.4	3.7					3.4	3.4					2.4	3.2		66
68				5.1	3.7					4.2	3.3					2.6	3.0						2.6		68
70					3.4					3.2	3.0						2.7						2.4		70
72					3.2						2.3														72
74					3.0																				74
76																									76

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.



Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)	
Boom length (m)	61.5																		Boom length (m)	
Jib length (m)	22						25						28						Jib length (m)	
Load radius (m)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
14	40.1						39.9						37.9						14	14
16	36.1						34.3						32.5						16	16
18	29.1						28.8						28.4						18	18
20	26.4	33.7					26.2	33.5					26.0						20	20
22	24.2	30.8					24.1	30.5					23.9	29.6					22	22
24	22.7	28.2					22.5	27.5					22.3	26.9					24	24
26	21.2	24.9					21.0	24.6					20.8	24.2					26	26
28	20.1	23.8	20.2				19.9	23.4	20.1				19.6	22.9					28	28
30	19.0	22.0	19.9				18.8	21.6	19.4				18.5	21.2	18.8				30	30
32	18.3	20.6	17.1				18.0	20.2	17.2				17.6	19.8	17.3				32	32
34		19.2	16.0					18.9	16.1				17.0	18.6	16.2				34	34
36		18.2	15.1	13.0				17.9	15.2	13.1				17.5	15.3				36	36
38			14.2	12.1					14.3	12.2				16.8	14.4	12.3			38	38
40			13.6	11.3					13.7	11.4					13.7	11.6			40	40
42			12.9	10.8	10.0				13.0	10.9	9.8				13.0	11.0			42	42
44				10.2	9.4					10.3	9.2				12.4	10.4	9.0		44	44
46				9.7	8.7					9.8	8.6					9.9	8.4		46	46
48				9.4	8.5					9.5	8.3					9.5	8.1		48	48
50					8.0	6.3					7.8	6.0				9.1	7.5		50	50
52					7.3	5.6					7.1	5.4					7.0	5.3	52	52
54						4.9						4.8					6.6	4.7	54	54
56						4.6						4.5						4.4	56	56
58																		4.1	58	58
60																			60	60
62																			62	62
64																			64	64
66																			66	66
68																			68	68
70																			70	70
72																			72	72
74																			74	74

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

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Load Charts of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																			(Unit: t)		
Boom length (m)		61.5																	Boom length (m)		
Jib length (m)		31					34					37							Boom length (m)		
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
		14	34.2																		
16	30.8							29.1							27.3						16
18	28.1							27.7							27.3						18
20	25.8							25.6							25.4						20
22	23.8	28.8						23.6							23.5						22
24	22.1	26.3						21.9	25.7						21.7	25.1					24
26	20.6	23.9						20.4	23.5						20.2	23.2					26
28	19.4	22.4						19.1	22.0						18.9	21.5					28
30	18.3	20.8	18.7					18.0	20.4						17.7	20.0					30
32	17.3	19.5	17.4					17.0	19.1	17.5					16.7	18.8	17.6				32
34	16.6	18.3	16.3					16.2	18.0	16.4					15.8	17.6	16.5				34
36		17.2	15.4					15.2	16.9	15.5					15.0	16.6	15.6				36
38		16.4	14.5	12.4					16.1	14.6					14.4	15.7	14.7				38
40			13.8	11.7						13.8	11.9				13.0	14.9	13.9	12.0			40
42			13.1	11.1						13.1	11.2				14.2	13.2	11.3				42
44			12.4	10.5	8.8					12.5	10.6				13.6	12.6	10.7				44
46				10.0	8.3					10.1	8.1					11.8	10.2				46
48				9.6	7.9					9.6	7.7					11.2	9.7	7.4			48
50				9.2	7.3					9.2	7.1					10.6	9.3	6.9			50
52					6.8	5.1					6.7						8.7	6.5			52
54					6.4	4.7					6.3						8.2	6.1			54
56						4.4								4.3				5.7	4.3		56
58						4.1								4.0				5.3	4.0		58
60														3.7				5.0	3.7		60
62																				3.5	62
64																				3.2	64
66																					66
68																					68
70																					70
72																					72
74																					74

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

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Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																								(Unit: t)								
Boom length (m)	61.5																							Boom length (m)								
Jib length (m)	40						43						46						49					Jib length (m)								
Load radius (m) \ Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)
14																													14			
16																														16		
18	26.6						25.9																							18		
20	25.2						25.1						22.5											19.9						20		
22	23.3						23.1						20.7											18.4						22		
24	21.5						21.3						19.1											17.0						24		
26	20.0	23.0					19.8	22.8					17.8											15.8						26		
28	18.7	21.3					18.5	21.1					16.6											14.7						28		
30	17.5	19.8					17.3	19.7					15.6	18.0										13.8	16.2					30		
32	16.5	18.6					16.2	18.4					14.6	16.7										12.9	15.1					32		
34	15.6	17.4	16.1				15.3	17.1	15.7				13.7	15.6										12.2	14.1					34		
36	14.8	16.4	15.2				14.5	16.1	14.8				13.0	14.7										11.4	13.3					36		
38	14.1	15.5	14.3				13.8	15.2	13.9				12.3	13.8	13.5									10.8	12.4	13.2				38		
40	13.0	14.6	13.5				13.1	14.4	13.2				11.7	13.1	12.8									10.3	11.7	12.5				40		
42	12.4	13.9	12.8				12.4	13.7	12.4				11.1	12.4	12.1									9.7	11.1	11.8				42		
44		13.3	12.2	10.4			11.6	13.0	11.7	10.0			10.4	11.7	11.4									9.2	10.5	11.1				44		
46			11.5	9.8				12.3	11.2	9.5				11.2	10.9									10.0	10.5					46		
48			10.9	9.3				11.8	10.6	9.0				10.6	10.3	8.7								9.5	10.0	8.4				48		
50			10.4	8.9				11.4	10.2	8.6				10.2	9.8	8.3								9.0	9.5	8.0				50		
52				8.4	6.2				9.7	8.1	5.9				9.3	7.8									8.9	7.5				52		
54				8.0	5.8				9.2	7.8	5.5				8.8	7.4									8.5	7.1				54		
56					5.5				8.8	7.2	5.2				8.4	7.0	5.1								8.1	6.8	5.0			56		
58					5.0					6.8	4.8					6.6	4.7									6.4	4.6			58		
60					4.7					6.5	4.5					6.3	4.4									6.1	4.2			60		
62					4.4						4.2						4.1										4.0			62		
64											4.0						3.9										3.8			64		
66											3.7						3.6										3.5			66		
68																											3.3			68		
70																														70		
72																														72		
74																														74		

Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.





Load Chart of SCC3000US Jib Hook under LJ Operating Condition (without boom hook, counterweight 85.2+5.8t)																									(Unit: t)			
Boom length (m)		61.5																							Boom length (m)			
Jib length (m)		52					55					58					61					Jib length (m)						
Load radius (m)	Boom angle (°)	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	88	83	78	73	68	63	Boom angle (°)	Load radius (m)	
		14																										
16																											16	
18																											18	
20		17.3						14.7						12.0											9.3		20	
22		16.0						13.6						11.3											8.9		22	
24		14.8						12.5						10.3											8.0		24	
26		13.8						11.7						9.7											7.7		26	
28		12.9						10.9						8.9											6.9		28	
30		12.0	14.5					10.2	12.3					8.4	10.1									6.6	7.9		30	
32		11.2	13.5					9.6	11.5					7.9	9.6									6.3	7.6		32	
34		10.6	12.6					8.9	10.7					7.2	8.7									5.5	6.8		34	
36		9.9	11.8					8.4	10.1					6.8	8.3									5.3	6.5		36	
38		9.4	11.0	12.9				7.8	9.4	10.8				6.2	7.8									4.6	6.2		38	
40		8.9	10.4	12.1				7.3	8.7	10.3				5.8	7.1	8.4								4.3	5.4	6.6	40	
42		8.4	9.8	11.4				6.8	8.3	9.7				5.3	6.7	8.0								3.7	5.2	6.3	42	
44		8.0	9.3	10.8				6.5	7.7	9.1				5.0	6.1	7.3								3.5	4.5	5.6	44	
46		7.5	8.8	10.2				6.1	7.3	8.6				4.7	5.8	6.9								3.3	4.3	5.3	46	
48		7.1	8.3	9.7	8.1			5.7	6.7	8.2	7.9			4.2	5.2	6.6								2.7	3.6	5.1	48	
50		6.8	7.9	9.1	7.7			5.4	6.4	7.5	6.9			3.9	4.9	6.0	6.2							2.5	3.4	4.4	5.5	50
52		6.5	7.4	8.6	7.2			4.4	5.9	7.1	6.6			3.4	4.3	5.7	5.9								2.8	4.2	5.2	52
54		6.2	7.1	8.2	6.8			4.3	5.6	6.6	6.1			2.1	4.1	5.1	5.3								2.6	3.5	4.5	54
56			6.7	7.8	6.5	4.9			5.3	6.3	5.8	4.9			3.8	4.8	5.0								2.4	3.3	4.3	56
58			6.4	7.3	6.2	4.5			4.3	5.8	5.3	4.5			3.4	4.2	4.5	4.6							2.7	3.6		58
60			6.2	7.0	5.9	4.1			4.1	5.5	5.1	4.2				4.0	4.2	4.2							2.5	3.4	4.3	60
62				6.7	5.6	3.9				4.4	4.8	4.0				3.5	4.0	4.0								3.2	4.1	62
64				6.4	5.3	3.7				4.3	4.4	3.6					3.5	3.6								2.6	3.5	64
66					5.0	3.4					4.1	3.3					3.3	3.3								2.4	3.3	66
68					4.7	3.2					3.6	3.0						2.9									2.7	68
70					4.4	3.0						2.8						2.7									2.5	70
72						2.7																						72
74																												74

- Notes: The load values of 25% grey parts in the thick frames depend on the strength of arm support.
- Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.  
 2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.  
 3. The rated load is within 75% of the tipover load.



## ◆ Load Charts of SF<sub>H</sub> Operating Condition

Load Chart of SCC3000US Heavy-duty Fixed Short Jib (without main hook)										Unit: t
Range (m)	Boom length (m)									Range (m)
	19.5		37.5	40.5	43.5	46.5	49.5	52.5	55.5	
	Main hook (Without auxiliary hook)	Auxiliary hook (without main hook)								
5	247.1									
6	221.8									
7	198.8									
8	172.8									
8	150.1									
10	133.5	10.3/80	80.0	78.5	77.5	76.5				10
12	103.0	77.9	77.9	75.6	74.7	72.9	71.0	69.1	67.4	12
14	82.0	72.7	66.5	65.0	63.1	61.5	60.0	58.5	57.0	14
16	67.7	66.5	58.5	57.1	55.7	54.5	53.2	51.9	50.6	16
18	56.9	58.5	51.5	50.3	49.1	48.0	46.9	45.8	44.7	18
20	18.5/52.2	51.5	45.4	44.7	43.6	42.7	41.7	40.7	39.8	20
22		45.4	40.0	39.5	39.1	38.4	37.5	36.5	35.6	22
24		40.0	35.5	35.2	34.8	34.5	33.7	32.9	32.1	24
26		35.5	31.9	31.5	31.1	30.8	30.5	29.8	29.1	26
28			28.7	28.4	28.0	27.8	27.4	27.1	26.5	28
30			26.0	25.7	25.4	25.1	24.7	24.5	24.0	30
32			23.7	23.4	23.0	22.8	22.5	22.1	21.7	32
34			21.6	21.4	21.0	20.8	20.5	20.1	19.7	34
36			19.8	19.5	19.2	19.0	18.6	18.4	18.0	36
38			18.2	17.9	17.5	17.4	17.1	16.7	16.4	38
40			16.7	16.5	16.1	16.0	15.6	15.3	15.0	40
42			15.4	15.1	14.8	14.6	14.4	14.0	13.6	42
44				13.9	13.6	13.5	13.2	12.8	12.5	44
46					12.5	12.4	12.1	11.8	11.5	46
48						11.4	11.1	10.8	10.5	48
50							10.2	9.9	9.5	50
52							9.3	9.0	8.7	52
54								8.3	7.9	54
56									7.2	56
Counterweight(t)	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	Counterweight(t)

Notes: The 40% grey and italic parts in the table indicate the rated loads with additional counterweight, the values of 25% grey and italic parts depend on the strength of arm support.

Description: 1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.

2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.

3. The rated load is within 75% of the tipover load.

4. The 19.5m operating condition is applicable to the hoisting of shield machine for metro construction or similar products; and the shield machine can be turned over without requiring auxiliary crane.



Load Chart of SCC3000US Heavy-duty Fixed Short Jib								Unit: t
Range (m)	Boom length (m)							Range (m)
	58.5	61.5	64.5	67.5	70.5	73.5	76.5	
12	64.9							12
14	55.3	54.0	52.8	51.6	49.5			14
16	49.5	48.4	47.2	46.0	44.9	43.8	42.0	16
18	43.7	42.6	41.6	40.6	39.7	38.7	37.7	18
20	38.9	38.0	37.1	36.1	35.3	34.5	33.5	20
22	34.9	34.0	33.2	32.4	31.5	30.7	30.0	22
24	31.5	30.6	29.8	29.1	28.4	27.6	26.9	24
26	28.5	27.7	27.0	26.2	25.5	24.9	24.2	26
28	25.8	25.1	24.5	23.7	23.2	22.5	21.8	28
30	23.5	22.8	22.2	21.5	21.0	20.4	19.7	30
32	21.5	20.8	20.3	19.6	19.1	18.5	17.8	32
34	19.5	19.1	18.5	17.8	17.4	16.7	16.2	34
36	17.7	17.4	16.8	16.3	15.8	15.2	14.6	36
38	16.2	15.8	15.5	14.8	14.4	13.8	13.3	38
40	14.7	14.4	14.1	13.5	13.1	12.5	12.0	40
42	13.5	13.1	12.8	12.4	11.9	11.4	10.8	42
44	12.3	11.9	11.6	11.3	10.8	10.3	9.8	44
46	11.2	10.9	10.5	10.2	9.8	9.3	8.8	46
48	10.3	9.9	9.6	9.3	8.9	8.4	7.9	48
50	9.4	9.0	8.7	8.4	8.1	7.5	7.1	50
52	8.5	8.2	7.9	7.5	7.3	6.7	6.3	52
54	7.7	7.5	7.1	6.7	6.5	6.0	5.5	54
56	7.0	6.7	6.4	6.1	5.8	5.4	4.8	56
58	6.4	6.0	5.7	5.4	5.2	4.6	4.2	58
60	5.7	5.4	5.1	4.8	4.5	4.1	3.6	60
62		4.8	4.5	4.2	4.0	3.5	3.0	62
64			4.0	3.6	3.5	2.9	2.5	64
66				3.1	2.9	2.5	2.0	66
68				2.6	2.4			68
Counterweight (t)	85.2	85.2	85.2	85.2	85.2	85.2	85.2	Counterweight (t)

Notes: The 40% grey and italic parts in the table indicate the rated loads with additional counterweight, the values of 25% grey and italic parts depend on the strength of arm support.

- Description:
1. The actual lifting capacity is the rated lifting capacity minus the weight of lifting hook, wire rope and all lifting appliances.
  2. The rated lifting capacity shown in the table is the value when the weight is hoisted slowly and stably on a level and hard ground without traveling.
  3. The rated load is within 75% of the tipover load.