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XGC11000

CRAWLER CRANE

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XGC11000 CRAWLER CRANE

Description of Components and Systems

1.Boom system

Chord and cornicle of XGC11000 crawler crane boom are made of high-strength seamless steel pipes, whose middle uniform section is welded with segmented high-strength steel plate and whose variable cross-section at both ends forms a truss structure that consists of four chords.

(1) Standard operation mode

HB-S4: Standard operation mode – heavy-duty boom: 24~96m, composed of base section 10.5m×1; 12m transition section I (strengthened)×1; 12m middle section (strengthened)×2; 12m transition section II(strengthened)×1; 6m middle section×1; 12m middle section A×1; 12m middle section B-center hitch section×1; 12m taper section×1; 1.5m boom head×1. There are 13 types of boom length.

LB: Standard operation mode – lightweight boom: 66~108m; main boom base section 10.5m×1; 12m boom middle section B×2, 12m middle section B-center hitch section×1,12m taper section×1, 12m luffing jib insert A×1, 6m luffing jib insert×2, 12m luffing jib insert B×2, 7.5m luffing jib top section×1.

WJ: Standard operation mode – luffing jib; when main boom length is 30m~66m, a luffing jib with a length of 24m~84m can be installed.

Main boom composition: main boom base section 10.5m×1; 6m middle section×2; 12m middle section A×1; 12m middle section B×1; 12m middle section B-center hitch section×1; 12m taper section×1; 1.5m boom head×1.

Luffing jib composition: 4.5m luffing jib base section ×1; 6m luffing jib middle section×2; 12m luffing jib thick-wall middle section A×1; 12m luffing jib thick-wall middle section B×2; 12m luffing jib thin-wall middle section C×2; 7.5m luffing jib top section ×1.

(2) Super lifting device operation mode

SHB-S7 Heavy-duty boom with super lifting device: Main boom length is 48m~114m; composition: 10.5m main boom base section×1; 12m transition section I×1; 12m heavy-duty section×1; 12m middle section×4; 12m transition section II×1; 6m middle section×1; 12m middle section A×1; 12m taper section×1; 1.5m main boom head×1.

SLB Lightweight boom with super lifting device: main boom is 114m~147m; composition: 10.5m main boom base section×1; 12m transition section I×1; 12m heavy-duty section×1; 12m middle section×4; 12m transition section II×1; 3m middle section×1; 6m middle section×1; 12m middle section A×1; 12m middle section B-center hitch section×1; 12m taper section×1; 7.5m luffing jib head×1.

SWJ-S6 Luffing jib with super lifting device: main boom length is 48m~102m, luffing jib with a length of 24m~96m can be installed; composition: 4.5m luffing jib base section×1; 6m luffing jib middle section×2; 12m luffing jib thick-wall middle section A×1; 12m luffing jib middle section B×2; 12m luffing jib thin-wall middle section C×3; 7.5m luffing jib top section×1.

2. Boom luffing component

It is a high strength pull plate structure composed of two groups of pull plates. Pull plates are made of high strength steel plates that are smoothly cut, which increases safety. Pendants are equipped with a walking beam that can balance loads that two groups of pendants are bearing, so pendants are under even loads.

3. Mast

Standard mast takes a box structure; mast for super lifting device is a lattice structure that has a good stability performance. Mast is equipped with a jacking system; mast of super lifting device is equipped with a hydraulic automatic control anti-back-tipping system. Being able to serving as a temporary lifting jib, standard mast can achieve self-rigging/derigging of crawler frame and main boom.

4. Turntable

It is a high-strength box structure where I shaped cross beam and box beam are connected in the middle; reinforced plates are arranged near slewing center.

5. Mechanism composition

See the table below for crane mechanisms and corresponding applications:

No.	Name	Application	Location
1	Main winch system	Elevation operation for boom, jib and luffing jib	Turntable
2	Auxiliary winch system	Elevation operation with boom, jib and luffing jib	Turntable
3	Single top	Single top elevation operation of main boom and luffing jib head	Boom base
4	Boom luffing system	Boom luffing operation	Turntable
5	Luffing system of luffing jib	Luffing of luffing jib	Boom base
6	Luffing system of super lifting device	Main boom luffing operation with super lifting device	Base section of super lifting device mast
7	Slewing system	Superstructure slewing	Turntable
8	Traveling mechanism	Machine travel	Crawler beam
9	Reeving system	Assist in reeving wire rope	Turntable

6. Winch system

Main and auxiliary winch systems have the same model and are driven separately. When there is a large lifting weight, main and auxiliary winch can work in sync. Winch system has a disc type normally closed brake, a built-in speed reducer and is driven by a variable motor. Main and auxiliary winch systems use box shaped supports connected to turntable via pin shaft. Winch system uses counter-rotation wire rope.
Main winch system: wire rope diameter is ϕ28 mm;
Auxiliary winch system: wire rope diameter is ϕ28 mm;

7. Luffing system

Boom luffing system takes a form of duplicate drum. It has a ratchet locking device, a built-in speed reducer and a disc type normally closed brake; wire rope diameter is ϕ28 mm.
Luffing system of super lifting device has a ratchet locking device, a built-in speed reducer and a disc type normally closed brake; wire rope diameter is ϕ28 mm.

8. Slewing system

Located on the front of turntable, slewing system has two planet speed reducers that externally mesh with slewing bearing; It is hydraulic cushion type and has a free sliding function. It adopts a disc type normally closed brake that works reliably and is maintenance friendly.

9. Swing bearing

It is a three-row roller slewing bearing with external gear engagement. It has high strength, large bearing moment and is convenient for repair and maintenance.

10. Oil cylinder assembly

Hydraulic kinetic pin has been adopted to connect boom with turntable, and connect frame with crawler beam. This crane is also equipped with mast jacking cylinder, crawler beam self-rigging/derigging cylinder and outrigger cylinder. Operator's cab is equipped with a flipping cylinder and a rotary cylinder.

11. Operator's cab

Operator's cab adopts a bionics design that offers a wide range of vision and a sense of comfortable and convenient operation.
Cab can turn from one side to forefront, so as to reduce width for ease of transport.
Cab can pitch up by 20° for better observance of aerial work.

12. Frame

Frame is a box structure, made of high-strength steel plate, with transverse partition added in the middle to strengthen torsional rigidity. Frame has a simple structure, strong carrying capacity and good rigidness.

13. Crawler unit

It includes crawler beam, track roller, driving wheel, guide wheel, carrier roller and track shoe. Crawler beam is a box structure whose connection with frame has been strengthened, with transverse partition added in the middle.
Two crawler beams are symmetrically arranged, with a 1.5m wide track shoe. The two crawler beams can be synchronously or separately operated to walk straight and make turns. It is driven by a walking reducer. It has a built-in planet gear speed reducer which is driven by a variable motor.

14. Hydraulic system

Hydraulic system is a combination of open type system and closed type system, and is an electric proportional pilot variable pump system, so it is stable and has a fine tuning characteristic of speed.
Open type pump control system includes main and auxiliary winch system, main boom and jib luffing system and walking system; and main and auxiliary luffing system has a double-pump flow confluence function.
Slewing system is closed type pump control system, and has a special slewing buffer valve that keeps transmission stable without causing impact.
Main and auxiliary winch system and walking system that have a large range of speed regulation are driven by variable motor. Variable motor + variable pump control system enables accurate adjustment of working speed, so system gains a fine micro-motion performance.

15. Electric system

Electric system is mainly comprised of following parts: engine control, monitoring instruments, auxiliary devices, hydraulic system control, moment limit and safety monitoring, etc.
Electric system is composed of regular electric system and PLC monitoring system.
Regular electrical system includes power source, start control, engine control, status monitoring, cab air conditioner, sound equipment, lighting, wiper and walkie talkie, etc.
PLC control system works on main and auxiliary winch, slewing operation, luffing operation of boom and luffing jib, left and right walking and cab rotating and flipping. All the movements are based on PLC logic control.

Description of Components and Systems

16. Engine system

Type on nameplate: SCANIA DC16-316A-478kW;
Environmental protection property: emission is up to Euro V standard;
Fuel tank capacity: 700L.

17. Counterweight

Counterweight includes vehicle body counterweight of 45t, turnta-ble counterweight of 180t and super lifting device counterweight of 380t.

18. Hook block

Name	700T (option)	500T (option)	240T	16T (option)
Dead weight (t)	13.1	12.0	9.0	1.5
Qty.	1	1	1	1
Tackle	24	18	8	0

Note: 700t hook block is a combined type, can be detached into 350t hook blocks; 500t hook block is a combined type, can be detached into 250t hook blocks; 240t hook block is a combined type, can be detached into 100t hook blocks;

19. Centralized lubrication system

It is a progressive centralized lubrication system controlled by computer program, so it can automatically lubricate each point one by one, and make sure oil has been sufficiently added. This system makes vehicle maintenance more relaxed and more convenient.

20.Additional counterweight

Standard working conditions enhanced counterweight technology (also known as additional counterweight technology or commonly known as small backpack) : the first patented technology, in the rear of the turntable through the connection frame to strengthen the counterweight system, improve the performance of standard working conditions, replace the construction of out-of-date conditions, so as to improve work efficiency.

Safety Precautions

Safety devices include LMI, turntable slewing lock pin device, boom anti-back-tipping device, anti-two block, anemometer, level gauge, hydraulic system relief valve, balance valve, bilateral pilot-controlled valve, slewing warning device, lightning protection, walking warning device, lowering limiter, angle indicator, etc.

1. Setup Mode & Work Mode switchover

In Setup Mode, rope discharge protector, boom limit and LMI are deactivated to facilitate setup; in Work Mode, all safety devices are activated.

2. Emergency stop function

It can quickly stop all movements in case of emergency.

3. Misoperation prevention function

Handle has a misoperation prevention function: a safety protection switch is located on front of handle; when this switch is not pressed down, signals of all movements are shielded, handle doesn't work, which avoids misoperation.

4. Rope discharge protection function

A rope discharge protector is mounted on boom head to avoid over-dis-charge of wire rope. When wire rope reaches a certain height, rope discharge protector indicator on display will turn on; meanwhile, lifting movement will automatically halt.

5. Lowering limitation function

Winch systems are equipped with a lowering limiter, which will protect wire rope from being over discharged from winch drum. When only three turns of wire rope are left on winch drum, lowering limiter indicator on display will turn on; meanwhile, falling movement will automatically halt.

6. Ratchet locking function

This machine is equipped with a ratchet locking device, which is designed to lock up luffing winch and make sure boom is in safe placement during non-working hours.

7. Slewing lock function

This crane has a slewing lock device that locks up slewing movement of superstructure when crane power is off.

8. Anti-back-tipping function

An anti-back-tipping device has been installed on boom, super lifting device, luffing jib and luffing jib support. It is designed to protect boom and jib support from overturning.

9. Boom angle limit

When boom reaches a specified angle, elevation will be stopped, which is under the double control of LIM and travel switch; when boom elevation angle is below a specified value, fall will be stopped, which is under the control of LMI, and a warning sound will appear.
The upper limit and lower limit of luffing jib is under the control of limit switch.

10. Hook block latch function

All hook blocks are equipped with a safety latch, which prevents hook-mounted sling from coming off.

11. Hydraulic system protective function

Hydraulic system is equipped with hydraulic balance valve and hydraulic relief valve, which ensure system stability and safety during working hours.

12. LMI system

LMI can automatically detect boom angle and lifting load. It has a pre-warning and overload cut-off function.

13. Audible and visual alarm function

It has a tri-colored bar and an audible and visual alarm, can real time display vehicle load and movement state and can warn the driver and outdoor working staff.

14. Lights

Lights are located on the front of turntable, on top of and inside of operator's cab to offer lighting.

15. Rear-view mirror

Rear-view mirror is on the outside of operator's cab, through which the operator will observe crane rear situation.

16. Height lamp

Height lamp is mounted on top of boom, serving as a kind of high-altitude caution.

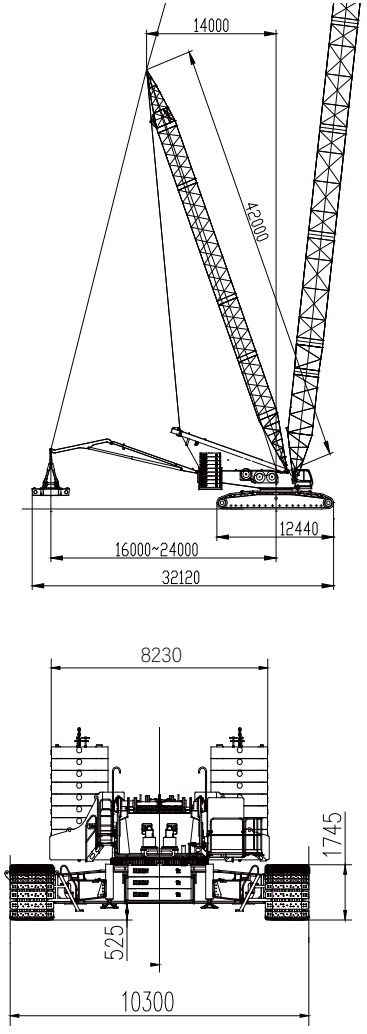
17. Anemometer

It real time detects current wind speed, and transmits it to the monitor of operator's cab, reminding operator to pay attention to wind load safety.

18. Level gauge

This crane is equipped with an electronic and a mechanical level gauge. The level gauge shows degree of road inclination, and offers levelness reference to operator.

Outline drawing of XGC11000 crawler crane



Overall outline drawing of XGC11000 crawler crane

2. Main technical parameters of XGC11000 crawler crane

Item		Index		Value
Standard operation mode		Heavy-duty boom operation mode	t	700
		Lightweight boom operation mode	t	330
		Luffing jib operation mode	t	230
Super lifting device operation mode		Heavy-duty boom operation mode	t	700
		Lightweight boom operation mode	t	240
		Luffing jib with super lifting device	t	355
Max. load moment			t.m	10800
Dimension parameter	Standard operation mode	Length of heavy-duty boom	m	24~96
		Length of lightweight boom	m	66~108
		Length of luffing jib	m	30～66+24～84
	Super lifting device	Length of heavy-duty boom		48～114
		Length of lightweight boom	m	114～147
		Boom length of luffing jib with super lifting device		48～108+24～96
Speed paramete		Max. line speed of winch system	m/min	130
		Max. line speed of boom luffing system	m/min	2×56
		Max. line speed for luffing operation with super lifting device	m/min	130
		Max. slewing speed	rpm	0.7
		Max. travel speed	km/h	1.0
Engine		Rated power	kw	478
		Emission standard	–	EURO Ⅴ
Overall weight (based on 24m heavy-duty boom, 700t hook block)			t	496
Average ground pressure			MPa	0.146
Gradient			–	30%
Max. single part transport weight			t	71
Max. single part transport dimension (L×W×H)			m	12×3.3×3.4

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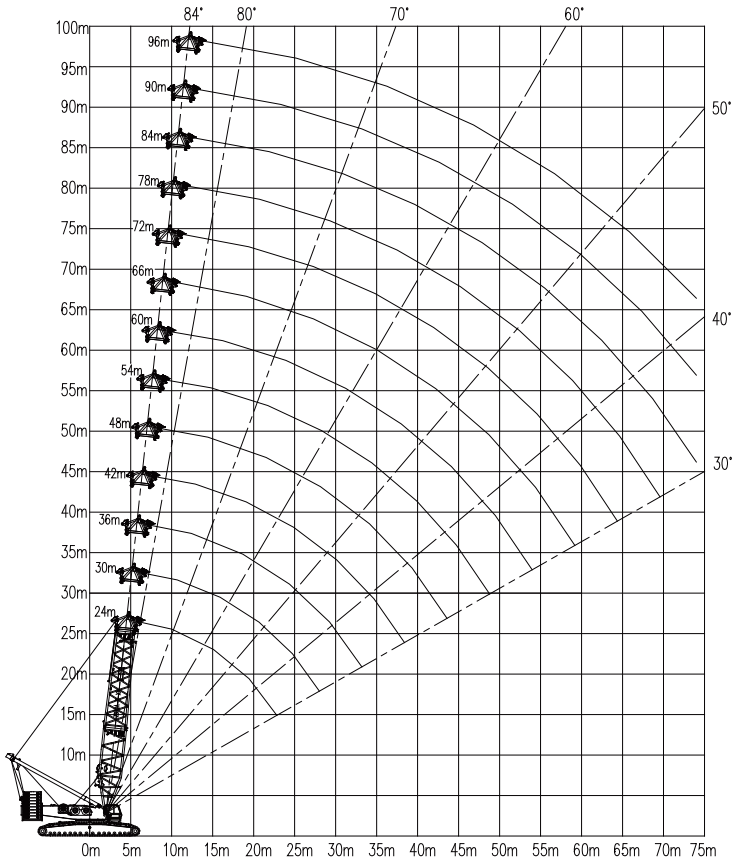
XGC11000 CRAWLER CRANE

1.XGC11000_HB-S4 Standard operation mode – heavy-duty boom



XGC11000_HB-S4 Standard operation mode – heavy-duty boom working range

XGC11000_HB-S4 Standard operation mode – heavy-duty boom performance table

Turntable counterweight of 210t + vehicle body counterweight of 65t

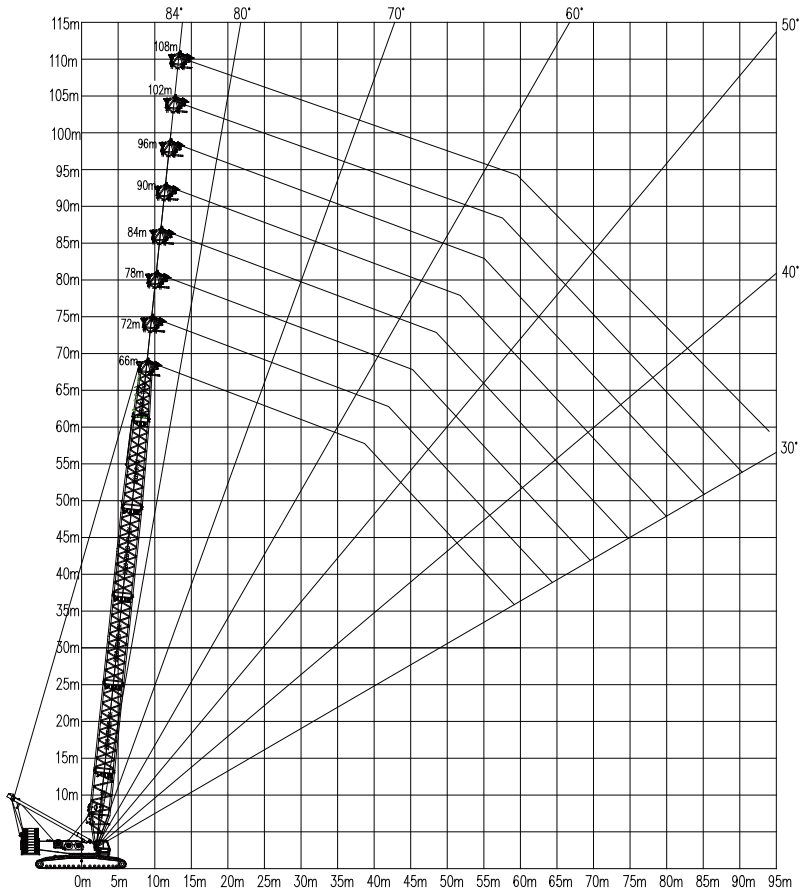
Radius (m)	Boom length (m)												
	24	30	36	42	48	54	60	66	72	78	84	90	96
5.5	700												
7	632	631	629										
8	557	556	554	550									
9	497	496	495	474	447	422							
10	449	448	440	416	394	374	356	339					
11	405	396	386	370	352	336	321	306	293	280			
12	355	347	339	331	318	304	291	278	267	256	245		
13	314	308	302	295	288	277	266	255	245	235	226	217	209
14	279	277	271	266	260	254	244	235	226	217	209	200	193
16	226	227	225	221	216	213	209	202	194	187	180	173	168
18	190	190	190	188	184	181	178	175	170	163	158	152	147
20	162	162	162	161	159	157	154	151	149	144	139	134	130
22	141	141	141	140	139	138	136	133	130	127	124	119	115
24		124	124	123	122	121	119	118	115	113	111	107	103
26		110	110	109	108	107	106	104	103	100	98.8	96.4	93.3
34				73.2	71.8	70.4	69.2	67.5	66.2	64.5	63.4	61.7	60.9
38				61.3	60	58.5	57.3	55.7	54.3	52.5	51.4	49.7	48.8
42					50.6	49.2	48	46.3	44.9	43.1	42	40.2	39.3
46						41.6	40.4	38.7	37.3	35.5	34.4	32.6	31.7
50							34.1	32.4	31.1	29.2	28.1	26.2	25.3
54							28.8	27.1	25.8	24	22.8	20.9	20
58								22.6	21.3	19.4	18.3	16.4	15.5
62									17.3	15.5	14.4	12.5	11.6
66										12.1	11		

Rated lifting capacity tables in standard heavy boom working condition(HB-S4),with additional counterweight.

XGC11000-HB-S4 lifting capacity tables in standard heavy boom working condition,with additional counterweight.											
Turntable counterweight 210t,Car-body counterweight 65t ,additional counterweight 70t											
Radius (m)	Boom length (m)										
	36	42	48	54	60	66	72	78	84	90	96
10			448#	437#	427#						
11		412#	402#	393#	384	376	365				
12		373#	365#	356	349	341	334	327			
13	337#	335#	333#	326	319	312	306	299	288	239	
14	310#	309#	306	300	294	287	281	276	270	235	229
16	261#	261	260	257	252	247	242	237	232	228	222
18	225	225	224	222	220	215	211	206	203	198	195
20	197	197	196	194	193	190	186	182	179	175	172
22	175	175	174	172	170	169	166	162	159	155	153
24	158	157	156	154	152	150	149	145	142	139	137
26	143	142	140	139	137	135	133	131	128	125	123
28	129	129	127	126	124	122	121	119	116	113	111
30	119	118	116	115	113	111	110	107	106	103	101
34		100	98	97	95	93	92	90	88	86	84
38		85	84	83	81	79	78	76	74	72	70
42			73	71	70	68	66	64	63	61	59
46				62	61	59	57	55	54	51	50
50					53	51	50	48	46	44	42
54					46	44	43	41	40	37	36
58						38	37	35	34	31	30
62							32	30	29	26	25
66								26	24	21	20

Note: the lifting weight with “#” in the table means the stability of the crane is not sufficient when there is no load and additional counterweight is lifted off the ground at this radius. In this case, lower the additional counterweight to the ground or reduce the load to less than 20t.

2.XGC11000_LB standard operation mode – lightweight boom



XGC11000_LB Standard operation mode – lightweight boom working range chart

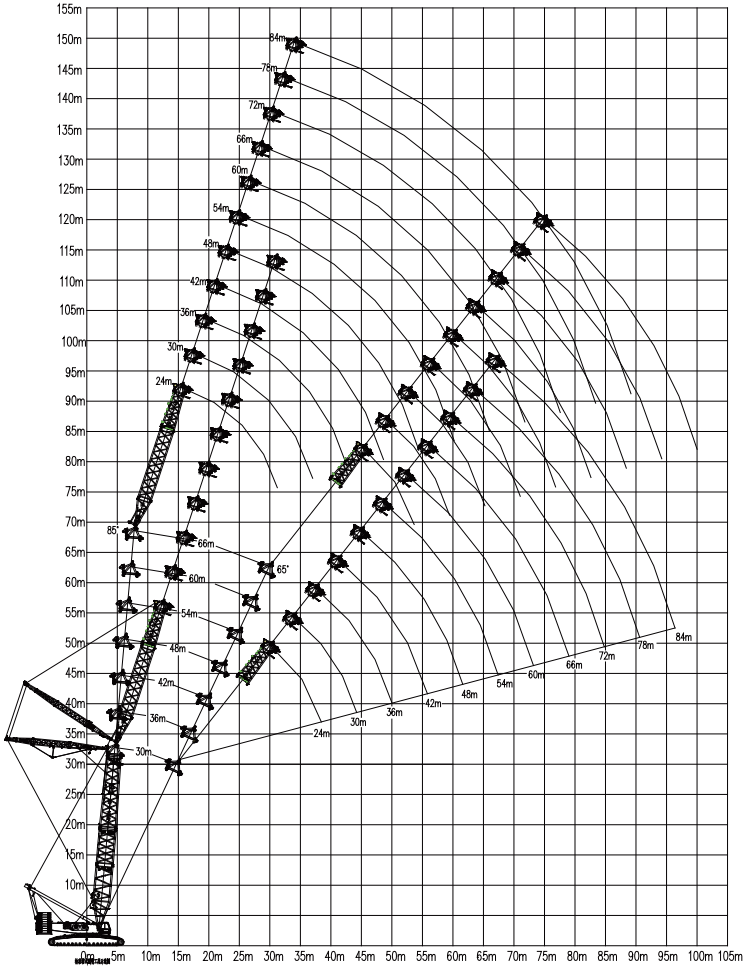
XGC11000_LB Standard operation mode – lightweight boom performance table								
Turntable counterweight of 200t + vehicle body counterweight of 65t								
Radius (m)	Boom length (m)							
	66	72	78	84	90	96	102	108*
10	330	316						
12	272	262	252	233	194	166		
14	231	223	215	208	189	161	138	118
16	199	193	187	181	175	157	134	115
18	172	169	164	159	155	150	131	112
20	150	148	145	142	138	134	127	108
22	132	130	128	126	124	120	117	105
24	117	116	114	112	111	109	106	102
26	105	104	103	101	99	98	96	93
28	94	93	93	91	90	89	87	85
30	85	84	84	83	81	80	79	78
34	70	69	69	68	67	67	66	65
38	58	58	57	57	56	55	54	54
42	49	49	48	48	47	46	45	45
46	42	42	41	40	40	39	38	37
50	36	36	35	34	33	33	32	31
54	31	31	30	29	28	28	27	26
58	27	26	26	25	24	24	23	22
62		22	22	21	20	20	19	18
66			19	18	17	17	16	15
70			16	15	14	14	13	12
74				13	12	11	10	10
78					10	9	8	7
82						7	6	5
86							4	4

Rated lifting capacity tables in standard light boom working condition (LB), with additional counterweight

XGC11000–LB lifting capacity tables in standard light boom working condition , with additional counterweight							
Turntable counterweight 210t,Car–body counterweight 65t ,additional counterweight 70t							
Radius (m)	Boom length（m）						
	78	84	90	96*	102*	108*	114*
13	303						
14	280	274					
15	259	254	249	244			
16	241	236	232	227	223		
17	226	221	217	212	209	185	
18	212	207	203	199	195	182	141
19	199	195	191	187	184	179	139
20	188	183	180	176	173	170	136
22	168	164	161	158	154	152	132
24	152	148	145	142	139	137	127
26	137	134	132	128	126	124	123
28	125	122	120	117	114	112	112
30	114	112	110	107	104	102	103
34	96	94	92	90	88	86	86
38	82	80	79	77	74	73	73
42	71	69	68	66	64	62	63
46	62	60	59	57	55	53	54
50	54	52	51	49	47	46	47
54	47	46	44	43	41	39	40
58	42	40	39	37	35	34	35
62	37	35	34	32	30	29	30
66	33	31	30	28	26	25	26
70		27	26	24	22	21	22
74			22	20	18	17	18
78				17	15	14	15
82					12	11	12
86					10	9	10
90						6	7
94							5

Note: for boom length with “*” in the table, raise boom only when connecting 70t additional counterweight.

3. XGC11000_WJ standard operation mode – luffing jib



XGC11000_WJ Standard operation mode – luffing jib working range chart

XGC11000_WJ Standard operation mode – luffing jib performance table

Boom length (m)	**Boom length 30m**（Turntable counterweight of 200t + vehicle body counterweight of 65t）																	
Luffing jib length (m)	24			30			36			42			48			54		
Radius (m)	Boom length (m)																	
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
14	230																	
16	217			212														
18	188			184			181											
20	165			162			159			157								
22	147			144			142			140			137					
24	131	122		130			128			126			124			122		
26	117	110		117	109		116			114			112			111		
28	106	99		106	99		105			104			102			101		
30		91		96	90		96	89		95			94			93		
34			71	81	76		81	75		80	74		79	73		79		
38			61		65	60	69	64		69	64		68	62		67	62	
42						52		56	51	60	55		59	54		58	53	
46									45		48	44	52	47	43	51	47	
50									39		43	39	46	42	38	45	41	37
54												34		37	33	40	36	32
58															30		32	29
62																	29	26
66																		23

XGC11000_WJ Standard operation mode – luffing jib performance table

Boom length (m)	**Boom length 30m**(turntable counterweight of 200t + vehicle body counterweight of 65t)														
Luffing jib length (m)	60			66			72			78			84		
Radius (m)	Boom angle														
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
26	109														
28	99			98											
30	91			90			88								
34	78			77			75			74			66		
38	66			66			65			64			63		
42	58	52		57			56			55			54		
46	50	45		50	45		49	43		48			47		
50	44	40		44	39		43	38		42	37		41		
54	39	35	31	39	35		38	33		37	33		36	32	
58	35	31	28	35	31	27	34	29		33	29		32	28	
62	31	28	24	31	27	24	30	26	22	29	25		28	24	
66		25	22	28	24	21	27	23	20	26	22	19	25	21	
70			19		22	19	24	20	17	23	20	17	22	19	15
74					19	16	21	18	15	21	18	14	20	16	13
78						14		16	13	18	15	13	17	14	11
82									11		13	11	15	12	10
86												9	13	11	8
90												8		9	7
94															5

XGC11000_WJ Standard operation mode – luffing jib performance table

Boom length (m)	**Boom length 66m** (turntable counterweight of 200t + vehicle body counterweight of 65t)																	
Luffing jib length (m)	24			30			36			42			48*			54		
Radius (m)	Boom angle																	
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
18	156																	
20	141			137														
22	129			125			121											
24	118			114			111			107								
26	109			106			102			99			96			89		
28	101			98			95			92			89			86		
30	94			91			88			86			83			80		
34		65		79			77			75			72			70		
38		56			54		68	53		67			64			62		
42		48			47		58	46		58	45		57			55		
46					41			40		51	39		50	38		49		
50			28			27		35			34		44	33		44	32	
54						23		31	22		30		39	29		39	28	
58						20			19		27	18		26		34	25	
62									17			16		22	14		22	
66												14		20	12		19	11
70												12			10		17	9
74															9			8
78																		6
82																		5

XGC11000_WJ Standard operation mode – luffing jib performance table

Boom length (m)	**Boom length 66m** (turntable counterweight of 200t + vehicle body counterweight of 65t)													
Luffing jib length (m)	60			66			72			78			84	
Radius (m)	Boom angle													
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°
28	78													
30	76			69										
34	68			63			57			52				
38	60			58			53			48			43	
42	53			52			48			44			40	
46	47			46			43			40			36	
50	42	30		41			38			36			33	
54	37	27		36	26		34			32			30	
58	32	23		32	22		30	21		28	20		26	
62	28	20		27	20		26	18		25	17		23	15
66	24	18		24	17		23	16		22	15		20	13
70		16	8	20	15		20	14		19	13		18	11
74		14	6		13	5	17	12		16	11		15	10
78			5		11	4		10	3	14	9		13	8
82			4		10	3		8	1	12	8	1	11	6
86			2			2		7			6		9	5
90						1					5			4

lifting capacity tables in standard tower jib working condition (with additional counterweight)

Lifting capacity tables in standard tower jib working condition (with additional counterweight)																		
200t turntable counterweight+65t car-body counterweight+70t additional counterweight																		
Boom length (m)	Main boom 30m																	
Tower jib length (m)	24			30			36			42			48			54		
Radius (m)	Boom angle																	
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
14	260#																	
16	244#			245														
18	215#			212			209											
20	192			189			186			183								
22	172			170			167			165			160					
24	151	143		150			152			146			145			143		
26	139	128		136	126		136			132			132			130		
28		117		122	116		122			122			120			119		
30		108		112	107		112	103		112			110			108		
34			82		88		95	87		93	85		92	83		92		
38			70		76	69	81	74		80	73		79	71		78	71	
42						60		65	59	70	63		69	62		67	60	
46									52		55	51	60	54	49	59	54	
50											49	45	53	48	44	52	47	42
54												39		42	38	46	41	37
58															34		36	33
62																		30
66																		26

lifting capacity tables in standard tower jib working condition (with additional counterweight)

Lifting capacity tables in standard tower jib working condition (with additional counterweight)															
200t turntable counterweight+65t car-body counterweight+70t additional counterweight															
Boom length(m)	Main boom 30m														
Tower jib length (m)	60			66			72			78			84		
Radius (m)	Boom angle														
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
26	128														
28	115			114											
30	106			105			102								
34	91			90			87			86			77		
38	76			77			76			75			73		
42	68	59		66			65			65			63		
46	58	51		58	51		57	49		56			55		
50	51	46		51	44		50	43		49	42		48		
54	45	40	35	46	40		44	37		43	37		42	36	
58	41	35	32	41	35	31	40	33		38	33		37	32	
62		32	27	36	31	27	35	29	25	34	28		33	27	
66		28	25	33	27	24	32	26	23	31	25	22	29	24	
70			22		25	22	28	23	19	27	23	19	26	21	17
74						18		20	17	25	20	16	23	18	15
78								18	15	21	17	15	20	16	12
82									12		14	12	18	13	11
86												10		12	9
90															8
94															5

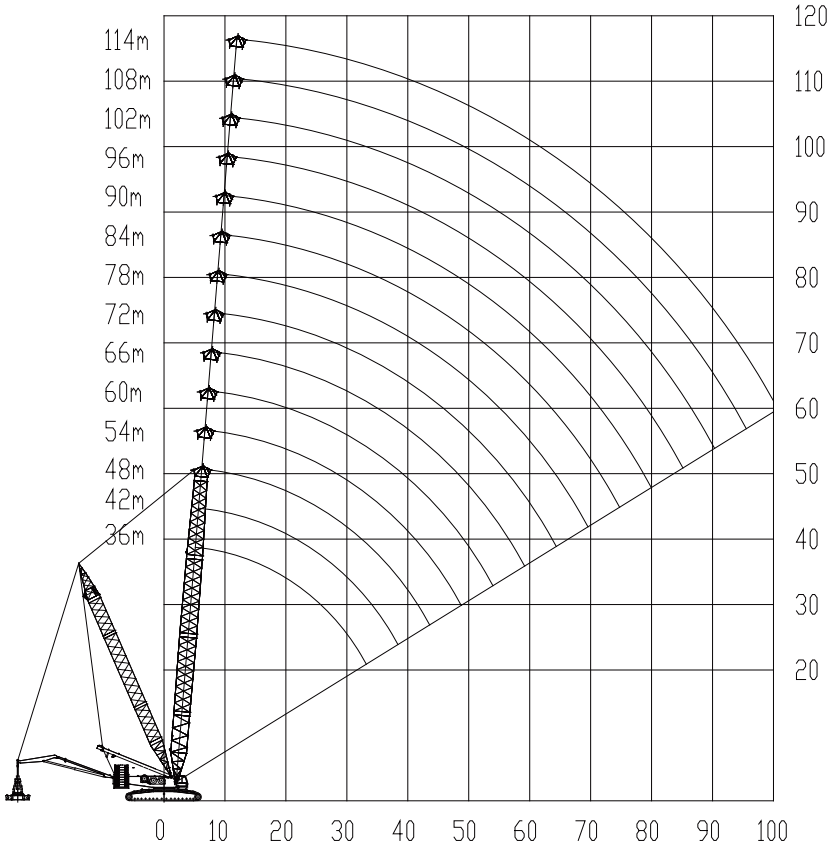
lifting capacity tables in standard tower jib working condition (with additional counterweight)

Lifting capacity tables in standard tower jib working condition (with additional counterweight)																				
200t turntable counterweight+65t car-body counterweight+70t additional counterweight																				
Boom length(m)	Main boom 66m																			
Tower jib length (m)	24*			30*			36*			42*			48*			54*				
Radius (m)	Boom angle																			
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°		
18	185																			
20	165			163																
22	150			148			142													
24	137			134			130			125										
26	126			125			121			115			113			105				
28	117			115			111			106			105			101				
30	111			107			102			101			97			94				
34		75		94			90			89			84			79				
38		64			62		80	61		78			74			71				
42		55			54		69	53		67	52		65			63				
46					47			46		58	45		57	44		55				
50			32			30		40			39		50	38		49	37			
54						25			25		34			33		43	32			
58						22			22		31	21		30		38	29			
62									19			18		25	16		25			
66												16			14		22	12		
70												14			11		19	10		
74															10			9		
78																		7		

lifting capacity tables in standard tower jib working condition (with additional counterweight)

Lifting capacity tables in standard tower jib working condition (with additional counterweight)															
200t turntable counterweight+65t car-body counterweight+70t additional counterweight															
Boom length(m)	Main boom 66m														
Tower jib length (m)	60*			66*			72*			78*			84*		
Radius (m)	Boom angle														
	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°	85°	75°	65°
28	92														
30	89			81											
34	73			67			61			56					
38	66			62			57			52			47		
42	59			56			52			48			44		
46	53			51			48			44			41		
50	47	34		45			43			41			38		
54	42	31		41	30		39			37			35		
58	37	26		36	25		35	24		33	23		30		
62	33	23		32	23		30	20		29	19		27	17	
66		20		28	19		27	18		26	17		23	15	
70		18	9	23	17		23	16		22	15		21	12	
74		16	7		15	6	20	13		19	12		17	11	
78			6		12	5		11	4	17	10		15	9	
82			5			4		9	3		9		13	6	
86								8			6		11	5	
90											5			4	

4. XGC11000_SHB-S7 Heavy-duty boom with super lifting device



XGC11000_SHB-S7 Working range of heavy-duty boom with super lifting device

XGC11000–SHB–S7 Performance table of heavy–duty boom with super lifting device

Turntable counterweight: 180t; vehicle body counterweight: 45t;
super lifting device mast: 36m; super lifting device radius: 24m; super lifting device counterweight: 380t

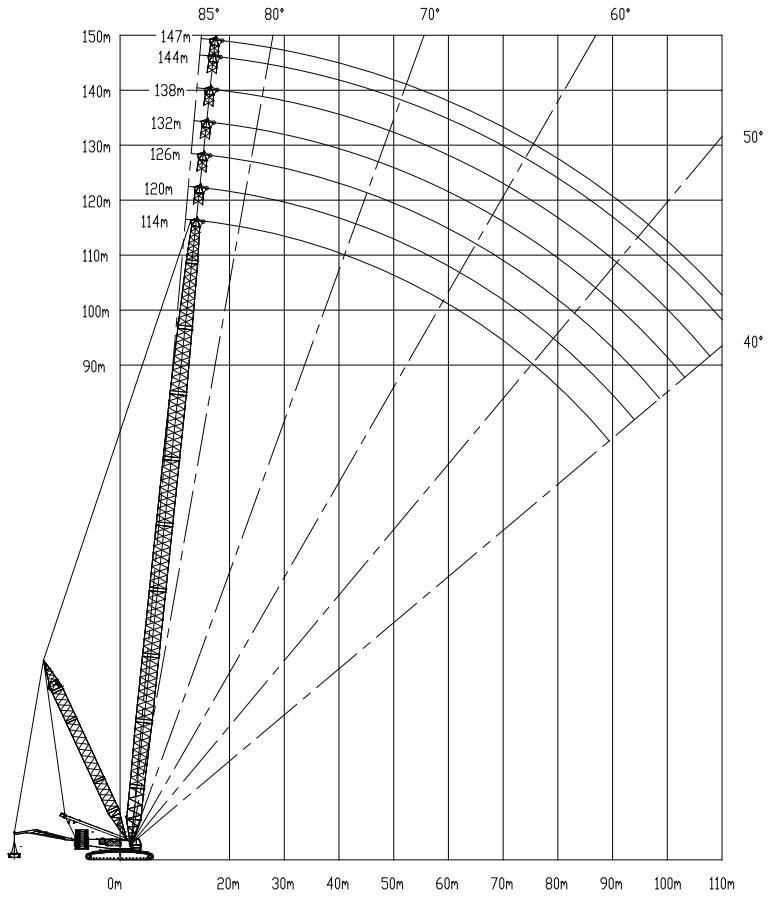
Radius (m)	Boom length (m)														Radius (m)
	36	42	48	54	60	66	72	78	84	90	96	102	108	114	
<6.5	700														<6.5
8	650	650													8
9	650	650	624	550											9
10	650	650	624	550	499	447									10
11	650	650	624	550	499	447	393	365							11
12	650	650	624	550	499	447	393	365	337						12
14	640	630	600	550	499	447	393	365	337	309	280	280	251		14
16	630	595	585	550	499	447	393	365	337	309	280	280	251	243	16
18	600	535	525	515	499	447	393	365	337	309	280	280	251	243	18
20	530	480	470	460	450	447	393	365	337	309	280	280	251	243	20
22	470	430	425	420	415	410	393	365	337	309	280	280	251	243	22
24	430	390	370	360	350	345	340	335	337	309	280	280	251	242	24
26	380	360	355	348	345	340	335	320	325	309	280	280	251	238	26
28	340	330	320	315	310	305	300	290	290	285	280	275	245	233	28
30	300	290	280	275	270	265	260	255	250	245	240	235	230	228	30

XGC11000–SHB–S7 Performance table of heavy–duty boom with super lifting device

Turntable counterweight: 180t; vehicle body counterweight: 45t;
super lifting device mast: 36m; super lifting device radius: 24m; super lifting device counterweight: 380t

Radius (m)	Boom length (m)														Radius (m)
	36	42	48	54	60	66	72	78	84	90	96	102	108	114	
34		270	265	260	255	250	245	238	230	229	228	224	220	218	34
38		240	238	235	230	228	225	222	220	218	216	212	210	208	38
42			233	230	225	220	215	210	205	203	201	199	197	195	42
46				225	220	214	208	200	197	195	192	190	187	185	46
50					202	200	195	190	185	183	180	178	174	172	50
54					180	175	170	165	164	163	162	161	160	159	54
58						167	164	162	160	158	156	154	152	150	58
62							152	145	144	143	142	141	140	139	62
66								135	134	133	132.5	132	131	130	66
70								128	127	125	124	122	121	119	70
74									118	116	114	112	111	110	74
78										107	105	103	102	101	78
82											98.9	97	95.9	94	82
86												90	88.9	87	86
90												83.8	82.5	80.6	90
94													76.6	74.7	94
98														69.3	98

5. XGC11000_SLB–S7 Lightweight boom with super lifting device

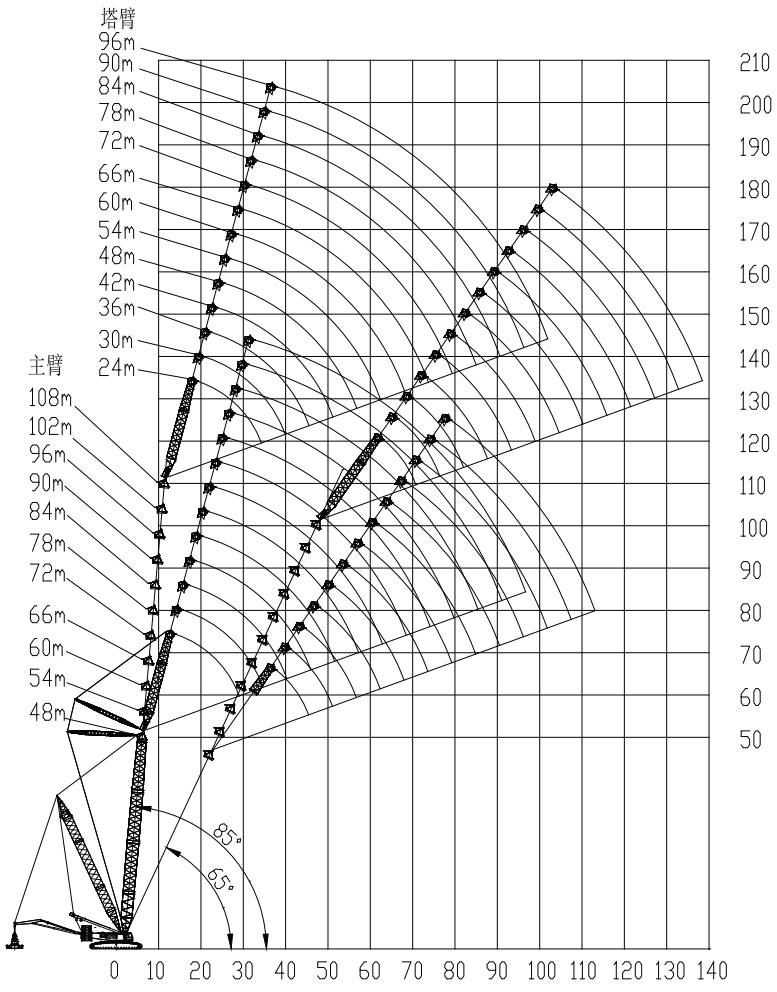


XGC11000_SLB–S7 Working range of lightweight boom with super lifting device

XGC11000_SLB–S7 Performance table of lightweight boom with super lifting device
Turntable counterweight: 200t; vehicle body counterweight: 65t; super lifting device mast: 36m; super lifting device radius: 16m~24m; super lifting device counterweight: 0~250t

Radius (m)	Boom length (m)											
	114	117	120	123	126	129	132	135	138	141	144	147
16	240	234	229									
18	240	234	229	216	204	193	182	172	163			
20	239	232	228	216	204	193	182	172	163	154	146	138
22	238	230	227	215	203	192	182	171	163	154	145	138
24	236	227	226	214	203	191	181	170	162	154	144	138
26	233	224	225	213	201	190	180	169	162	153	143	138
28	228	220	223	211	199	188	179	168	161	153	142	137
30	220	215	220	207	196	186	177	167	161	152	141	136
34	208	205	209	201	192	183	175	166	158	150	140	135
38	196	190	190	190	185	175	170	161	155	145	137	133
42	172	171	170	168	168	165	160	153	150	138	134	130
46	153	152	151	149	148	147	146	144	140	132	130	126
50	136	135	135	133	133	132	131	130	129	123	124	120
54	122	121	121	119	119	118	117	116	116	113	114	113
58	110	109	109	107	107	106	105	104	104	102	102	100
62	100	99.4	98.6	96.8	96.7	95.6	94.8	93.7	94.1	92.4	91.6	90.5
66	91.4	90.3	89.5	87.7	87.6	86.4	85.7	84.6	85	83.3	82.5	81.4
70	83.3	82.2	81.4	79.6	79.5	78.4	77.6	76.5	76.9	75.3	74.4	73.4
74	75.9	74.8	74.1	72.3	72.2	71	70.2	69.2	69.6	67.9	67.1	66
78	69.4	68.3	67.5	65.8	65.7	64.5	63.7	62.6	63.1	61.4	60.6	59.5
82	63.5	62.4	61.6	59.9	59.8	58.6	57.8	56.7	57.2	55.5	54.7	53.6
86	58.2	57.1	56.3	54.6	54.5	53.3	52.5	51.4	51.9	50.2	49.4	48.3
90	53.3	52.2	51.5	49.8	49.7	48.5	47.7	46.6	47.1	45.4	44.6	43.5
94	48.9	47.8	47.1	45.4	45.3	44.1	43.3	42.2	42.7	41	40.2	39.1
98	44.8	43.8	43	41.3	41.2	40.1	39.3	38.2	38.7	37	36.2	35.1
102		40	39.3	37.6	37.5	36.4	35.6	34.5	34.9	33.3	32.5	31.4
106			35.8	34.2	34.1	32.9	32.2	31.1	31.5	29.9	29.1	28
110					30.9	29.7	29	27.9	28.4	26.7	25.9	24.8

6 XGC11000_SWJ-S6 Luffing jib with super lifting device



XGC11000_SWJ-S6 Working range chart of luffing jib with super lifting device (unit: m)

XGC11000_SWJ-S6 Performance table of luffing jib with super lifting device
Main boom: 48m; boom angle: 85° ; turntable counterweight: 180t; vehicle body counterweight: 45t; super lifting device mast 42m; super lifting device counterweight: 0 ~ 300t; super lifting device radius: 16m ~ 24m

Radius (m)	Jib length (m)												
	24	30	36	42	48	54	60	66	72	78	84	90	96
16	355												
17	355	347											
18	355	339											
19	355	330	284										
20	355	320	278										
22	318	300	264	231									
24	281	278	250	221	193								
26	252	255	235	211	186	163							
28	228	231	220	200	179	158	139						
30		210	205	189	171	153	135	119	104				
32		193	191	178	163	147	131	116	102	89.9			
34		179	177	167	154	141	126	113	100	88.3	77.4		
36			164	156	146	135	122	109	97.8	86.5	76.1	67	
38			151	146	138	128	117	106	95.2	84.7	74.7	66	57.9
40			140	136	130	122	112	102	92.6	82.7	73.2	64.8	57
42				127	122	116	108	99.2	89.8	80.6	71.7	63.7	56.1
44				119	115	110	103	95.4	86.9	78.5	70	62.4	55.1
46				110	108	104	98.4	91.7	84	76.3	68.4	61.1	54.1
48					101	98.5	93.7	87.9	81.1	74	66.6	59.8	53.1
50					95.2	93	89.1	84.2	78.1	71.7	64.8	58.4	52
52					89.3	87.8	84.6	80.5	75.1	69.4	63	57	50.9
54						82.8	80.3	76.8	72.2	67	61.2	55.6	49.8
56						78	76.1	73.3	69.3	64.7	59.3	54.1	48.6
58							72.1	69.9	66.4	62.3	57.4	52.6	47.4
60							68.3	66.5	63.6	60	55.6	51.1	46.2
62							64.7	63.3	60.8	57.7	53.7	49.6	45
64								60.2	58.1	55.5	51.8	48.1	43.8
66								57.2	55.5	53.2	50	46.6	42.6
68								54.4	53	51.1	48.2	45.1	41.4
70									50.6	48.9	46.4	43.6	40.1
74									45.9	44.9	42.9	40.6	37.7
78										41	39.5	37.8	35.3
82											36.4	35	32.9
86												32.4	30.6
90												29.9	28.4
94													26.3

XGC11000_SWJ-S6 Performance table of luffing jib with super lifting device
Main boom: 60m; boom angle: 85° ; turntable counterweight: 180t; vehicle body counterweight: 45t; super lifting device mast 42m; super lifting device counterweight: 0 ~ 300t; super lifting device radius: 16m ~ 24m

Radius (m)	Jib length (m)												
	24	30	36	42	48	54	60	66	72	78	84	90	96
17	328												
18	328												
19	328	297											
20	323	288	253										
22	297	270	241	213									
24	271	251	227	204	180								
26	247	232	213	194	173	153							
28	224	213	199	183	165	148	131						
30	204	195	185	172	157	142	127	112					
32		179	171	161	149	136	122	109	97.4				
34		164	158	151	141	130	118	106	95	84.2			
36		150	146	140	133	124	113	103	92.4	82.4	72.8		
38			135	131	125	117	108	99.3	89.6	80.4	71.3	63.3	
40			124	121	117	111	103	95.5	86.8	78.2	69.7	62.1	54.8
42				113	109	105	98.6	91.6	83.7	75.9	68	60.8	53.8
44				105	102	98.9	93.6	87.6	80.7	73.6	66.2	59.4	52.7
46				97.4	95.8	93	88.7	83.6	77.5	71.2	64.4	58	51.6
48					89.4	87.4	84	79.7	74.4	68.7	62.4	56.5	50.5
50					83.4	82.1	79.4	75.8	71.2	66.2	60.4	54.9	49.3
52					77.8	77.1	74.9	72.1	68.1	63.6	58.4	53.4	48
54						72.3	70.7	68.4	65	61.1	56.4	51.8	46.8
56						67.7	66.6	64.8	62	58.6	54.4	50.1	45.5
58						63.5	62.8	61.4	59	56.1	52.3	48.5	44.1
60							59.1	58.1	56.1	53.7	50.3	46.8	42.8
62							55.6	55	53.3	51.3	48.3	45.1	41.4
64							52.3	52	50.7	48.9	46.3	43.5	40.1
66								49.1	48.1	46.7	44.3	41.8	38.7
68								46.4	45.6	44.5	42.4	40.2	37.3
70									43.2	42.3	40.6	38.6	36
74									38.8	38.3	37	35.5	33.3
78										34.5	33.6	32.5	30.8
82											30.5	29.7	28.3
86											27.6	27.1	25.9
90												24.6	23.7
94													21.6
98													19.6

XGC11000_SWJ-S6 Performance table of luffing jib with super lifting device
Main boom: 72m; boom angle: 85° ; turntable counterweight: 180t; vehicle body counterweight: 45t; super lifting device mast 42m; super lifting device counterweight: 0 ~ 300t; super lifting device radius: 16m ~ 24m

Radius (m)	Jib length (m)												
	24	30	36	42	48	54	60	66	72	78	84	90	96
18	300												
19	294												
20	283	255											
22	261	239	215										
24	239	222	203	184									
26	219	206	191	174	157								
28	199	189	178	165	150	135							
30	181	174	165	154	142	130	117						
32		159	152	144	135	124	112	101					
34		145	141	135	127	118	108	98.4	88.3	78.8			
36		133	130	125	119	112	103	94.7	85.6	76.9	68.3		
38			119	116	111	105	98.5	90.9	82.7	74.7	66.8	59.5	
40			110	108	104	99.7	93.6	87	79.7	72.6	65.1	58.2	51.6
42			101	100	97.4	93.7	88.7	83.1	76.6	70.1	63.2	56.9	50.5
44				92.7	90.8	88	83.8	79.1	73.5	67.6	61.3	55.4	49.4
46				85.9	84.6	82.5	79.1	75.2	70.2	65.1	59.3	53.9	48.2
48				79.5	78.7	77.2	74.6	71.3	67	62.5	57.3	52.2	47
50					73.2	72.3	70.2	67.5	63.9	59.9	55.2	50.6	45.7
52					68.1	67.6	66	63.8	60.7	57.3	53.1	48.9	44.3
54					63.3	63.2	62	60.3	57.7	54.7	51	47.2	43
56						59	58.2	56.9	54.7	52.2	48.9	45.4	41.5
58						55.1	54.6	53.7	51.9	49.7	46.8	43.7	40.1
60							51.2	50.6	49.1	47.3	44.7	42	38.7
62							48.1	47.6	46.4	45	42.7	40.2	37.3
64							45	44.8	43.9	42.7	40.7	38.5	35.8
66								42.2	41.4	40.5	38.7	36.9	34.4
68								39.7	39.1	38.4	36.9	35.2	33
70								37.3	36.9	36.3	35	33.6	31.6
74									32.8	32.5	31.6	30.5	28.9
78										29.1	28.4	27.6	26.3
82										25.9	25.4	24.9	23.9
86											22.7	22.4	21.6
90												20.1	19.4
94													17.4
98													15.6

XGC11000_SWJ-S6 Performance table of luffing jib with super lifting device
Main boom: 84m; boom angle: 85° ; turntable counterweight: 180t; vehicle body counterweight: 45t; super lifting device mast 42m; super lifting device counterweight: 0 ~ 300t; super lifting device radius: 16m ~ 24m

Radius (m)	Jib length (m)												
	24	30	36	42	48	54	60	66	72	78	84	90	96
19	244												
20	244												
22	229	210	191										
24	212	197	180	164									
26	194	183	170	156	141								
28	178	169	158	147	135	122							
30	162	155	147	138	128	117	106						
32	149	143	137	129	121	112	102	93					
34		131	126	121	114	106	98.2	89.7	81				
36		120	116	112	107	101	93.7	86.3	78.4	70.8			
38		110	107	104	100	95.3	89.1	82.6	75.6	68.7	61.7		
40			99.4	97.1	93.7	89.7	84.5	78.9	72.7	66.5	59.9	53.9	
42			91.6	90	87.4	84.2	79.9	75.1	69.6	64.1	58.1	52.5	46.8
44				83.4	81.4	78.9	75.4	71.4	66.6	61.6	56.2	51	45.7
46				77.2	75.8	73.9	71	67.6	63.5	59.1	54.2	49.4	44.4
48				71.5	70.5	69.1	66.7	64	60.4	56.6	52.1	47.8	43.2
50					65.6	64.6	62.7	60.4	57.4	54.1	50.1	46.1	41.8
52					61	60.3	58.8	57	54.4	51.5	48	44.4	40.4
54					56.7	56.3	55.2	53.7	51.5	49.1	45.9	42.7	39
56						52.6	51.7	50.6	48.7	46.6	43.8	41	37.6
58						49.1	48.4	47.6	46	44.3	41.8	39.2	36.2
60						45.8	45.4	44.7	43.4	42	39.8	37.5	34.7
62							42.5	42	40.9	39.7	37.8	35.8	33.3
64							39.8	39.5	38.6	37.6	35.9	34.2	31.9
66							37.2	37	36.3	35.5	34.1	32.5	30.5
68								34.8	34.2	33.6	32.3	31	29.1
70								32.6	32.2	31.7	30.6	29.4	27.7
74									28.4	28.2	27.3	26.5	25.1
78										25	24.4	23.7	22.6
82										22.1	21.7	21.2	20.3
86											19.2	18.9	18.1
90												16.8	16.1
94												14.8	14.3
98													12.6

XGC11000_SWJ-S6 Performance table of luffing jib with super lifting device
Main boom: 96m; boom angle: 85° ; turntable counterweight: 180t; vehicle body counterweight: 45t; super lifting device mast 42m; super lifting device counterweight: 0 ~ 300t; super lifting device radius: 16m ~ 24m

Radius (m)	Jib length (m)												
	24	30	36	42	48	54	60	66	72	78	84	90	96
20	205												
22	193	177											
24	180	167	153										
26	167	156	145	134									
28	154	145	136	127	116								
30	142	135	127	120	111	102							
32	131	125	119	112	105	97.8	89.5						
34		115	110	105	99.5	93	85.8	78.7					
36		106	102	98.7	93.6	88.2	81.9	75.6	68.9				
38		98.5	95.2	92	87.8	83.3	77.9	72.4	66.4	60.6	54.6		
40			88.2	85.6	82.2	78.5	73.9	69.1	63.8	58.6	53	47.8	
42			81.6	79.6	76.9	73.8	69.9	65.8	61.1	56.4	51.3	46.5	41.5
44			75.6	74	71.8	69.3	66	62.5	58.3	54.2	49.5	45.1	40.4
46				68.7	67	65	62.2	59.2	55.6	51.9	47.6	43.6	39.3
48				63.8	62.4	60.9	58.6	56	52.8	49.6	45.8	42.1	38
50				59.4	58.2	57	55	52.9	50.1	47.3	43.8	40.5	36.8
52					54.2	53.3	51.7	49.9	47.5	45.1	41.9	38.9	35.5
54					50.5	49.8	48.5	47	44.9	42.8	40	37.3	34.1
56					47.1	46.5	45.5	44.3	42.5	40.6	38.1	35.7	32.8
58						43.5	42.6	41.6	40.1	38.5	36.3	34.1	31.4
52					54.2	53.3	51.7	49.9	47.5	45.1	41.9	38.9	35.5
54					50.5	49.8	48.5	47	44.9	42.8	40	37.3	34.1
56					47.1	46.5	45.5	44.3	42.5	40.6	38.1	35.7	32.8
58						43.5	42.6	41.6	40.1	38.5	36.3	34.1	31.4
60						40.7	39.9	39.1	37.8	36.5	34.5	32.5	30.1
62							37.4	36.8	35.6	34.5	32.7	31	28.7
64							35	34.5	33.5	32.6	31	29.5	27.4
66							32.8	32.4	31.5	30.7	29.3	28	26.1
68								30.4	29.7	29	27.7	26.5	24.8
70								28.5	27.9	27.3	26.2	25.1	23.6
74									24.6	24.2	23.3	22.5	21.2
78									21.7	21.4	20.7	20.1	19
82										18.9	18.3	17.8	16.9
86											16.1	15.7	14.9
90											14.1	13.8	13.2
94												12.1	11.5
98													10

XGC11000_SWJ-S6 Performance table of luffing jib with super lifting device
Main boom: 102m; boom angle: 85° ; turntable counterweight: 180t; vehicle body counterweight: 45t; super lifting device mast 42m; super lifting device counterweight: 0 ~ 300t; super lifting device radius: 16m ~ 24m

Radius (m)	Jib length (m)												
	24	30	36	42	48	54	60	66	72	78	84	90	96
20	187												
22	177	162											
24	166	154	141										
26	154	144	134	123									
28	143	135	126	117	107								
30	132	125	118	111	102	94.6							
32	122	116	110	104	97.6	90.5	82.8						
34	114	108	103	98.2	92.3	86.2	79.4	72.8					
36		100	96	91.9	87	81.8	75.9	70	63.8				
38		92.7	89.2	85.8	81.7	77.4	72.3	67.1	61.5	56.2			
40			82.8	80	76.6	73	68.6	64.1	59.1	54.3	49		
42			76.8	74.5	71.7	68.7	64.9	61	56.6	52.2	47.5	43	
44			71.3	69.4	67.1	64.6	61.4	58	54	50.2	45.8	41.7	37.3
46				64.6	62.6	60.6	57.9	55	51.5	48	44.1	40.3	36.2
48				60.1	58.5	56.8	54.5	52	48.9	45.9	42.3	38.9	35.1
50				55.9	54.6	53.2	51.2	49.1	46.4	43.8	40.5	37.4	33.9
52					50.9	49.8	48.1	46.3	44	41.7	38.7	35.9	32.6
54					47.5	46.6	45.2	43.7	41.6	39.6	36.9	34.4	31.4
56					44.3	43.6	42.4	41.1	39.3	37.5	35.1	32.9	30.1
58						40.7	39.7	38.7	37.1	35.6	33.4	31.4	28.8
60						38.1	37.2	36.3	35	33.6	31.7	29.9	27.6
62						35.6	34.9	34.1	32.9	31.8	30.1	28.4	26.3
64							32.7	32	31	30	28.5	27	25
66							30.6	30.1	29.1	28.3	26.9	25.6	23.8
68							28.7	28.2	27.4	26.7	25.4	24.3	22.6
70								26.4	25.7	25.1	24	23	21.4
74									22.7	22.2	21.3	20.5	19.2
78									19.9	19.6	18.8	18.2	17.1
82										17.2	16.6	16.1	15.1
86											14.5	14.1	13.3
90											12.7	12.4	11.6
94												10.8	10.1

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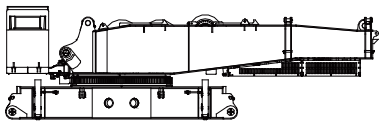
XGC11000 CRAWLER CRANE

P39-45 Transport Plan

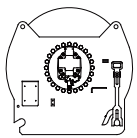
Transport Plan



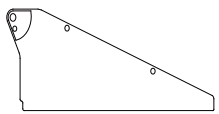
Main machine	×1
L	12650mm
W	3460mm
H	3470mm
W	71000kg

Crawler beam	×2
L	12400mm
W	1870mm
H	1730mm
W	45000kg

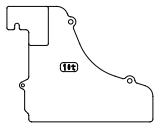
Mast assembly	×1
L	13170mm
W	2250mm
H	1510mm
W	15430kg



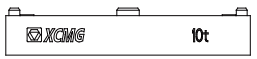
Winch system	×2
L	2080mm
W	1260mm
H	1240mm
W	6700kg



Vehicle body counterweight box	×2
L	2335mm
W	1440mm
H	910mm
W	12500kg

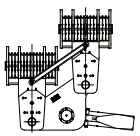


Superstructure counterweight box	×2
L	2545mm
W	2520mm
H	2140mm
W	10000kg

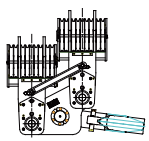


10t counterweight slab	×50
L	2750mm
W	1750mm
H	540mm
W	10000kg

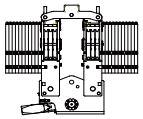
5t counterweight slab	×9
L	2750mm
W	1750mm
H	260mm
W	5000kg



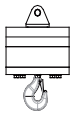
700t hook block	×1
L	3210mm
W	1685mm
H	2880mm
W	13100kg



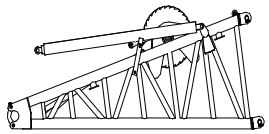
500t hook block	×1
L	2113mm
W	1685mm
H	2880mm
W	12000kg



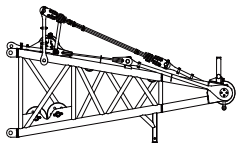
200t hook block	×1
L	2500mm
W	1000mm
H	2300mm
W	9000kg



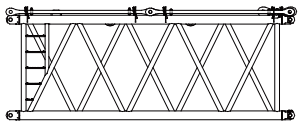
16t hook block	×1
L	1200mm
W	700mm
H	700mm
W	1500kg



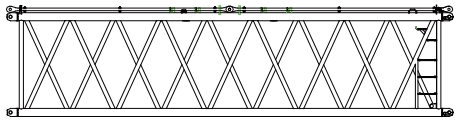
Base section assembly of super lifting device	×1
L	6390mm
W	3000mm
H	2460mm
W	13600kg



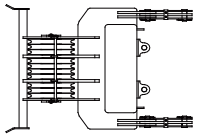
Top section assembly of super lifting device	×1
L	6430mm
W	3280mm
H	3460mm
W	8840kg



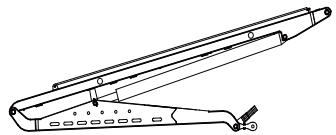
6m section of super lifting device	×1
L	6200mm
W	3320mm
H	2470mm
W	4200kg



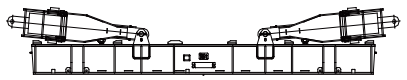
12m section of super lifting device	×2
L	12200mm
W	3320mm
H	2470mm
W	8700kg



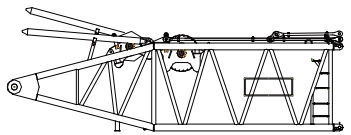
Luffing tackle of super lifting device	×1
L	12500mm
W	1960mm
H	710mm
W	3000kg



Luffing device of super lifting counterweight	×1
L	9430mm
W	3370mm
H	3000mm
W	10200kg

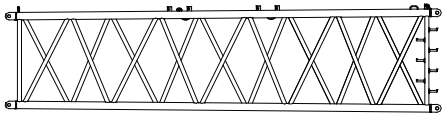


Super lifting device counterweight pallet I	×1
L	9700mm
W	2180mm
H	1500mm
W	15000kg

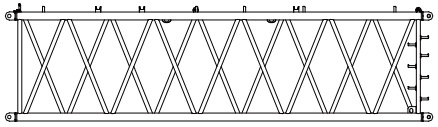


Base section of main boom	×1
L	10850mm
W	3070mm
H	3280mm
W	20900kg

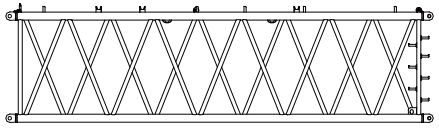
Transport Plan



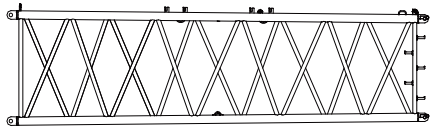
Main boom 12m transition section I	×1
L	12230mm
W	3750mm
H	3250mm
W	9560kg



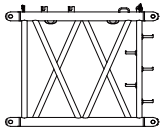
Main boom heavy–duty 12m section	×1
L	12230mm
W	3750mm
H	3250mm
W	10200kg



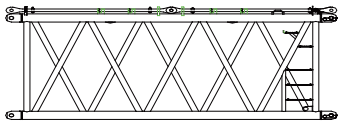
Main boom 12m middle section	×4
L	12230mm
W	3750mm
H	3250mm
W	8500kg



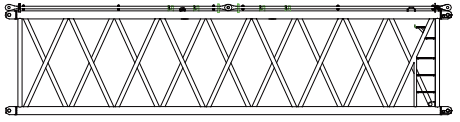
Super lifting device counterweight pallet I	×1
L	12230mm
W	3750mm
H	3250mm
W	7900kg



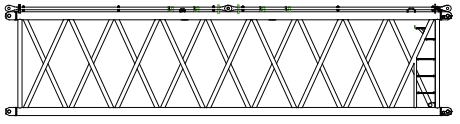
Main boom 3m section	×1
L	3250mm
W	3070mm
H	3050mm
W	2500kg



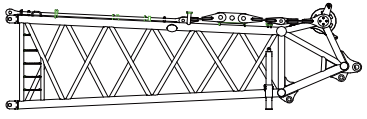
Main boom 6m section	×1
L	6250mm
W	3070mm
H	3050mm
W	4600kg



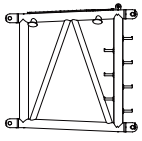
Main boom heavy–duty 12m section A	×1
L	12200mm
W	3070mm
H	3050mm
W	7800kg



Main boom 12m center hitch section B	×1
L	12200mm
W	3070mm
H	3050mm
W	7350kg

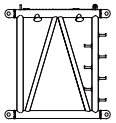


Luffing jib TB7.5A–T	×1
L	8520mm
W	3070mm
H	2580mm
W	6200kg

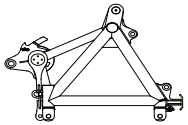


Main boom 3m connective section I	×1
L	5240mm
W	3230mm
H	2580mm
W	6200kg

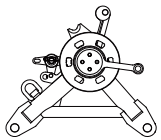
Transport Plan



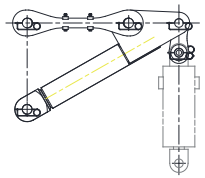
Main boom 3m connective section II	×1
L	5240mm
W	3230mm
H	3220mm
W	4900kg



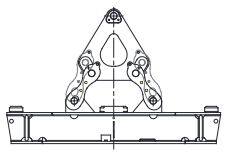
Boom head	×1
L	3350mm
W	2800mm
H	2650mm
W	4950kg



Tackle	×2
L	1550mm
W	1600mm
H	1400mm
W	1650kg



Connecting bracket	×1
Length (L)	1640mm
Width (W)	3034mm
Height (H)	1505mm
Weight (W)	1150kg



Additional counterweight tray	×1
Length (L)	2750mm
Width (W)	7516mm
Height (H)	1735mm
Weight (W)	9075kg