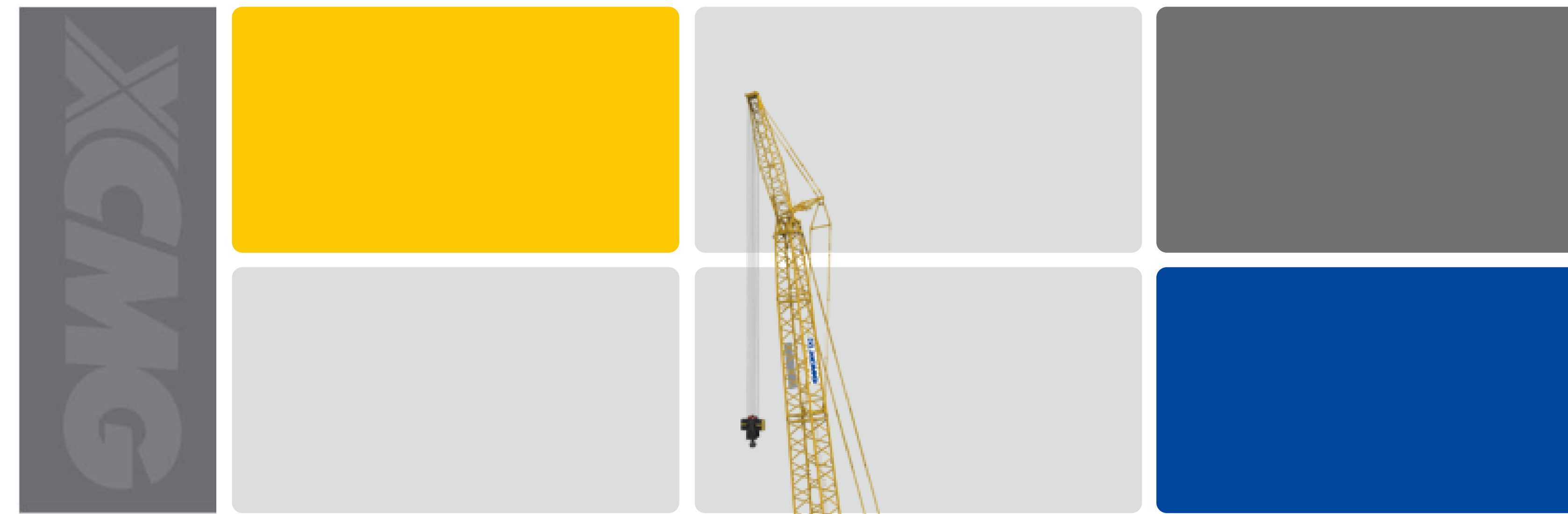




XGC11000 Lattice Crawler Crane



XGC11000



1800CRANES
(08) 9459 6212

www.ronco.com.au
xcmg@ronco.com.au



CONTENTS

P03

- Product Highlights
- Safety Protection Devices

P15

- Main Parts List
- XGC11000 Crawler Crane Main Technical Specifications
- Load charts of typical working conditions

P49

- Transport plan
- Transport size

02

XGC11000 : 18N CRAWLER CRANE

- Product Highlights
- Safety Protection Devices
- Main Parts List
- XGC11000 Crawler Crane Main Technical Specifications
- Load charts of typical working conditions

Parts and System Description

Boom Combinations

crawler crane boom sections are high strength seamless steel as main chords and web tubes, and assistant with high strength steel welded to be equal sections in the middle, and variant section at the both sides to form 4-chord special lattice structure.

Standard working condition

- HB: standard working condition heavy duty boom, 24~96m, 10.5m boom butt×1, 6m insert section×2, 12m insert section A×1, 12m insert section B×2, 12m insert section B-center hitch×1, 12m thin wall insert section C×1, 12m tipper section ×1, 1.5m boom head ×1.
- LB: standard working condition light duty boom, 66~108m, 10.5m boom butt×1, 12m boom insert B×2, 12m insert B-center hitch×1, 12m tipper section×1, 12m tower jib section A×1, 6m tower jib section ×2, 12m tower jib section B×2, 7.5m tower jib top section ×1.
- WJ: standard working condition tower jib, when boom length is 30~66m, tower jib 24~84m can be added, 4.5m tower jib butt×1, 6m tower jib insert section×2, 12m tower jib thick wall insert section A×1, 12m tower jib thick wall insert section B×2, 12m tower jib thin wall insert section C×2, 7.5m tower jib top section ×1.
- HJ-S3: standard working condition wind power jib, when boom length is 78~102m, wind power jib can be added. 10.5m boom butt×1, 12m transition section I (strengthened) ×1, 12m insert section (strengthened) ×1, 12m transition section II (strengthened) ×1, 3m insert section×1, 6m insert section×1, 12m insert section A×1, 12m boom insert section B×2, 12m boom center hitch section B×1, 12m tipper section ×1, 12m tower jib thick wall insert section A×1, 7.5m tower jib top section×1. Wind power jib is 12m×1.

SL working condition

- SHB-S7 SL working condition heavy duty boom : optional boom length is 36 ~ 114m , its composition: 10.5m boom butt×1, 12m transition section I (strengthened) ×1, 12m heavy duty section (strengthened) ×1, 12m insert section (strengthened) ×4, 12m transition section II (strengthened) ×1, 6m insert section×1, 12m tipper section ×1, 1.5m boom head ×1.
- SLB-S7 SL working condition light duty boom : optional boom length is 114~147m, its composition: 10.5m boom butt×1, 12m transition section I (strengthened) ×1, 12m heavy duty boom (strengthened) ×1, 12m insert section (strengthened) ×4, 12m transition section II (strengthened) ×1, 3m insert section ×1, 6m insert section ×1, 12m insert section A×1, 12m insert section B-center hitch ×1, 12m tipper section ×1, 7.5m tower jib head ×1.
- SLB-TS4 SL working condition light duty boom: optional boom length is 126~165m, its composition: 10.5m boom butt ×1, 3m connection section I ×1, 10.5m larger cross section boom I×2, light duty larger cross section boom II ×2, 3m connection section II×1, 12m insert section (strengthened) ×4, 12m transition section II (strengthened) ×1, 3m insert section ×1, 6m insert section ×1, 12m insert section A×1, 12m tipper section ×1, 7.5m tower jib head ×1.
- SWJ-S7 SL working condition tower jib: when boom length is 48 ~ 108m , tower jib 24~96m can be added, 4.5m jib butt ×1, 6m tower jib insert section ×2, 12m tower jib thick wall insert section A×1, 12m tower jib insert section B×2, 12m tower jib thin wall insert section C×3, 7.5m tower jib top section ×1.

■ SHJ-S7 SL working condition wind power jib: optional boom length is 96~147 m, wind power jib 12m, its composition: 10.5m boom butt×1, 12m transition section I (strengthened)×1 12m heavy duty section (strengthened) × 1, 12m insert section (strengthened) × 4, 12m transition section II (strengthened) × 1, 3m insert section × 1, 6m insert section × 1, 12m insert section A×1, 12m insert section B-center hitch×1, 12m tipper section × 1, 7.5m tower jib head×1, 12m wind power jib assembly ×1.

■ SHJ-S9 SL working condition wind power jib: optional boom length is 96~168m, wind power jib 12m, its composition: 10.5m boom butt × 1, 12m transition section I (strengthened), 12m heavy duty section (strengthened) ×1, 12m insert section (strengthened) ×1, 12m transition section II (strengthened), 3m insert section×1, 6m insert section×1, 12m insert section×1, 12m boom center hitch section B×1, 12m tipper section ×1, 7.5m tower jib top section×1. Wind power jib is 12m×1.

■ SHJ-TS4 SL working condition wind power jib: optional boom length is 126~165m, wind power jib 12m, its composition: 10.5m boom butt × 1, 3m connection section I × 1, 10.5m large cross-section boom I ×2, light duty large cross-section boom II × 2, 3m connection section II×1, 12m insert section (strengthened) ×4, 12m transition section II (strengthened) ×1, 3m insert section ×1, 6m insert section ×1, 12m insert section A×1, 12m tipper section ×1, 7.5m tower jib head×1, 12m wind power jib assembly ×1.

Boom luffing components

- Boom luffing component is composed of two-group pendant, made of high-strength steel and one-time cutting; with high safety factor. Pendants are equipped with balance beam, effectively keep the two groups of pendants in balance state and even force bearing.

Mast

- Mast is box-type of twin limb structure, with additional beam between two limbs for good overall stability. Mast is equipped with raising device; SL mast is equipped with automatic backstop system. Standard type mast can be used as temporary boom to realize self-assembly/dismantling of crawler track and boom.

Turntable

- Turntable is box type structure made of domestic high-strength steel plate, connected with “工” type and box type beam in the middle of it, and arranged with reinforced plate near the slewing center.

Mechanism composition

Refer to the following table for the crane mechanism and its application.

Symbol	Chinese Name	English Name	Application
(	Main hoist winch	Boom, jib, tower jib lifting operation	Turntable
)	Auxiliary hoist winch	Boom, jib, tower jib lifting operation	Turntable
*	Single pulley hoisting mechanism	Hoisting of single pulley of boom and tower jib head	Boom butt
+	Main boom luffing mechanism	Boom luffing operation	Turntable
,	Tower jib luffing mechanism	Tower jib luffing	Boom butt
-	SL luffing mechanism	SL boom luffing operation	SL mast butt
.	Slewing mechanism	Superstructure slewing	Turntable
/	Travel mechanism	Overall crane travel	Crawler track
O	Reeving mechanism	Wire rope reeving assistance	Turntable

Main hoist winch

- Turntable is box type structure made of domestic high-strength steel plate, connected with “工” type and box type beam in the middle of it, and arranged with reinforced plate near the slewing center.
- Main hoist winch rope, rope diam.φ28 mm;
- Main hoist winch rope, rope diam.φ28 mm;

Boom luffing winch

- Boom luffing winch is a twin drum independent drive unit, with ratchet locking device, built-in speed reducer, and disc type constant closed brake. rope diam. φ 28 mm.
- Super-lift luffing winch has ratchet locking device, built-in speed reducer, and disc type constant closed brake. rope diam. φ 28 mm.

Slewing gear

- Slewing gear is arranged at front of turntable and made of two planetary reducers, external engagement with slewing bearing with hydraulic buffering device and sliding function, and controllable constant-closed disc brake for the function of free-swing. Reliable working and easy maintenance.

Slewing ring

- Slewing ring is 3-row roller type external meshed slewing ring, with high strength, heavy load bearing capacity, and easy for repair and maintenance.

Oil cylinder assy

- Slewing ring is 3-row roller type external meshed slewing ring, with high strength, heavy load bearing capacity, and easy for repair and maintenance.

Operator's cabin

- Operator's cabin is ergonomic design, wide vision, comfortable and convenient operation.
- when the crane is in transport, the operator's cabin can be turned 90° to the front of turntable (boom base removed) so as to reduce transport width;

- when the crane is in operation, the operator's cabin can be tilted upward 20° for high level vision.

Car-body

- Car-body is made of high-strength steel and welded in box type structure, with cross panel installed in the middle to strengthen its stiffness against torsion, simple structure, high loading capacity and good rigidity.

Track frame

- Crawler travel unit consists of track frame, track shoe, track roller, drive sprocket, idler roller and travel motor. Track frame is box-type structure, the connection place to frame is partially strengthened, with cross panel installed in the middle of it.
- Two crawler tracks are symmetrically arranged, equipped with track board with width of 1.5m, can be operated synchronously or independently to achieve straight drive and turning around. Crawler travel unit has German imported built-in planetary reducer and driven by variable motor.

Hydraulic System

- Combination of closed/open type system with electronic proportional pilot control and variable displacement pump system, good system stability and fine speed regulation.
- Main/auxiliary hoist winch, boom/jib luffing winch, travel unit are of open or close type pump control system with confluence function.
- Slewing gear is closed type pump control system, no need of balance valve and change valve, smooth drive and no impact.
- Variable displacement motor drive is used for main/auxiliary hoist winch and travel unit with large range of speed regulation. Variable displacement motor + variable displacement pump control system can have accurate regulation for movement speed, and with good fine motion.

Electrical System

- Electrical system mainly includes: operation control and safety monitoring for engine, instrument, auxiliary equipment, hydraulic system and load moment limiter.
- Electrical system composition: conventional electric system and PLC monitoring system.
- Conventional electrical system including power supply, start control, engine control and state monitoring, cabin air-conditioner and acoustics, illumination (lamp), rain wiper, and interphone.
- PLC control system includes main/auxiliary winch, slewing gear, boom luffing, left/right crawler travel, cabin rotation/tilting . All movements use electro-hydraulic proportional control technology , and with PLC logic control.

Engine System

- Manufacturer: famous brand, turbocharged, inter-cooled and electronic injection;
- Environmental: comply with Euro III emission regulation;
- Fuel tank capacity: 700L

Counterweight

- Counterweight includes car-body counterweight, turntable counterweight, SL counterweight.

Centralized Lubrication System

- The centralized lubrication system is a progressive lubrication system , with computer programming , can automatically point-to-point lubricate grease, ensure each lubrication point with enough grease, and make vehicle maintenance easy and relaxed.

Hook Block

E Xd \	. ' ' K	, ' ' K	) + ' K	(- K
; \X[weight (t)	(* %	() %	0 %	(%
Quantity	((((
Pulley gi f l g) +	(/	-	.

Notes: 700t hook is a combination hook, which can be disassembled into 350t hook.
 500t hook is a combination hook, which can be disassembled into 250t hook.
 240t hook is a combination hook, which can be disassembled into 100t hook

Safety Protection Devices

The safety protection devices comprise: load moment limiter, turntable lock pin, boom backstop, hoist limit switch, anemometer, level gauge, hydraulic system overflow valve, counterbalance valve, two-way hydraulic lock, slewing warning indicator and travel warning indicator, lightening protection device, over-released protection device, angle indicator, etc.

switch between installation mode & working mode

- under installation mode, over-released protection device, boom position limiter, and LML are all not working to facilitate installation; under working mode, all the safety devices work.

Emergency function

- All the movements can be stopped under emergency situation.

Mis-operation protection

- The lever has mis-operation function, there is safety protection switch at the front side of the lever. When this switch is not pressed down, all movements signals are shielded to prevent from mis-operation.

Overall-reeved protection

- There is an over-reeved protection device to prevent wire rope from over-reeving. When it reaches to a certain height, the indicator on the screen is light, meanwhile automatically stop hoisting movement.

Over-released function

- There is a rope end limiter on the hoisting mechanism to avoid over-releasing of rope. When there are only 3 loops left on the drum, the indicating light is on, meanwhile, the lowering movement automatically stops.

Luffing locking device

- It is to lock luffing winch to guarantee the safe stock when boom is not working.

Slewing locking function

- There is a slewing locking device for the slewing lock of superstructure.

Backstop protection

- There are main boom backstop and SL backstop devices to prevent boom and its strut from falling backwards.

Boom angle limit

- When boom angle reaches the max. limit, boom hoisting stops, it is controlled by load moment limiter and stroke switch; when boom angle is smaller than the prescribed angle, the lowering of boom is stopped, it is controlled by load moment limiter and audio warning is sent out.
- The upper and lower limits of tower jib is controlled by limit switch.

Hook latch protection

- All the hook blocks are protected with latches to prevent the rope from falling off.

Hydraulic system protection

- There are hydraulic system balance valve and overflow valve to guarantee working safety and stability.

Load moment limiter

- The load moment limiter automatically detects boom angle, lifting load; it sends out warning previously, and stop crane working once there is an overload.

Audio/Video warning

- There are triple color warning lamp and audio/video warning, the load and movement state can be indicated to give warning to the driver and personnel outside.

Illumination lamp

- There are illumination lamps at front of turntable, and inside operator's cabin and above the cabin for night operation.

Rearview mirror

- It is outside the cabin for the driver to observe the rear side of the crane.

Height indicating lamp

- it is on the boom top for aerial warning.

Wind speed indicator

- Anemometer detects current wind speed and send wind signal to a monitor in operator's cabin to alert operator for safety.

Level gauge

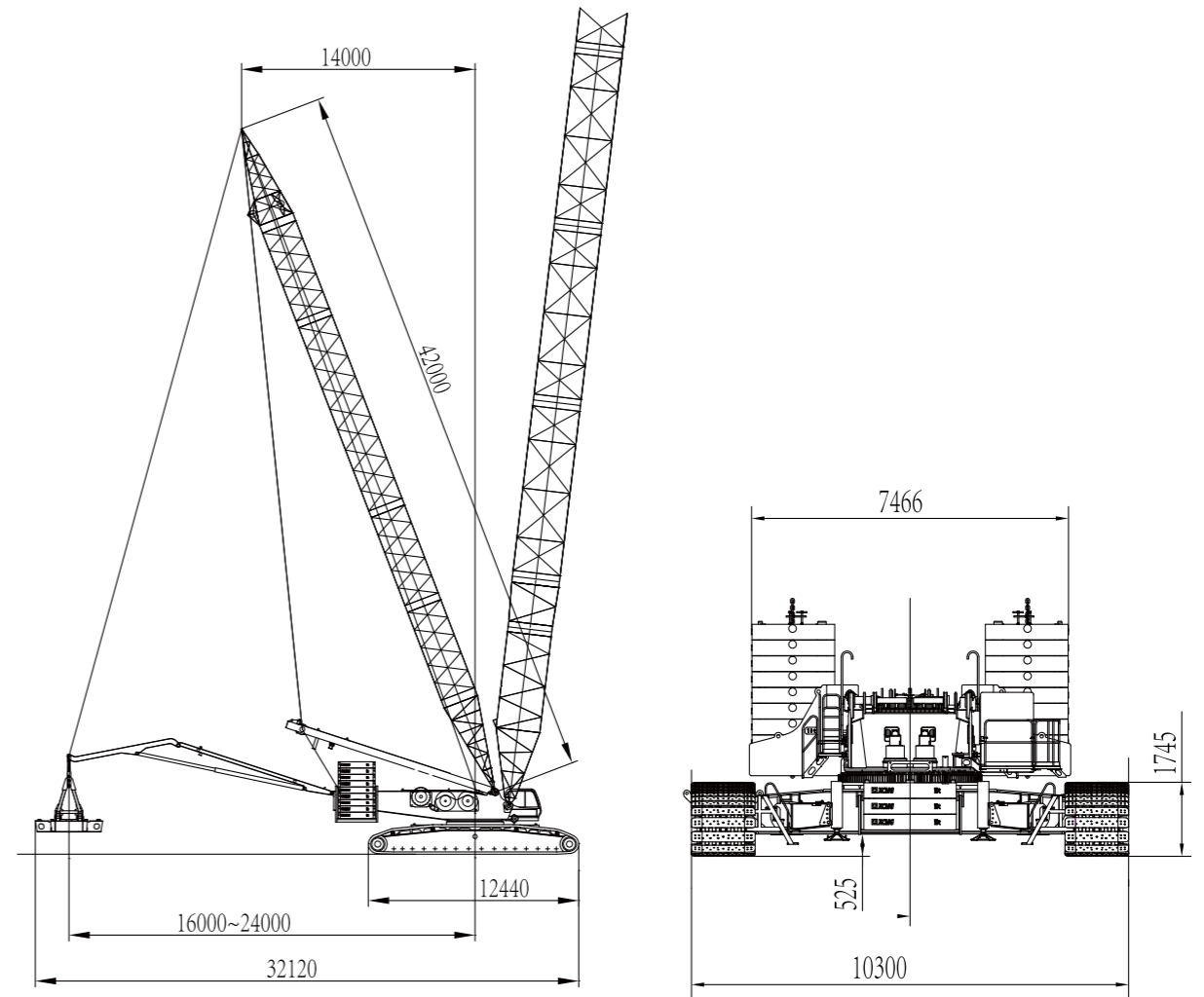
- There is an electronic and mechanical level gauge to indicate the slope condition for the reference of the driver.

Main Parts List

Main technical parameters

E f %	Parts name	D f [\c	D Xei]XZK i \i		
(	<e^e\	; : (-	International well-known brand		
)	Hydraulic system	I \ [I Z i	Q=K(('	Zhuzhou Gear or other equivalent well-known brand	
			D f k f i	? (\$9\$) ('	DANFOSS or other equivalent well-known brand
		8l o`cXry N `eZ_	I \ [I Z i	Q=K(('	Zhuzhou Gear or other equivalent well-known brand
			D f k f i	? (\$9\$) ('	DANFOSS or other equivalent well-known brand
		Main luffing winZ_	I \ [I Z i	Q=K(('	Zhuzhou Gear or other equivalent well-known brand
			D f k f i	8) =D (' .	Rexroth Germany or other equivalent well-known brand
		tower jib d]`e^ winZ_	I \ [I Z i	Q=K(('	Zhuzhou Gear or other equivalent well-known brand
			D f k f i	? (\$9\$) ('	DANFOSS or other equivalent well-known brand
		Jl g\i c]k d]`e^ winZ_	I \ [I Z i	Q=K(('	Zhuzhou Gear or other equivalent well-known brand
			D f k f i	? (\$9\$) ('	DANFOSS or other equivalent well-known brand
		J dn `e^	D f k f i	? ; 8) =</'	Huade Hydraulic or other equivalent well-known brand
			I \ [I Z i	Q=9/'	Zhuzhou Gear or other equivalent well-known brand
Ki X m \c	D f k f i	? (\$9\$) ('	DANFOSS or other equivalent well-known brand		
	I \ [I Z i	: D N > , -'	Dalian Huarui or other equivalent well-known brand		
	Main pump	? GM) \$8) \$ (* , C	Linde or other equivalent well-known brand		
	Main valve	D .	Rexroth Germany or other equivalent well-known brand		
*	Control system Load moment limiter	@C<O,	Hirschmann or other equivalent well-known brand		
+	J dn `e^ rin^	(* (%' %0*'	Rothe Erde Xuzhou or other equivalent well-known brand		
,	? f f b Block	) + ' k	Hongda/dachangshi or other equivalent well-known brand		

XGC11000 Crawler Crane Outline Dimension



XGC11000 Crawler Crane Outline Dimension

Notes: due to the difference of manufactures, there is difference on the model labeled.

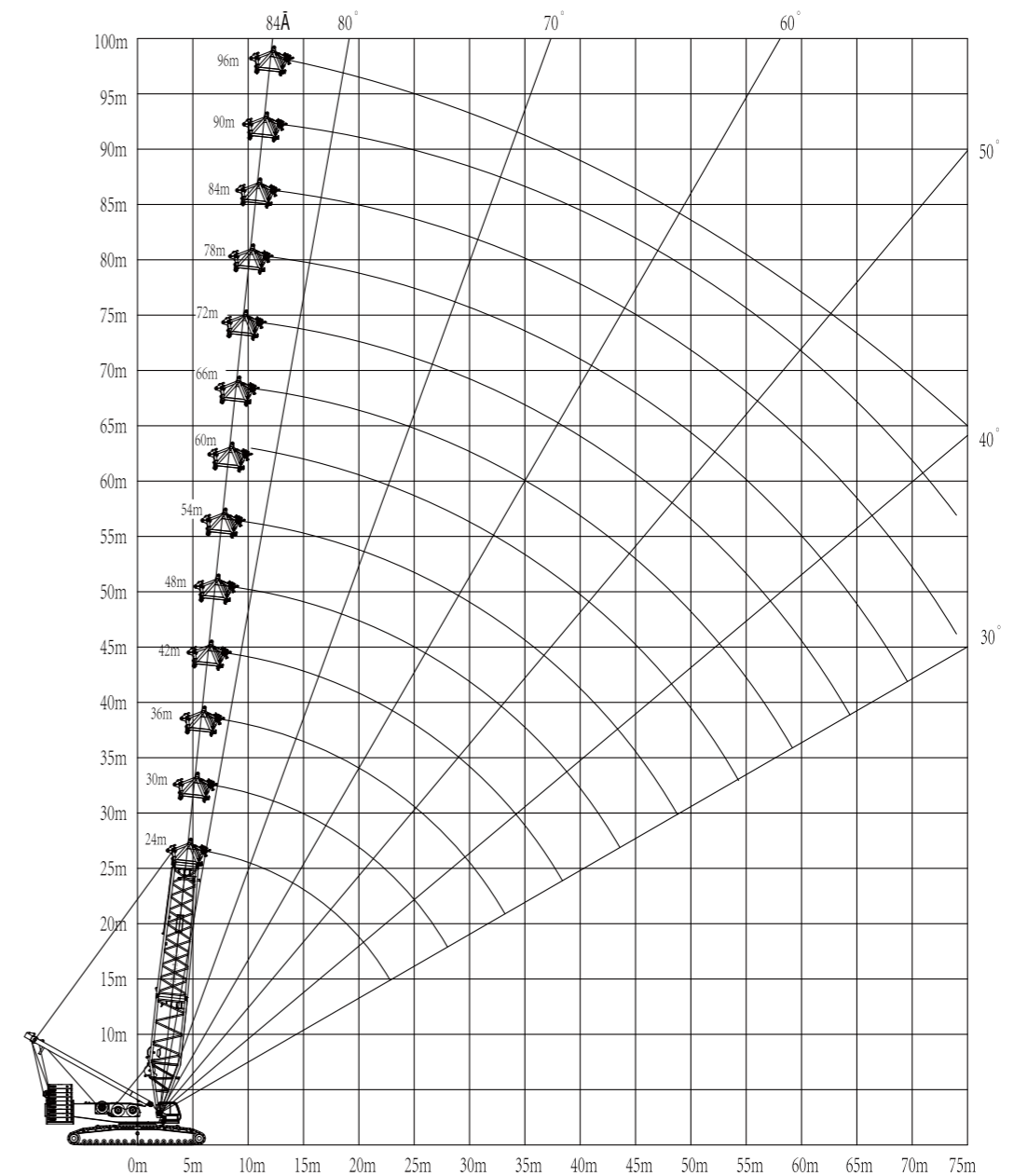
Main technical parameters

Crawler Crane Main Technical Specifications

Working condition		Leak	Capacity	
Standard working condition	Heavy duty boom working condition	t	650	
	Light duty boom working condition	t	330	
	Tower jib working condition	t	230	
	Wind power jib	t	165	
SL working condition	Heavy duty boom working condition	t	650	
	Light duty boom working condition	t	240	
	Light duty boom working condition	t	254	
	Lighter jib working condition	t	360	
	Wind power working condition	t	170	
	Light power working condition	t	240	
Max. lifting load moment		t.m	10800	
Size and configuration	Standard working condition	Heavy duty boom working condition length	m	24 ~ 96
		Light duty boom working condition length	m	66 ~ 108
		Lighter jib working condition length	m	30 ~ 66+24 ~ 84
		Light power jib boom length	m	78 ~ 102
	SL working condition	Heavy duty boom working condition length	m	48 ~ 114
		Light duty boom working condition length	m	114 ~ 147
		Light duty boom working condition length	m	126 ~ 165
		SL tower jib working condition length	m	48 ~ 108+24 ~ 96
		Wind power working condition boom length	m	96 ~ 147
		Wind power working condition boom length	m	96 ~ 168
Wind power working condition boom length	m	126 ~ 165		
Light power jib length		m	12	
Speed configuration	Max. single line speed for hook	m/min	130	
	Max. single line speed for boom luffing	m/min	2×56	
	Max. single line speed for hook	m/min	130	
	Max. slewing speed	rpm	0.7	
	Max. travel speed	km/h	1.0	
Electrical	Rated power	kw	420	
	Emission standard	-	EURO III	
Overall crane weight (on 34m heavy duty boom, 700t)		t	496	
Average ground pressure		MPa	0.146	
Stability		-	10%	
Max. single unit transport weight		t	71	
Max. single unit transport size (L×W×H)		m	12×3.3×3.4	

Load charts of typical working conditions

XGC11000_HB standard working condition heavy duty boom

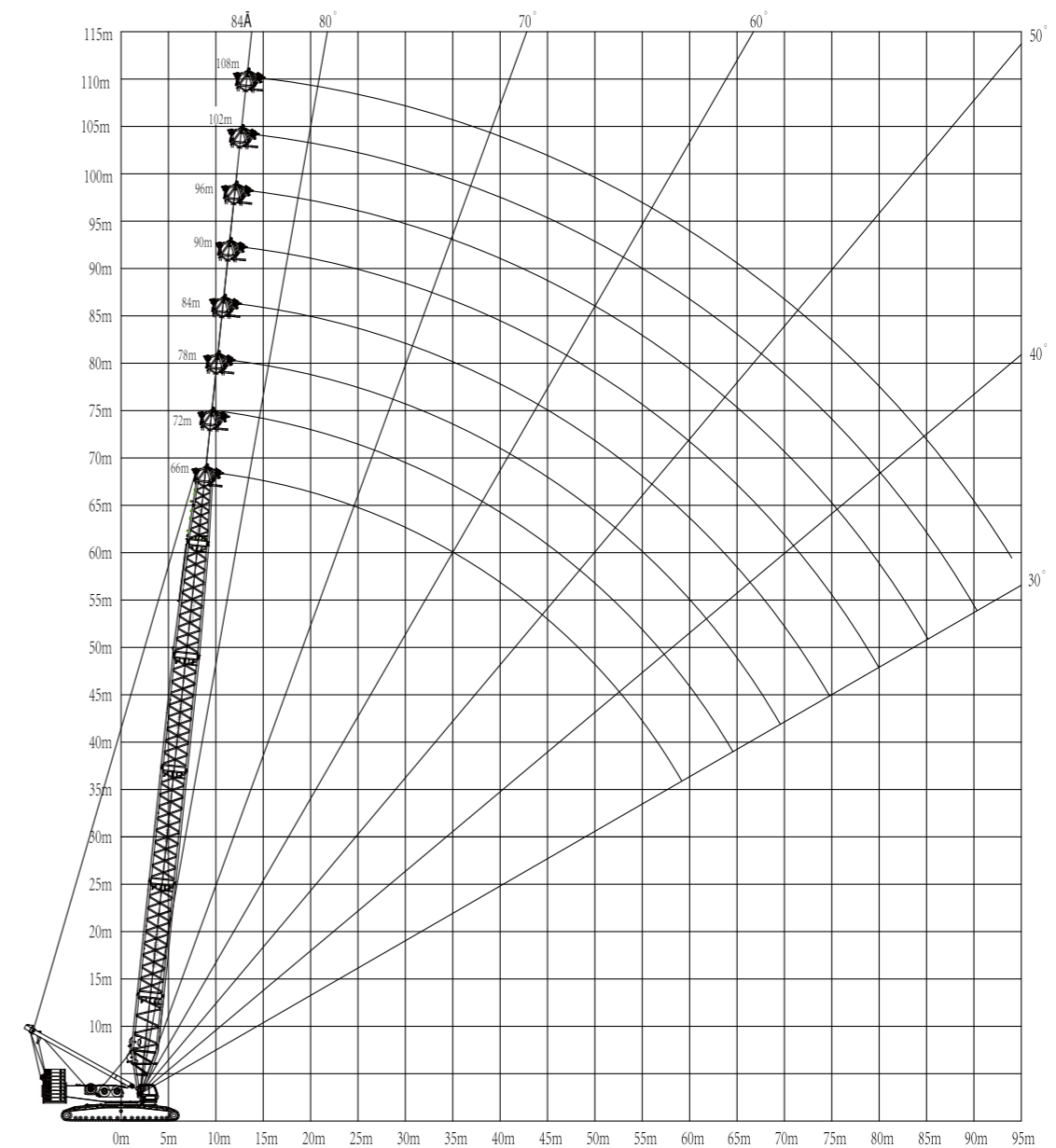


XGC11000_HB standard working condition heavy duty boom working range

XGC11000_HB standard working condition heavy duty boom performance table

XGC11000_HB standard working condition heavy duty boom performance table														
200t turntable counterweight +65t car-body counterweight														
Lifted load (t)	Boom length (m)													
	650	601	528	470	455	425	422	343	328	328	219	211	203	197
110	650	601	528	470	455	425	422	343	328	328	219	211	203	197
105	601	528	470	455	425	422	343	328	328	219	211	203	197	189
100	528	470	455	425	422	343	328	328	219	211	203	197	189	189
95	470	455	425	422	343	328	328	219	211	203	197	189	189	189
90	455	425	422	343	328	328	219	211	203	197	189	189	189	189
85	425	422	343	328	328	219	211	203	197	189	189	189	189	189
80	422	343	328	328	219	211	203	197	189	189	189	189	189	189
75	343	328	328	219	211	203	197	189	189	189	189	189	189	189
70	328	328	219	211	203	197	189	189	189	189	189	189	189	189
65	328	219	211	203	197	189	189	189	189	189	189	189	189	189
60	219	211	203	197	189	189	189	189	189	189	189	189	189	189
55	211	203	197	189	189	189	189	189	189	189	189	189	189	189
50	203	197	189	189	189	189	189	189	189	189	189	189	189	189
45	197	189	189	189	189	189	189	189	189	189	189	189	189	189
40	189	189	189	189	189	189	189	189	189	189	189	189	189	189
35	189	189	189	189	189	189	189	189	189	189	189	189	189	189
30	189	189	189	189	189	189	189	189	189	189	189	189	189	189
25	189	189	189	189	189	189	189	189	189	189	189	189	189	189
20	189	189	189	189	189	189	189	189	189	189	189	189	189	189
15	189	189	189	189	189	189	189	189	189	189	189	189	189	189
10	189	189	189	189	189	189	189	189	189	189	189	189	189	189

XGC11000_LB standard working condition light duty boom

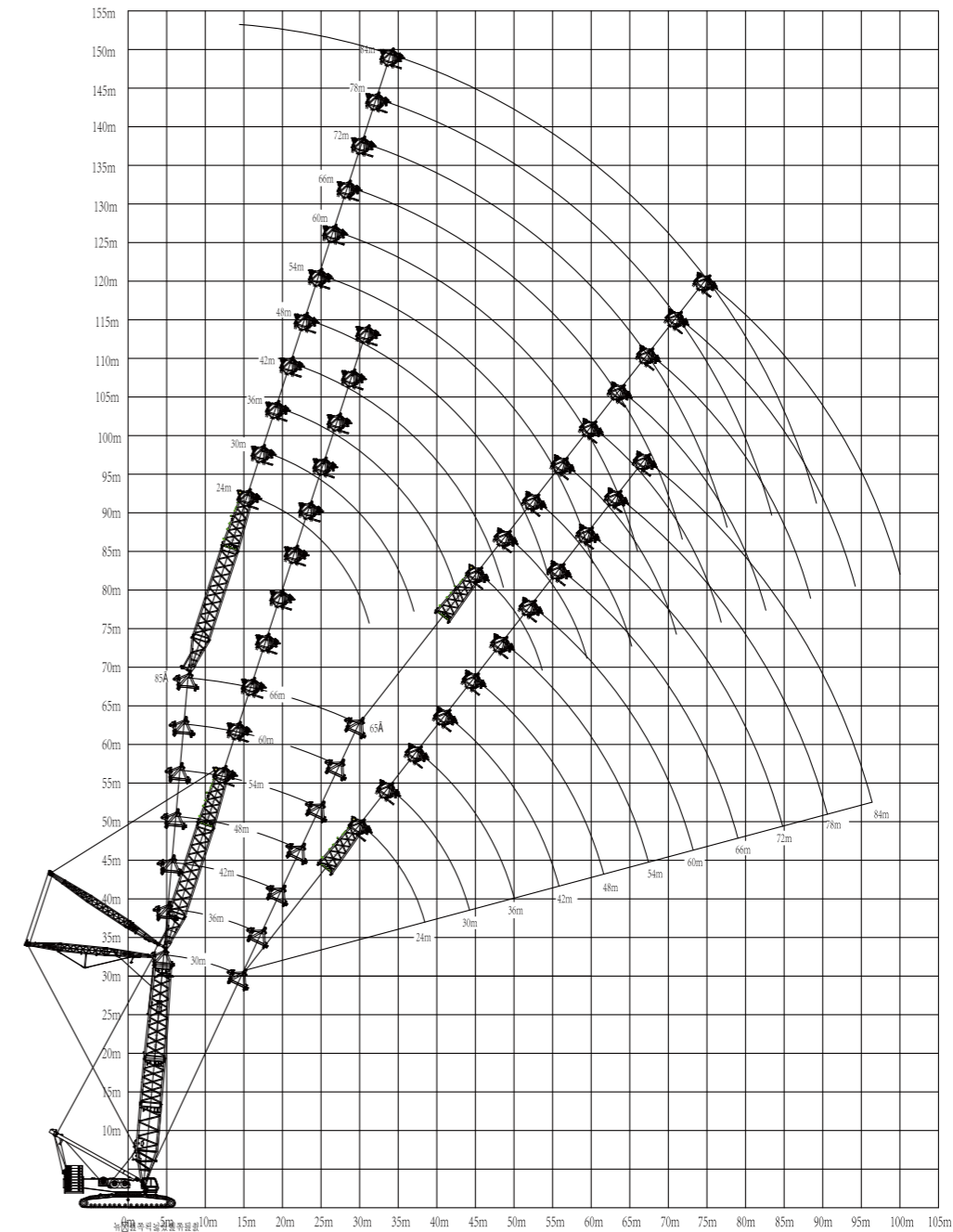


XGC11000_LB standard working condition light duty boom working range

XGC11000_LB standard working condition light duty boom performance table

XGC11000_WJ standard working condition tower jib

XGC11000_LB standard working condition light duty boom performance table								
100t turntable counterweight +65t car-body counterweight								
Boom length (m)	Boom length (m)							
	330	316	272	228	184	150	128	105
330	316	272	228	184	150	128	105	
272	228	184	150	128	105	85	70	58
228	184	150	128	105	85	70	58	49
184	150	128	105	85	70	58	49	41
150	128	105	85	70	58	49	41	35
128	105	85	70	58	49	41	35	31
105	85	70	58	49	41	35	31	27
85	70	58	49	41	35	31	27	22
70	58	49	41	35	31	27	22	19
58	49	41	35	31	27	22	19	16
49	41	35	31	27	22	19	16	15
41	35	31	27	22	19	16	15	14
35	31	27	22	19	16	15	14	14
31	27	22	19	16	15	14	14	13
27	22	19	16	15	14	14	13	13
22	19	16	15	14	14	13	13	12
19	16	15	14	14	13	13	12	12
16	15	14	14	13	13	12	12	11
15	14	14	13	13	12	12	11	11
14	14	13	13	12	12	11	11	10
14	13	13	12	12	11	11	10	10
13	13	12	12	11	11	10	10	9
13	12	12	11	11	10	10	9	9
12	12	11	11	10	10	9	9	8
12	11	11	10	10	9	9	8	8
11	11	10	10	9	9	8	8	7
11	10	10	9	9	8	8	7	7
10	10	9	9	8	8	7	7	7
10	9	9	8	8	7	7	6	6
9	9	8	8	7	7	6	6	5
9	8	8	7	7	6	6	5	5
8	8	7	7	6	6	5	5	4
8	7	7	6	6	5	5	4	4
7	7	6	6	5	5	4	4	4
7	6	6	5	5	4	4	4	4
6	6	5	5	4	4	4	4	4
6	5	5	4	4	4	4	4	4
5	5	4	4	4	4	4	4	4
5	4	4	4	4	4	4	4	4
4	4	4	4	4	4	4	4	4
4	4	4	4	4	4	4	4	4



XGC11000_WJ standard working condition tower jib working range

XGC11000_LB standard working condition light duty boom performance table

XGC11000_LB standard working condition light duty boom performance table

XGC11000_WJ standard working condition tower jib performance table																			
Boom height	Main boom 30m (200t turntable counterweight + 65t Car-body counterweight)																		
tower jib height	) +	*'	* -	)'	+/'	, +	Main boom angle												
jib height	Main boom angle																		
	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	
(+)	230																		
(-)	217		212																
(/)	188		184		181														
)'	165		162		159		157												
)	147		144		142		140		137										
) +	131	122	130		128		126		124		122								
) -	117	110	117	109	116		114		112		111								
) /	106	99	106	99	105	89	104		102		101								
*'		91	96	90	96	75	95		94		93								
* +			71	81	76	81	64	80	74	79	73	79							
* /			61		65	60	69	56	51	69	64	68	62	67	62				
)					52		45	60	55	59	54	58	53						
+ -						39		48	44	52	47	43	51	47					
, '							43	39	46	42	38	45	41						
, +								34		37	33	40	36	37					
, /										30		32	32						
-)													29	29					
--																		26	
																		23	

XGC11000_WJ standard working condition tower jib performance table																			
Boom height	Main boom 30m (200t turntable counterweight + 65t Car-body counterweight)																		
tower jib height	-'	--	.)	. /	/ +	Main boom angle													
jib height	Main boom angle																		
	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	/, //, -//	
) -	109																		
) /	99		98																
*'	91		90		88														
* +	78		77		75		74		66										
* /	66		66		65		64		63										
)	58	52	57		56		55		54										
+ -	50	45	50	45	49	43	48		47										
, '	44	40	44	39	43	38	42	37	41										
, +	39	35	31	39	35	38	33	37	33	36	32								
, /	35	31	28	35	31	27	34	29	33	29	32	28							
-)	31	28	24	31	27	24	30	26	22	29	25	28	24						
--		25	22	28	24	21	27	23	20	26	22	19	25	21					
. '			19		22	19	24	20	17	23	20	17	22	19	15				
. +				19	16	21	18	15	21	18	14	20	16	13					
. /					14		16	13	18	15	13	17	14	11					
/)								11		13	11	15	12	10					
/ -											9	13	11	8					
σ											8		9	7					
σ+														5					

XGC11000_LB standard working condition light duty boom performance table

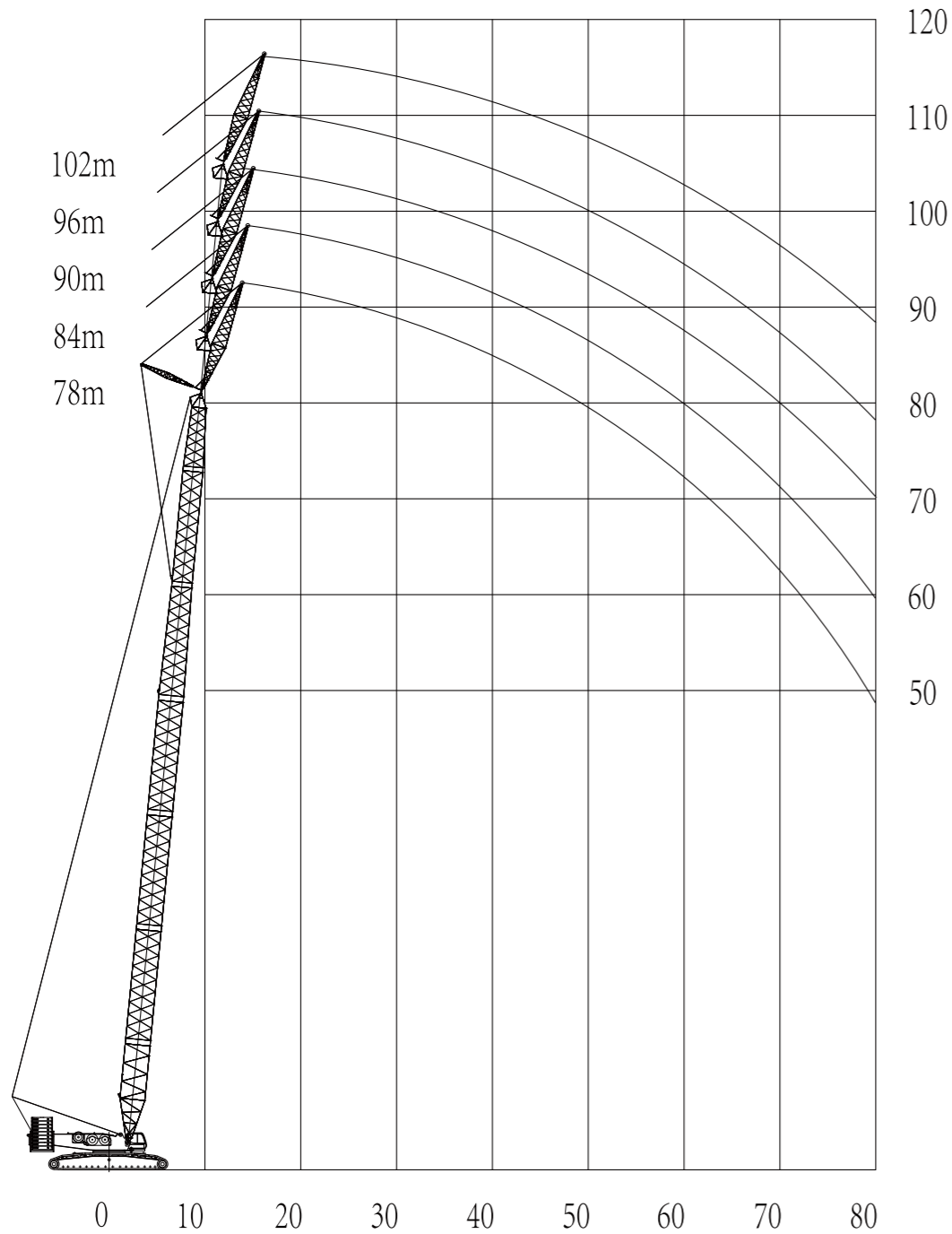
XGC11000_WJ standard working condition tower jib performance table														
Boom d	Main boom 66m (200t turntable counterweight+65tCar-body counterweight)													
tower jib d	) +	* +	* -	+)	+ /!	, +	Main boom angle							
I X[] j d	/, -	., -	., -	/, -	., -	., -	/, -	., -	., -	/, -	., -	., -	/, -	., -
(/	(, -													
)'	(+((*.										
))	()0			(),			(()							
)+	((/			((+			((()			('.				
)-	('0			('-			(')			∞		∞		/0
)/	('(-,			∞			∞,			∞)			/0	/-
* +	∞+	, -		∞(, +		//			/-		/*		/'
* +		+ /		.0	+		..			..		..		..'
* /				+(- /	, *		..		- +		-)
+							, /	+ -		, /	+	..	*/	..
+ -							+'	, (	*0	, '	**	+0		
, '			)/			)	*		*+	++	)0	++	*)
, +					)*	*	(	))	*	*0	)-	*0) /	
, /					)'		(0)	.)	(/)	(+	*+)
-)						(.			(-)'	())
--									(+		('		(0	((
.'									(		0		(.	0
. +														/
. /														-
/)														,

XGC11000_LB standard working condition light duty boom performance table

XGC11000_WJ standard working condition tower jib performance table														
Boom d	Main boom 30m (200t turntable counterweight + 65t Car-body counterweight)													
tower jib d	-'	--	.)	. /	/+	Main boom angle								
I X[] j d	/, -	., -	., -	/, -	., -	/, -	., -	., -	/, -	., -	., -	/, -	., -	., -
) /	78													
* +	76			69										
* +	68			63		57			52					
* /	60			58		53			48			43		
+))	53			52		48			44			40		
+ -	47			46		43			40			36		
, '	42	30		41		38			36			33		
, +	37	27		36	26	34			32			30		
, /	32	23		32	22	30	21		28	20		26		
-)	28	20		27	20	26	18		25	17		23	15	
--	24	18		24	17	23	16		22	15		20	13	
.'		16	8	20	15	20	14		19	13		18	11	
. +		14	6		13	5	17	12	16	11		15	10	
. /			5		11	4		10	3	14	9	13	8	
/)			4		10	3		8	1	12	8	1	11	6
/-			2			2		7			6		9	5
σ						1					5			4

+ XGC11000_HJ-S3 SL standard working condition wind power jib

XGC11000_HJ-S3 SL standard working condition wind power jib performance table



XGC11000_HJ-S3 SL standard working condition wind power jib working range

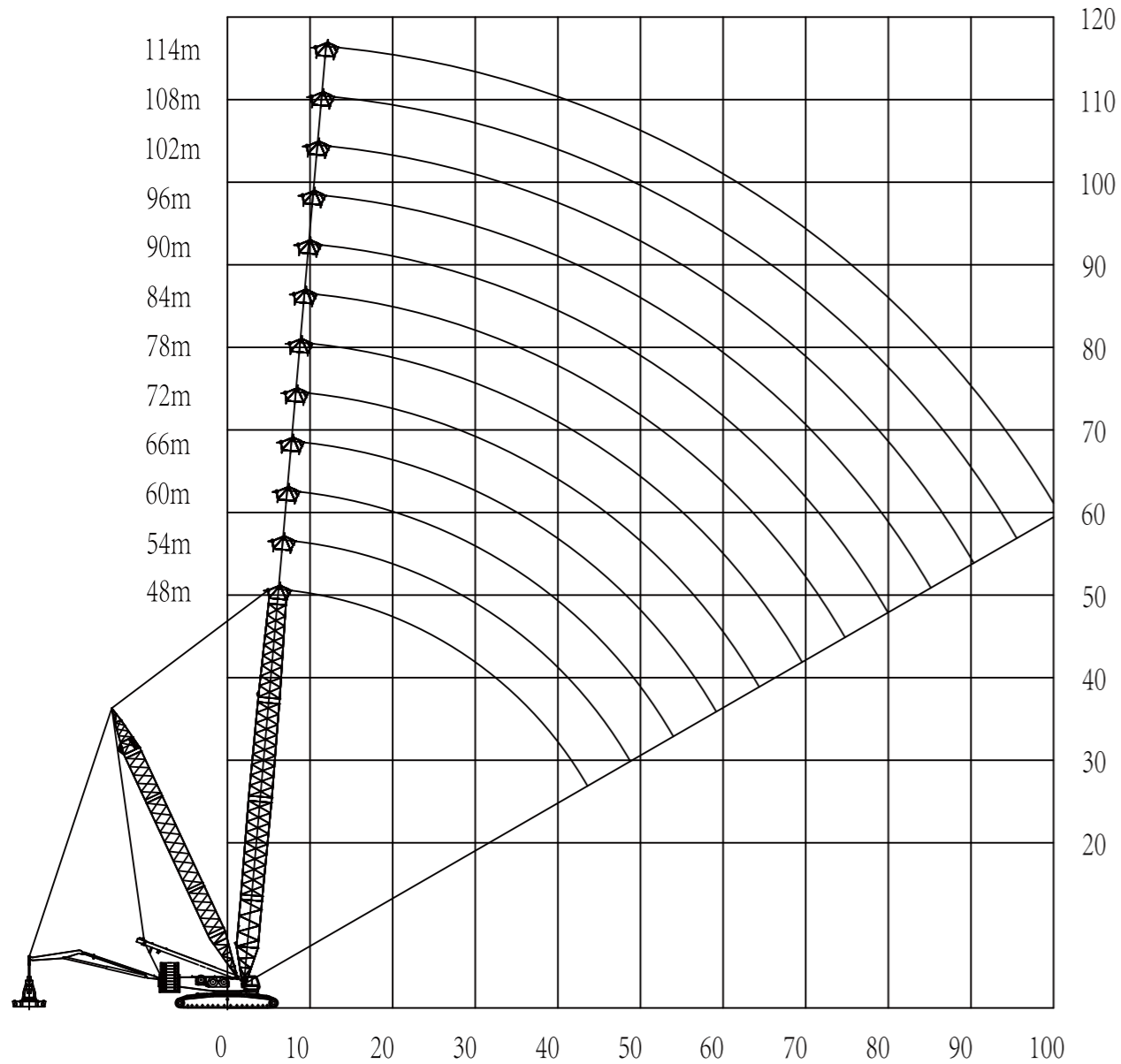
**XGC11000_HJ-S3 SL standard working condition wind power jib performance table
(Angle between main boom and jib 15°, Jib 12m)**

210t turntable counterweight+65t car-body counterweight

Jib length (m)	Boom length (m)								
	78	84	90	96	102	108	114	120	126
12	100	100	100	100	100	100	100	100	100
15	95	95	95	95	95	95	95	95	95
18	90	90	90	90	90	90	90	90	90
21	85	85	85	85	85	85	85	85	85
24	80	80	80	80	80	80	80	80	80
27	75	75	75	75	75	75	75	75	75
30	70	70	70	70	70	70	70	70	70
33	65	65	65	65	65	65	65	65	65
36	60	60	60	60	60	60	60	60	60
39	55	55	55	55	55	55	55	55	55
42	50	50	50	50	50	50	50	50	50

XGC11000_SHB-S7 SL working condition heavy duty boom [strengthened]

XGC11000_SHB-S7 SL working condition heavy duty boom [strengthened] performance table

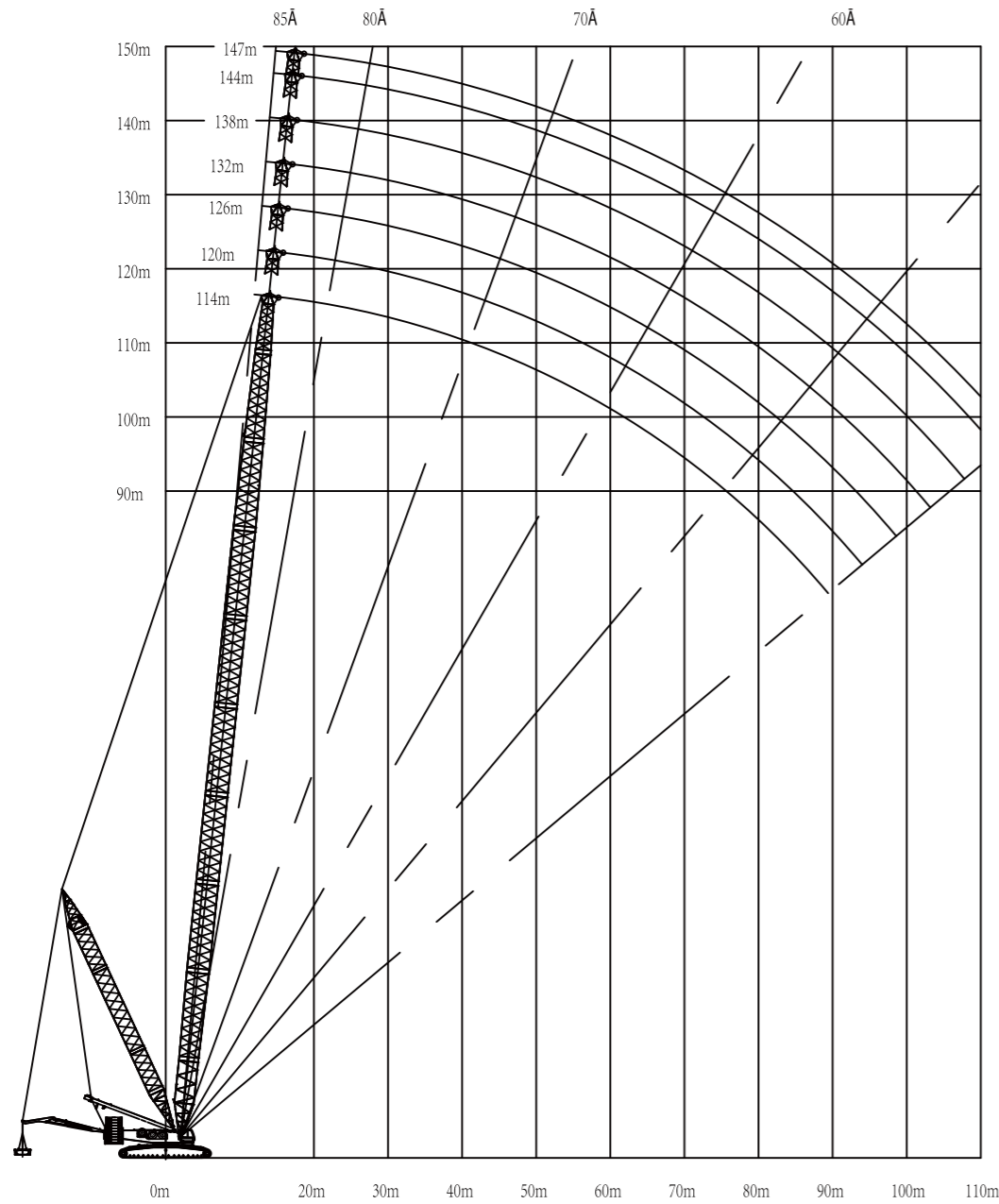


XGC11000_SHB-S7 SL working condition heavy duty boom [strengthened] working range

XGC11000_SHB-S7 SL working condition heavy duty boom [strengthened] performance table												
Turntable counterweight 200t Car-body counterweight 65t SL counterweight 340t SL radius 24m												
Radius (m)	Boom length (m)											
	+ /	, +	- '	--	.)	. /	/ +	σ	σ-	(')	(' /	((+
0	650	650										
('	650	650	622	562								
((	650	650	622	562	510	455						
()	650	650	622	562	510	455	415					
(*	650	648	622	562	510	455	415	374	339			
(+	645	640	620	562	510	455	415	374	339	307	274	
(,	638	625	610	560	510	455	415	374	339	307	274	243
(-	625	610	595	555	508	453	415	374	339	307	274	243
(/	600	580	570	545	503	451	414	374	339	307	274	243
)'	526	525	523	521	490	448	413	373	338	307	274	243
))	477	476	474	472	471	440	410	372	337	306	273	243
)+	436	435	433	431	430	429	405	370	335	305	272	242
)-	401	400	398	397	395	394	392	368	333	303	270	241
) /	371	370	368	367	365	364	362	360	325	300	268	240
**	345	344	342	340	339	338	336	334	310	296	266	238
*+	302	300	299	297	296	294	293	291	289	280	258	230
* /	264	264	263	262	262	260	258	257	255	253	245	225
+)	234	234	233	232	232	231	230	228	227	225	223	215
+ -		209	209	208	207	206	205	203	202	201	199	198
, '			188	187	186	185	184	183	182	180	179	177
, +			170	170	169	168	167	165	164	162	161	159
, /				155	154	153	152	150	149	147	146	144
-)					141	140	139	137	136	134	133	131
--						128	127	126	125	123	121	120
. '							118	117	116	114	113	109
. +								108	107	105	104	100
. /									98.9	97.8	96.1	94.8
/)										90.5	88.8	87.5
/ -											82.2	80.9
σ											76.2	74.8
σ+												69.3
σ /												62.4

XGC11000_SLB-S7 SL working condition light duty boom [strengthened]

XGC11000_SLB-S7 SL working condition light duty boom [strengthened] performance table



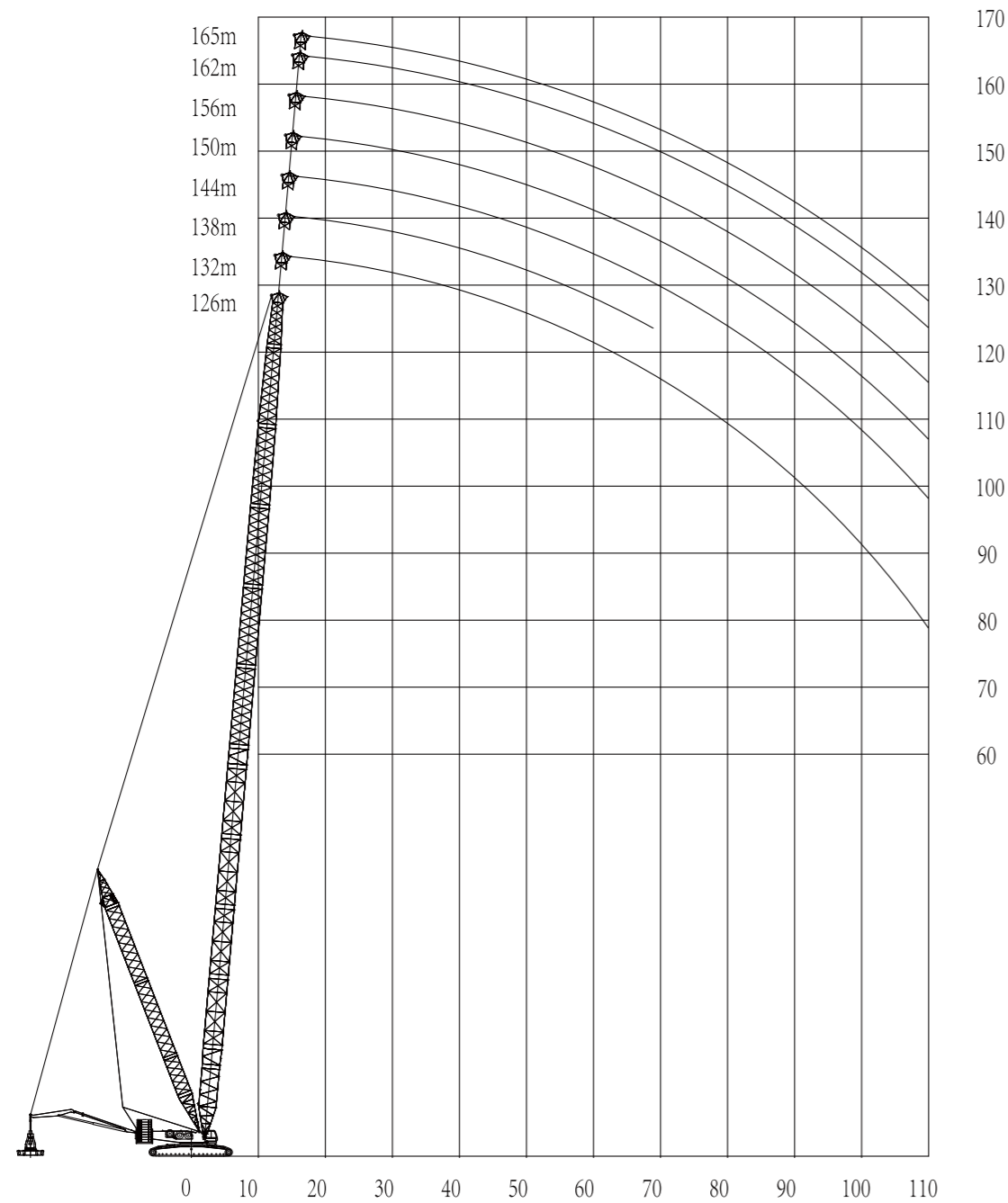
XGC11000_SLB-S7 SL light duty boom [strengthened] working condition range

XGC11000_SLB-S7 SL working condition light duty boom [strengthened] performance table

KI rntable counterw\^_t 200t Car-Yf[y counterweig_t 65t SL mast 36m SL radius 16~24m SL counterw\^_k 0~250t

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

XGC11000_SLB-TS4 SL working condition light duty boom [Transformed]



XGC11000_SLB-TS4 SL working condition light duty boom [transformed] working range (Unit: m)

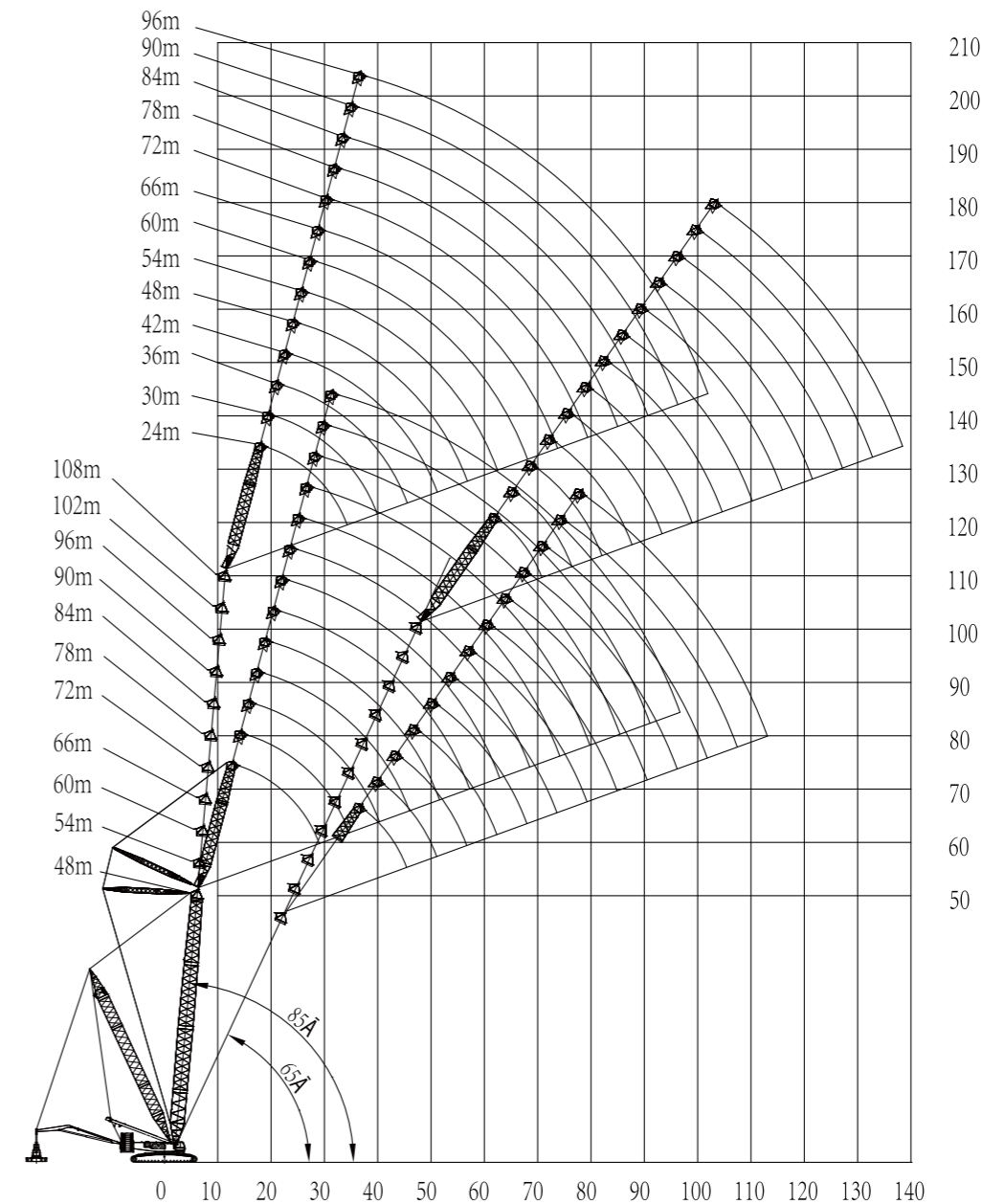
XGC11000_SLB-TS4 SL working condition light duty boom [transformed] performance table

XGC11000_SLB-TS4 SL working condition heavy duty boom [strengthened] performance table								
Turntable counterweight 180t Car-body counterweight 45t SL counterweight 0~380t SL radius 42m SL radius 16~24m								
Radius (m)	Boom length (m)							
	126	129	132	135	138	141	144	147
(-	254	238	224					
(.	254	238	224	213	210	198		
(/	254	238	224	213	210	198	183	175
(O	254	238	224	213	210	198	183	175
)'	254	238	224	213	210	198	183	175
)	254	238	224	213	210	198	183	175
)+	254	238	224	213	210	198	183	175
)-	253	237	223	213	210	198	183	175
) /	252	236	222	211	206	195	182	175
*'	250	234	220	208	202	192	177	170
*+	247	229	217	203	196	186	174	167
* /	241	224	212	199	190	181	170	163
+	232	215	203	193	184	172	165	159
+-	209	206	196	185	176	165	159	153
,'	188	187	186	177	168	158	152	147
,+	171	169	169	167	161	150	145	141
, /	155	154	153	152	152	145	140	135
-)	142	141	140	139	139	137	134	130
--	130	129	128	127	127	125	125	124
.'	119	118	117	116	116	115	114	114
.'+	109	108	107	106	106	105	104	105
.' /	101	99.9	99.3	98.1	97.9	96.7	96.1	96.3
/)	93.2	92.1	91.5	90.3	90.1	88.9	88.3	88.5
/-	86.1	85	84.4	83.2	83.1	81.8	81.2	81.4
σ	79.7	78.6	78	76.8	76.6	75.4	74.8	75
σ+	73.8	72.7	72.1	70.9	70.7	69.5	68.9	69.1
σ /	68.4	67.2	66.7	65.5	65.3	64.1	63.5	63.7
(')	63.4	62.3	61.7	60.5	60.4	59.2	58.5	58.8
(' -	58.7	57.6	57	55.9	55.8	54.5	53.9	54.1
(('	54.4	53.3	52.7	51.6	51.5	50.3	49.7	49.9

XGC11000_SLB-TS4 SL working condition light duty boom [transformed] performance table

XGC11000_SLB-TS4 SL working condition light duty boom [transformed] performance table								
Turntable counterweight 180t Car-body counterweight 45t SL counterweight 0~380t SL radius 42m SL radius 16~24m								
Radius (m)	Boom length (m)							
	150	153	156	159	162	165		
(/	169	161						
(O	169	161	155	146	139			
)'	169	161	155	146	139	131		
)	169	161	155	146	138	131		
)+	169	161	155	146	138	131		
)-	169	160	153	145	137	130		
/	167	158	152	143	135	128		
*'	164	156	150	141	133	126		
*+	160	152	146	138	130	123		
*/	155	147	142	134	126	120		
+	151	143	138	130	123	116		
+-	146	138	133	126	119	113		
,	141	133	129	122	115	110		
,+	137	130	124	118	111	105		
,/	130	126	120	114	107	102		
-)	125	118	115	110	104	98.8		
--	120	114	110	106	100	95.4		
.	113	109	107	102	96.9	92		
.+	104	102.8	102.2	98.6	93.5	88.8		
./	95.4	94.2	93.5	92.3	89.1	85		
/)	87.6	86.4	85.7	84.5	83.6	82.5		
/-	80.5	79.3	78.6	77.4	76.9	76.3		
σ	74.1	72.9	72.2	71	70.5	69.9		
σ+	68.2	67	66.3	65.1	64.5	64		
σ/	62.8	61.6	60.9	59.7	59.2	58.6		
(')	57.8	56.6	55.9	54.7	54.2	53.6		
(' -	53.2	52	51.3	50.1	49.6	49		
(('	48.9	47.7	47.1	45.9	45	44.8		

XGC11000_SWJ-S6 SL working condition tower jib [strengthened]



XGC11000_SWJ-S6 SL working condition tower jib [strengthened] working range (Unit: m)

XGC11000_SWJ-S6 SL working condition tower jib [strengthened] performance table

XGC11000_SWJ-S6 SL working condition tower jib [strengthened] performance table													
Main boom 48m Main boom angle 85° SL mast 36m SL radius 16~24m SL counterweight 0~300t Turntable counterweight 180t Car-body counterweight 45t													
Radius (m)	Jib length (m)												
	24	30	36	42	48	54	60	66	72	78	84	90	96
(+	360												
(-	360	323											
(/	360	321	268										
)'	360	318	266	227									
)	325	302	263	226	193	166							
)+	288	280	252	224	192	165	142						
)-	258	259	237	213	189	165	142	123					
) /	212	236	222	202	181	161	141	122	107	92.9			
*,		216	206	191	173	155	137	121	106	92.4	79.7		
*+		174	178	168	156	143	129	115	102	90	78.5	68.6	60.2
*/			152	147	140	130	119	108	96.9	86.3	76.3	66.9	59.2
+)'				128	124	117	109	100	91.4	82.2	73.3	65.2	57.6
+ -				111	109	105	99.9	93.1	85.5	77.8	69.9	62.7	55.6
, '					96.4	94.3	90.5	85.5	79.5	73.2	66.4	59.9	53.5
, +						84	81.6	78.1	73.6	68.5	62.7	57.1	51.3
, /							73.4	71.1	67.8	63.7	58.9	54.1	48.9
-)							66	64.6	62.2	59.1	55.2	51.1	46.5
--								58.5	56.9	54.6	51.5	48.1	44.1
. '									51.9	50.3	47.8	45.1	41.7
. +									47.3	46.3	44.4	42.1	39.2
. /										42.5	41	39.3	36.9
/)											37.9	36.6	34.5
/ -												33.9	32.3
σ												31.5	30.1
σ+													28

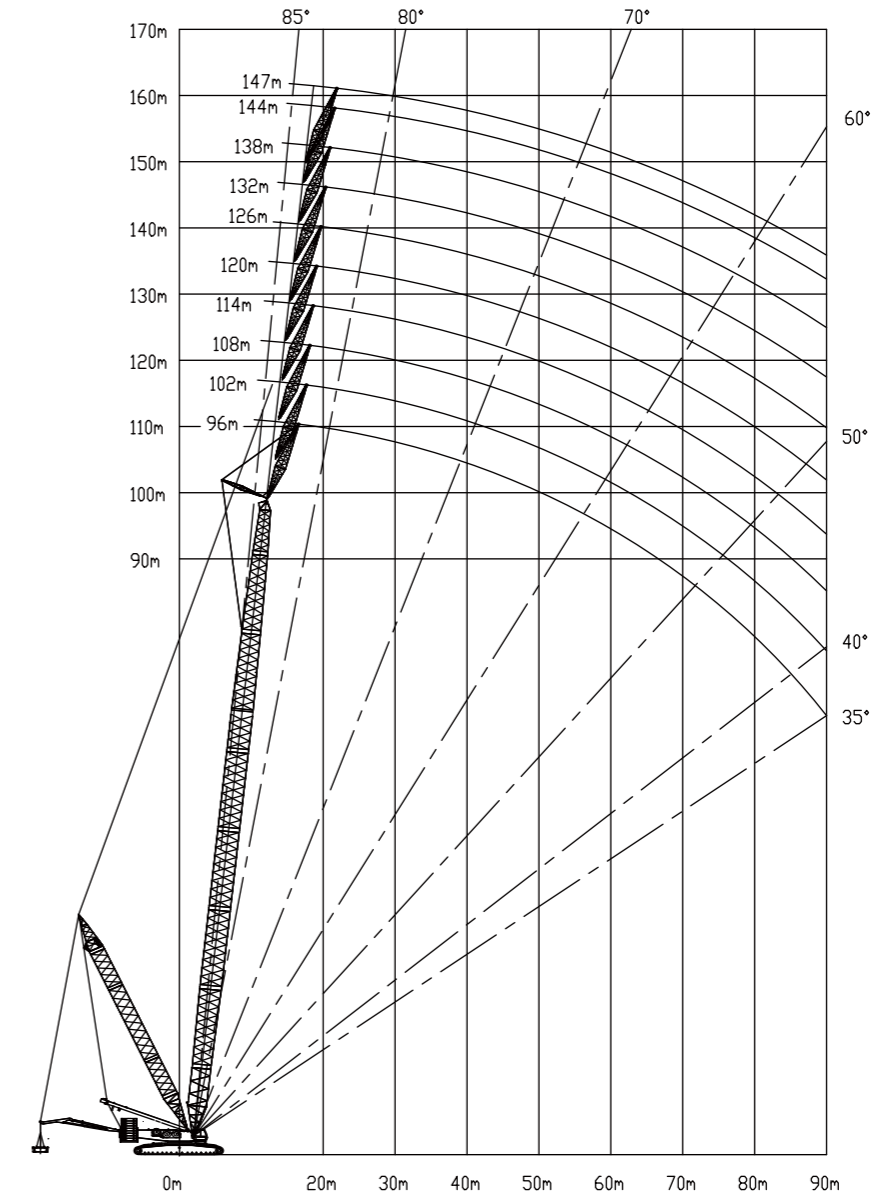
XGC11000_SWJ-S6 SL working condition tower jib [strengthened] performance table

XGC11000_SWJ-S6 SL working condition tower jib [strengthened] performance table																	
Main boom 78m Main boom angle 85° SL mast 36m SL radius 16~24m SL counterweight 0~300t Turntable counterweight 180t Car-body counterweight 45t																	
Radius (m)	Jib length (m)																
	24	30	36	42	48	54	60	66	72	78	84	90	96				
(/	266																
)'	250	225	201														
)	232	212	192	172													
)+	214	198	182	165	148												
)-	197	184	171	157	142	128	114										
) /	180	170	160	148	136	123	111	99.1									
*,	165	157	149	139	129	118	107	96.5	86.2								
*+		133	128	122	115	107	99.2	90.4	81.7	73.5	65.5	58.4					
*/			109	106	101	96.6	90.3	83.6	76.5	69.6	62.6	56.2	50				
+)'				93.5	91.8	89.1	85.7	81.3	76.3	70.8	65.1	59.2	53.6	48			
+ -					79.1	77.6	75.6	72.7	69.1	64.8	60.4	55.4	50.6	45.7			
, '						67.5	66.5	64.6	62.1	59	55.6	51.5	47.5	43.2			
, +						58.8	58.3	57.2	55.6	53.3	50.7	47.5	44.2	40.6			
, /							51.2	50.6	49.6	48	46.1	43.6	41	37.8			
-)								44.7	44.1	43	41.7	39.8	37.7	35.1			
--									39.2	38.5	37.7	36.2	34.6	32.4			
. '										34.8	34.4	33.9	32.8	31.5	29.8		
. +											30.7	30.4	29.6	28.7	27.3		
. /												27.3	26.7	26.1	24.9		
/)													24.5	24	23.6	22.7	
/ -														21.6	21.3	20.6	
σ															19.2	18.6	
σ+																17.3	16.8
σ'																	15.1

XGC11000_SWJ-S6 SL working condition tower jib [strengthened] performance table

XGC11000_SWJ-S6 SL working condition tower jib [strengthened] performance table													
Main boom 108m Main boom angle 85° SL mast 36m SL radius 16~24m SL counterweight 0~300t Turntable counterweight 180t Car-body counterweight 45t													
Radius (m)	Jib length (m)												
	24	30	36	42	48	54	60	66	72	78	84	90	96
)'	168												
)	160	146											
)+	151	140	128	117									
)-	142	132	122	113	103								
) /	133	124	116	108	99.3	90.9							
*'	124	117	110	102	95.2	87.7	80	72.5					
*+	108	102	97.1	92	86.3	80.5	74.3	68.2	62	56.3			
* /		89	85	81.4	77.2	72.9	68.1	63.2	58.1	53.2	48.1	43.5	38.8
+))			74.2	71.5	68.5	65.4	61.7	57.9	53.7	49.7	45.4	41.3	37.1
+)				62.7	60.5	58.3	55.5	52.5	49.2	46	42.3	38.9	35.1
,'				55	53.3	51.7	49.6	47.4	44.7	42.2	39.1	36.2	33
,+					46.9	45.8	44.2	42.5	40.4	38.4	35.9	33.5	30.7
, /						40.5	39.3	38	36.4	34.8	32.7	30.8	28.4
-)						35.9	34.9	33.9	32.6	31.4	29.7	28.1	26.1
--							31	30.2	29.2	28.3	26.9	25.6	23.9
.'								26.9	26.1	25.4	24.2	23.2	21.7
.+								24	23.3	22.7	21.8	20.9	19.7
. /									20.8	20.3	19.5	18.8	17.7
/)										18.2	17.5	16.9	15.9
/-											15.6	15.1	14.3
σ											13.9	13.5	12.8
σ+												12	11.4
σ'													10.1

XGC11000_SHJ-S7 SL working condition wind power jib



XGC11000_SHJ-S9 SL working condition wind power jib [strengthened] working range

XGC11000_SHJ-S7 SL working condition wind power jib performance table

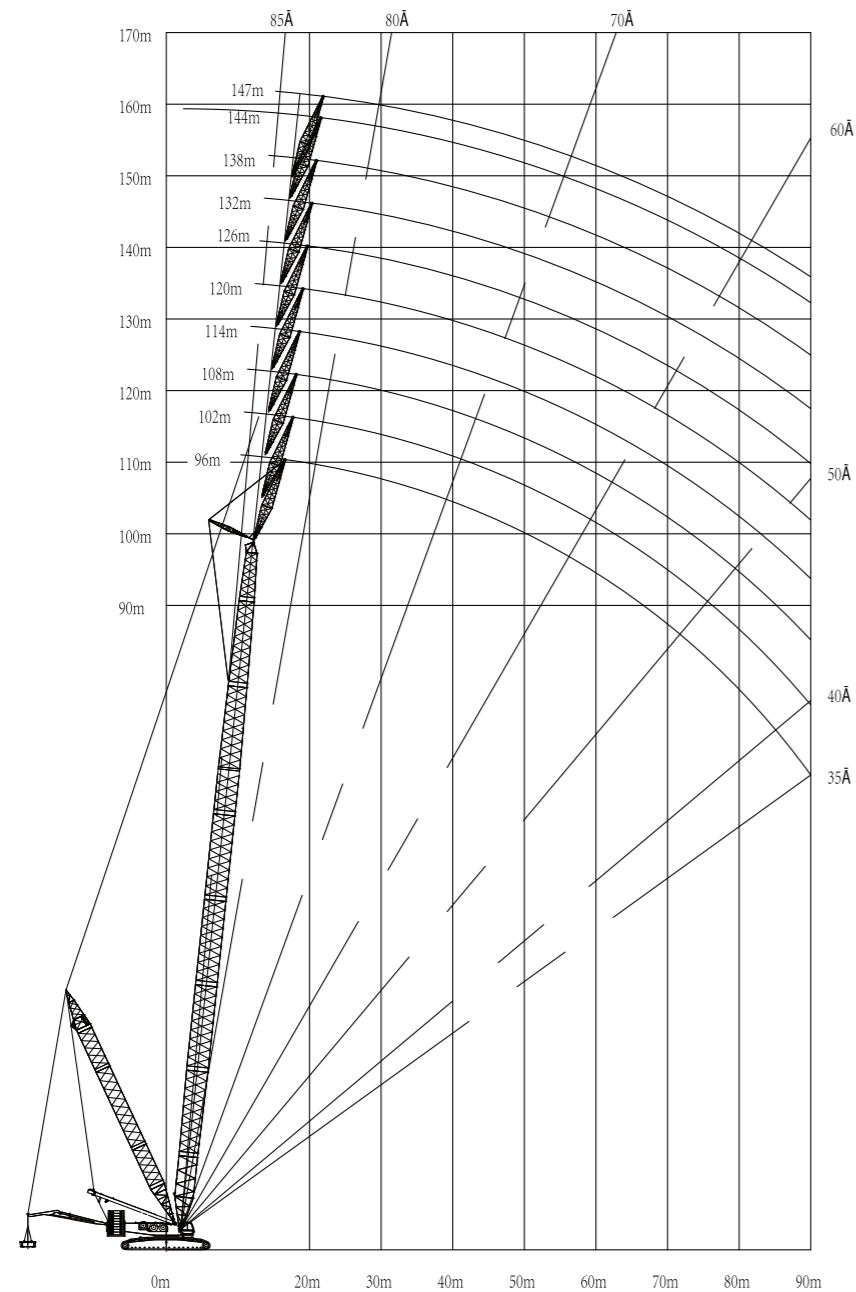
XGC11000_SHJ-S7 SL working condition wind power jib performance table																		
Turntable counterweight: 180 t Car-body counterweight : 45t SL mast 36m SL counterweight Radius 16~24m S L counterweight 0~250t Jib 12m Angle between main boom and jib 15°																		
l X['l j d	Boom length (m)																	
	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147
(-	170	170																
(.	170	170	170	170	169													
(/	167	167	167	166	166	165	162	162	157	151								
(O	164	164	164	163	163	163	162	162	157	151	144	139	133	127				
)'	163	163	163	162	162	162	162	162	157	151	144	139	133	127	119	116	110	105
)(	156	157	159	160	162	162	162	160	157	151	144	139	133	127	119	116	110	105
)	153	154	155	157	158	159	162	160	157	151	144	139	133	127	119	116	110	105
)+	146	148	149	151	152	153	156	156	157	151	144	139	133	127	119	116	110	105
)-	141	142	143	145	146	147	151	151	151	150	144	139	132	126	118	115	109	104
) /	135	136	138	139	141	142	145	146	147	147	144	139	132	126	118	115	109	104
*'	130	131	133	134	136	137	140	141	142	142	143	138	131	126	117	115	109	104
*+	121	122	124	125	127	128	131	131	133	134	135	136	130	124	116	113	108	103
* /	113	114	116	117	119	120	122	123	125	126	127	128	126	120	114	111	107	101
+))	106	108	109	111	112	114	115	116	118	119	120	121	122	117	111	109	105	98.8
+ -	101	102	103	105	106	108	109	110	112	113	114	115	116	115	109	107	103	96.6
, '	96	97	98.5	99.6	100	102	103	104	106	107	108	109	110	111	108	105	101	94.6
, +	91	92	93.5	95	96	97.5	99	100	101	102	103	105	106	107	106	103	99	92.5
, /	87	88	89.5	90.6	92	93.1	94.6	95.6	96.6	98	99	100	101	102	103	100	96.2	90.5
-)	83	84.1	85.6	86.6	88.1	89.1	90.6	91.7	92.8	94	95.1	96.1	97.5	97.1	97.4	95.8	92.6	87.6
--	80	80.5	82	83	84.5	85.5	87	88	89	90	90.7	89.6	88.8	87.7	88	86.5	85.6	84.6
. '	77	77.5	79	79	81.1	81.9	83.6	84.6	84.4	82.5	82.3	81.2	80.4	79.4	79.7	78.1	77.3	76.2
. +	74	75	75.9	76.5	75.7	74.7	78.8	77.8	77	75.1	74.9	73.8	73	72	72.3	70.7	69.9	68.8
. /	71	71.5	71.1	70.1	69.3	68.2	72.2	71.2	70.4	68.5	68.3	67.2	66.4	65.3	65.7	64.1	63.3	62.2
/)	66	65.7	65.3	64.3	63.5	62.4	66.3	65.2	64.5	62.6	62.4	61.3	60.5	59.4	59.7	58.1	57.3	56.3
/ -	60.8	60.4	60	59	58.3	57.2	60.9	59.9	59.1	57.2	57	55.9	55.1	54	54.4	52.8	52	50.9
σ	56	55.7	55.3	54.3	53.5	52.4	56.1	55	54.2	52.4	52.2	51.1	50.2	49.2	49.5	47.9	47.1	46

XGC11000_SHJ-S7 SL working condition wind power jib performance table

XGC11000_SHJ-S7 SL working condition wind power jib performance table																		
Turntable counterweight 200t Car-body counterweight 65t SL mast 36m SL counterweight 0t Jib 12m Angle between main boom and jib 15°																		
l X['l j d	Boom length (m)																	
	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147
(-	170	170																
(.	170	169	167	164	161													
(/	161	160	157	154	152	149	146	143	141	137								
(O	152	151	148	146	143	141	138	135	133	130	128	125	123	121				
)'	144	142	140	138	136	133	131	128	126	122	121	118	116	114	113	110	108	105
)(	136	135	133	130	128	126	123	120	117	114	113	112	110	108	107	104	102	99.8
)	129	128	126	124	122	119	117	115	113	110	108	106	104	102	101	98	96	94.3
)+	116	115	114	112	110	108	106	104	102.3	99.3	98.1	95.9	94.1	92	91.4	88.6	86.8	84.8
)-	106	105	103	101	99.9	97.8	96.5	94.4	92.7	89.8	88.7	86.6	84.9	82.9	82.4	79.7	78	76.1
) /	96.6	95.8	94.5	92.5	90.8	88.8	87.8	85.9	84.2	81.4	80.4	78.4	76.8	74.9	74.5	71.9	70.3	68.4
*'	87.3	87.2	86.3	84.4	82.8	81	80.2	78.3	76.7	73.9	73	71.1	69.6	67.8	67.4	64.9	63.4	61.6
*+	72.2	72.1	71.5	70.4	69.4	67.6	67.2	65.4	64	61.3	60.5	58.8	57.3	55.6	55.4	53	51.6	49.9
* /	59.6	59.8	59.5	58.6	57.8	56.7	56.7	55	53.6	51	50.3	48.6	47.3	45.7	45.5	43.2	41.9	40.3
+))	49.2	49.3	49	48	47.3	46.4	47.9	46.3	45	42.5	41.9	40.2	38.9	37.4	37.3	35.1	33.8	32.2
+ -	40.8	40.8	40.5	39.5	38.8	37.8	40.2	39	37.8	35.3	34.7	33.1	31.9	30.3	30.3	28.2	26.9	25.4
, '	33.9	33.8	33.5	32.5	31.7	30.7	33.1	32	31.3	29.1	28.6	27	25.8	24.3	24.3	22.2	21	19.5
, +	28	27.9	27.6	26.6	25.8	24.8	27.1	26	25.3	23.4	23.2	21.7	20.5	19	19.1	17	15.8	14.4
, /	23	22.9	22.5	21.5	20.8	19.8	22	20.9	20.2	18.3	18.1	17	15.9	14.5	14.5	12.5	11.3	

XGC11000_SHJ-S9 SL working condition wind power jib [strengthened]

XGC11000_SHJ-S9 SL working condition wind power jib [strengthened] performance table



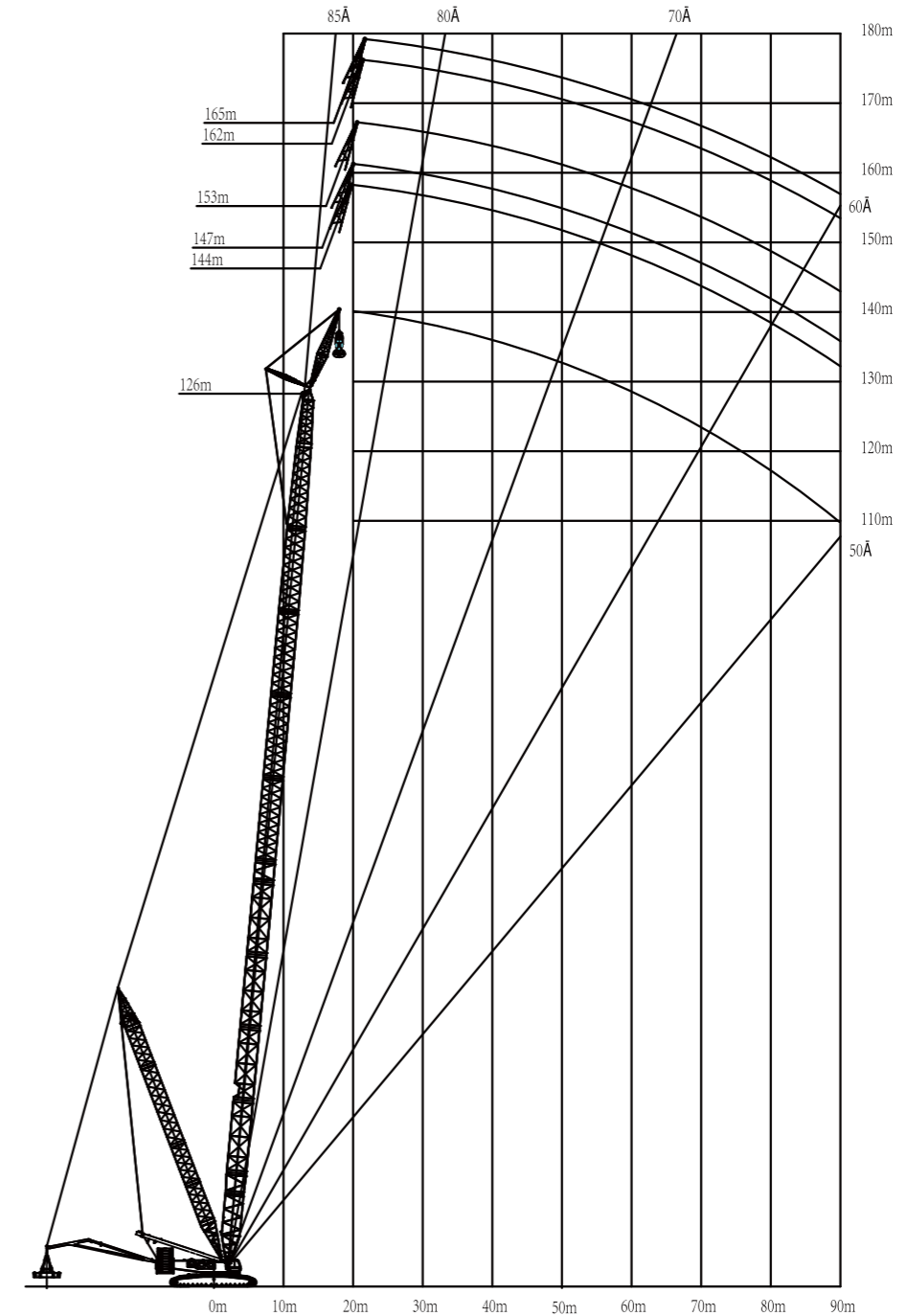
XGC11000_SHJ-S9 SL working condition wind power jib [strengthened] performance table																	
Turntable counterweight: 180 t Car-body counterweight : 45t SL mast 36m SL counterweight Radius 16 ~ 24m SL counterweight 0 ~ 250t Jib 12m Angle between main boom and jib 15°																	
Jib d	Boom length (m)																
	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	147
(-	170	170															
(.	170	170	170	170	169												
(/	167	167	167	166	166	165	162	162	157	151							
(O	164	164	164	163	163	163	162	162	157	151	144	139	133	127			
)'	163	163	163	162	162	162	162	162	157	151	144	139	133	127	119	116	105
)(<	156	157	159	160	162	162	162	160	157	151	144	139	133	127	119	116	105
))	153	154	155	157	158	159	162	160	157	151	144	139	133	127	119	116	105
))+	146	148	149	151	152	153	156	156	157	151	144	139	133	127	119	116	105
))-	141	142	143	145	146	147	151	151	151	150	144	139	132	126	118	115	104
))/ *'	135	136	138	139	141	142	145	146	147	147	144	139	132	126	118	115	104
* *+	130	131	133	134	136	137	140	141	142	142	143	138	131	126	117	115	104
* */	121	122	124	125	127	128	131	131	133	134	135	136	130	124	116	113	103
+ +)	113	114	116	117	119	120	122	123	125	126	127	128	126	120	114	111	101
+ +)	106	108	109	111	112	114	115	116	118	119	120	121	122	117	111	109	98.8
+ +)	101	102	103	105	106	108	109	110	112	113	114	115	116	115	109	107	96.6
, ,'	96	97	98.5	99.6	100	102	103	104	106	107	108	109	110	111	108	105	94.6
, ,+	91	92	93.5	95	96	97.5	99	100	101	102	103	105	106	107	106	103	92.5
, ,/ -)	87	88	89.5	90.6	92	93.1	94.6	95.6	96.6	98	99	100	101	102	103	100	90.5
- -)	83	84.1	85.6	86.6	88.1	89.1	90.6	91.7	92.8	94	95.1	96.1	97.5	97.1	97.4	95.8	87.6
-- --)	80	80.5	82	83	84.5	85.5	87	88	89	90	90.7	89.6	88.8	87.7	88	86.5	84.6
. .')	77	77.5	79	79	81.1	81.9	83.6	84.6	84.4	82.5	82.3	81.2	80.4	79.4	79.7	78.1	76.2
. .+	74	75	75.9	76.5	75.7	74.7	78.8	77.8	77	75.1	74.9	73.8	73	72	72.3	70.7	68.8
. ./	71	71.5	71.1	70.1	69.3	68.2	72.2	71.2	70.4	68.5	68.3	67.2	66.4	65.3	65.7	64.1	62.2
/	66	65.7	65.3	64.3	63.5	62.4	66.3	65.2	64.5	62.6	62.4	61.3	60.5	59.4	59.7	58.1	56.3
/-	60.8	60.4	60	59	58.3	57.2	60.9	59.9	59.1	57.2	57	55.9	55.1	54	54.4	52.8	50.9
Ø	56	55.7	55.3	54.3	53.5	52.4	56.1	55	54.2	52.4	52.2	51.1	50.2	49.2	49.5	47.9	46

XGC11000_SHJ-S9 SL working condition wind power jib [strengthened] working range

XGC11000_SHJ-S9 SL working condition wind power jib [strengthened] performance table

XGC11000_SHJ-S9 SL working condition wind power jib [strengthened] performance table																		
Turntable counterweight 200t Car-body counterweight 65t SL mast 36m SL counterweight 0t Jib 12m Angle between main boom and jib 15°																		
i X['j d	Boom length (m)																	
	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147
(-	170	170																
(.	170	169	167	164	161													
(/	161	160	157	154	152	149	146	143	141	137								
(O	152	151	148	146	143	141	138	135	133	130	128	125	123	121				
)'	144	142	140	138	136	133	131	128	126	122	121	118	116	114	113	110	108	105
)('	136	135	133	130	128	126	123	120	117	114	113	112	110	108	107	104	102	99.8
)	129	128	126	124	122	119	117	115	113	110	108	106	104	102	101	98	96	94.3
)+	116	115	114	112	110	108	106	104	102.3	99.3	98.1	95.9	94.1	92	91.4	88.6	86.8	84.8
)-	106	105	103	101	99.9	97.8	96.5	94.4	92.7	89.8	88.7	86.6	84.9	82.9	82.4	79.7	78	76.1
) /	96.6	95.8	94.5	92.5	90.8	88.8	87.8	85.9	84.2	81.4	80.4	78.4	76.8	74.9	74.5	71.9	70.3	68.4
*'	87.3	87.2	86.3	84.4	82.8	81	80.2	78.3	76.7	73.9	73	71.1	69.6	67.8	67.4	64.9	63.4	61.6
*+	72.2	72.1	71.5	70.4	69.4	67.6	67.2	65.4	64	61.3	60.5	58.8	57.3	55.6	55.4	53	51.6	49.9
* /	59.6	59.8	59.5	58.6	57.8	56.7	56.7	55	53.6	51	50.3	48.6	47.3	45.7	45.5	43.2	41.9	40.3
+))	49.2	49.3	49	48	47.3	46.4	47.9	46.3	45	42.5	41.9	40.2	38.9	37.4	37.3	35.1	33.8	32.2
+-	40.8	40.8	40.5	39.5	38.8	37.8	40.2	39	37.8	35.3	34.7	33.1	31.9	30.3	30.3	28.2	26.9	25.4
, '	33.9	33.8	33.5	32.5	31.7	30.7	33.1	32	31.3	29.1	28.6	27	25.8	24.3	24.3	22.2	21	19.5
, +	28	27.9	27.6	26.6	25.8	24.8	27.1	26	25.3	23.4	23.2	21.7	20.5	19	19.1	17	15.8	14.4
, /	23	22.9	22.5	21.5	20.8	19.8	22	20.9	20.2	18.3	18.1	17	15.9	14.5	14.5	12.5	11.3	

XGC11000_SLB-TS4 SL working condition wind power jib [transformed]



XGC11000_SLB-TS4 SL working condition wind power jib [transformed] working range

XGC11000_SLB-TS4 SL working condition wind power jib performance table 【transformed】

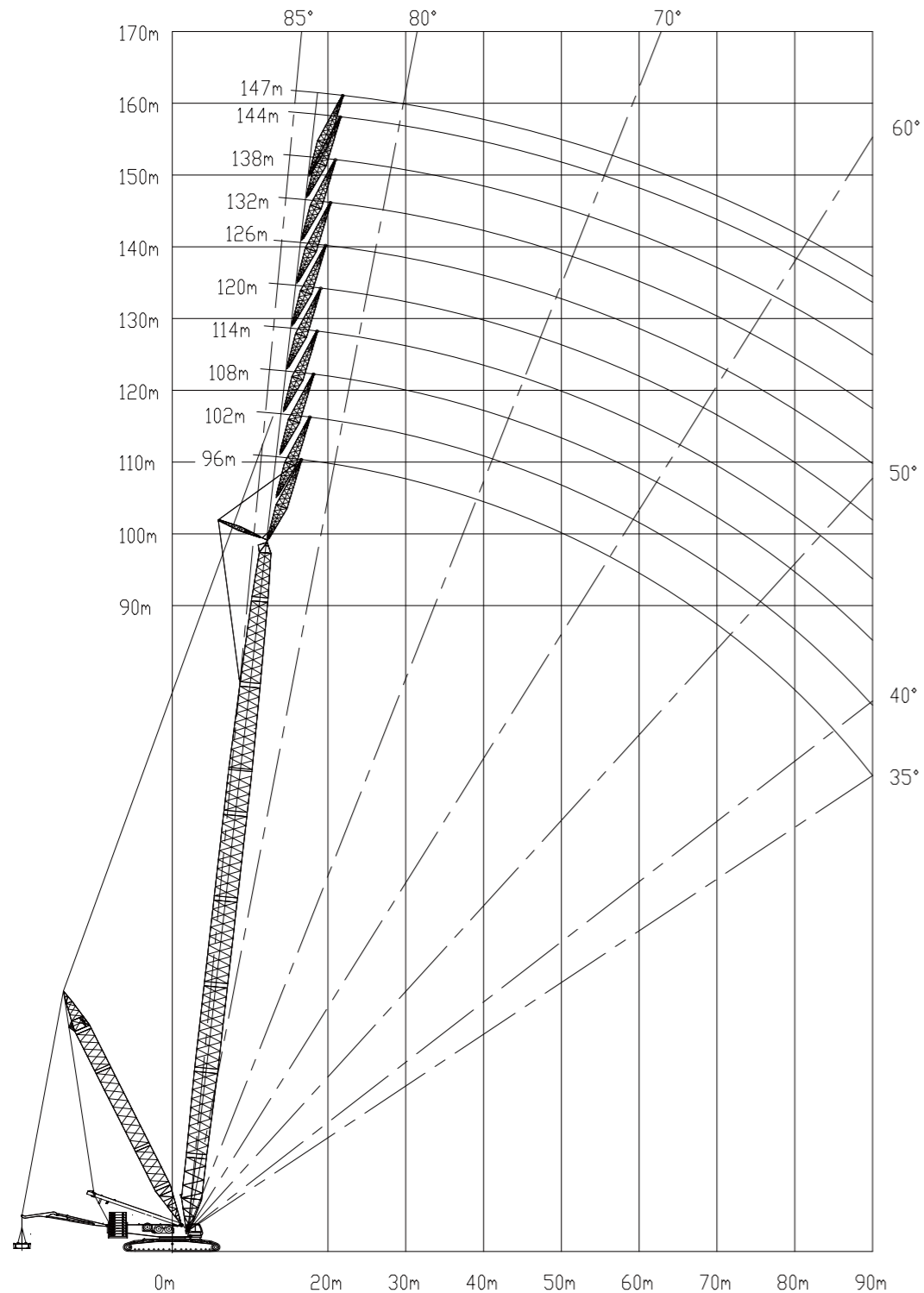
XGC11000_SLB-TS4 SL working condition wind power jib performance table 【transformed】														
Turntable counterweight 180t Car-body counterweight 45t SL mast 42m SL radius 16~24m SL counterweight 0~380t Jib 12m Angle between main boom and jib 15°														
Radius d	Boom length (m)													
	126	129	132	135	138	141	144	147	150	153	156	159	162	165
(O	165	164	163	162										
)'	165	164	163	162	160	158	150	142						
) (	165	164	163	162	160	158	150	142	135	128	122			
))	165	164	163	162	160	158	150	142	135	128	122	116	111	105
) *	164	164	163	162	160	158	150	142	135	128	122	116	111	105
) +	160	162	163	162	160	158	150	142	135	128	122	115	111	105
) ,	157	159	160	161	160	158	149	142	134	127	121	115	110	104
) -	155	156	157	158	159	158	149	142	134	127	121	115	110	104
) /	149	150	152	153	154	157	149	142	134	127	121	115	110	104
*'	144	145	147	148	149	152	148	140	133	126	120	114	110	104
* +	135	136	138	139	140	143	144	138	131	126	119	113	109	102
* /	127	128	130	131	132	135	136	136	129	125	118	111	107	101
+))	120	121	123	124	125	128	129	130	126	123	116	108	105	100
+ -	114	115	116	117	119	121	122	123	123	121	113	105	102	98
, '	108	109	111	112	113	115	116	117	117	117	110	102	99	96
, +	103	104	105	106	108	110	111	112	110	112	107	99	96	93
, /	98.9	100	101	102	103	105	106	107	105	107	105	96	93	90
-)	94.7	95.8	96.9	98	99.1	101	102	103	101	103	102	93	90	87
--	90.8	91.9	93	94	95.1	97	98	99	98	99	98.1	90	87	83
. '	87.3	88.3	89.4	90.4	91.5	93.2	94.3	95.2	95	94	91.4	88.3	84	80
. +	84.1	85.1	86.1	87.1	88.2	89.8	90.8	91.8	90.8	87.8	85.3	82.3	81.9	77
/)	78.3	79.3	80.3	81.2	82.2	82.8	82.1	80.5	79.6	76.7	74.5	71.7	71.2	68.4
Ø	73.4	73.1	72.5	71.4	71.1	70	64	68.1	68.5	67.1	65	62.4	61.9	59.3

XGC11000_SLB-TS4 SL working condition wind power jib 【transformed】 performance table

XGC11000_SLB-TS4 SL working condition wind power jib 【transformed】 performance table														
Turntable counterweight 200t Car-body counterweight 65t SL mast 42m SL counterweight 0t Jib 12m Angle between main boom and jib 15°														
Radius d	Boom length (m)													
	126	129	132	135	138	141	144	147	150	153	156	159	162	165
(O	136	133	131	128										
)'	128	126	124	121	119	117	115	112						
) (	121	119	117	114	113	110	108	106	105	103	101			
))	115	112	110	108	107	104	102	100	99.8	97.5	95.6	93.4	92.3	90
) *	109	106	105	102	101	99	97.3	95	94.3	92.1	90.3	88.1	87.1	84.9
) +	103	101	99.6	97.3	96	93.7	92	89.8	89.2	87	85.3	83.2	82.2	80.1
) ,	98.3	96.1	94.4	92.3	91	88.8	87.1	85	84.4	82.3	80.7	78.6	77.7	75.6
) -	93.4	91.2	89.6	87.5	86.3	84.2	82.6	80.4	80	77.9	76.3	74.2	73.4	71.3
) /	84.4	82.4	80.9	78.8	77.7	75.7	74.2	72.1	71.8	69.8	68.3	66.3	65.5	63.6
*'	76.5	74.5	73.1	71.1	70.1	68.1	66.7	64.8	64.5	62.5	61.1	59.2	58.5	56.6
* +	63.1	61.2	59.9	58.1	57.2	55.3	54	52.2	52	50.1	48.8	47	46.5	44.7
* /	52.1	50.3	49.1	47.4	46.6	44.8	43.6	41.8	41.7	40	38.7	37	36.5	34.8
+))	43	41.3	40.1	38.5	37.7	36	34.9	33.2	33.1	31.4	30.3	28.6	28.2	26.5
+ -	35.3	33.6	32.5	30.9	30.2	28.6	27.5	25.8	25.8	24.2	23.1	21.4	21.1	19.5
, '	28.7	27.1	26	24.4	23.8	22.2	21.1	19.5	19.6	17.9	16.9	15.3	15	13.4
, +	23	21.4	20.4	18.8	18.2	16.6	15.6	14	14.1	12.5	11.5			
, /	17.9	16.4	15.4	13.9	13.3	11.7	10.7							

XGC11000_SHJ-S9 SL working condition wind power jib [strengthened]

XGC11000_SHJ-S9 working condition wind power jib [Strengthened 9 sections -0t+200t+65t] performance table



XGC11000_SHJ-S9 SL working condition wind power jib [transformed] performance table

**Turntable counterweight 200t Car-body counterweight 65t SL mast 42m
SL counterweight 0t Jib 12m Angle between main boom and jib 15° Wind power jib 240t**

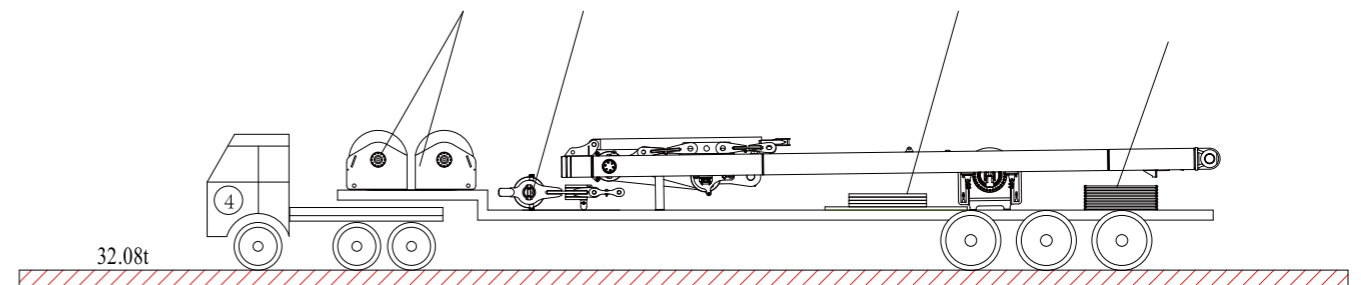
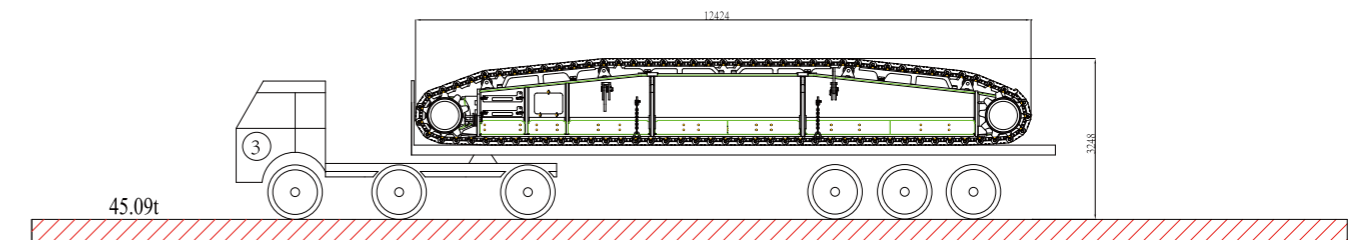
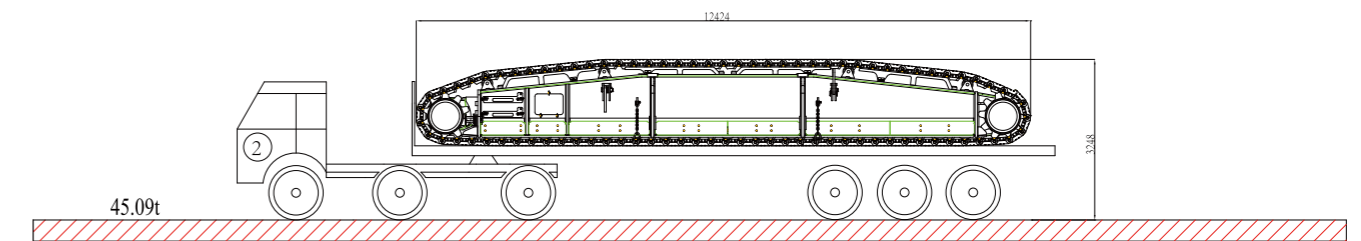
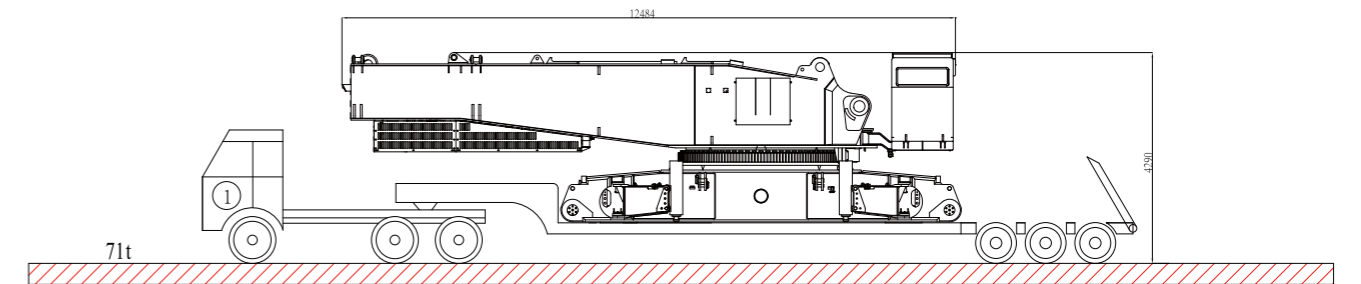
Radius d	Boom length (m)																	
	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147
(-	204	201																
(.	192	189	186	183	180													
(/	181	178	175	172	169	166	164	161	158									
(O	171	168	165	162	160	157	155	152	150	147	145	142						
)'	161	159	156	154	151	148	146	144	141	139	137	134	132	129	127	125		
)(	153	150	148	146	143	141	139	136	134	131	130	127	125	122	121	118	116	113
))	145	143	141	138	136	133	132	129	127	125	123	120	118	116	114	112	110	107
)*	138	135	134	131	129	127	125	123	121	118	117	114	112	110	108	106	104	102
)+	131	129	127	125	123	121	119	117	115	112	111	108	107	104	103	100	99	96.7
),	125	123	121	119	117	115	113	111	109	107	105	103	101	99.4	98	95.7	93.9	91.7
)-	119	117	116	113	112	109	108	106	104	102	100	98.4	96.7	94.5	93.1	90.9	89.2	87
) /	109	107	105	103	102	99.9	98.6	96.5	94.8	92.7	91.4	89.3	87.6	85.6	84.3	82.1	80.5	78.4
**	99.3	98.2	96.9	94.9	93.3	91.3	90	88	86.4	84.4	83.2	81.1	79.6	77.6	76.4	74.4	72.8	70.8
*+	81.8	80.8	80.5	79.6	78.5	76.7	75.6	73.7	72.2	70.3	69.3	67.4	65.9	64.1	63	61.1	59.7	57.8
* /	68.3	67.3	67	66	65.3	64.3	63.8	62	60.7	58.9	57.9	56.1	54.8	53	52	50.2	48.9	47.1
+	57.5	56.5	56.1	55.1	54.4	53.4	53	51.9	51.1	49.4	48.5	46.8	45.5	43.8	42.9	41.1	39.9	38.1
+-	48.4	47.4	47.1	46.1	45.5	44.4	44.1	42.9	42.2	41.2	40.5	38.8	37.6	36	35.1	33.4	32.2	30.5
,'	40.7	39.7	39.4	38.3	37.7	36.6	36.3	35.2	34.6	33.5	33.2	32.1	30.9	29.3	28.5	26.8	25.7	24
,+	34.2	33.2	32.8	31.8	31.1	30.1	29.8	28.7	28	26.9	26.6	25.4	24.8	23.5	22.7	21.1	19.9	18.3
, /	28.6	27.6	27.3	26.2	25.6	24.5	24.2	23.1	22.4	21.3	20.9	19.8	19.1	18	17.6	16	14.9	13.3
-)	23.8	22.8	22.5	21.4	20.8	19.7	19.3	18.2	17.6	16.4	16.1	14.9	14.2	13.1	12.7	11.6	10.5	
--	19.7	18.6	18.3	17.2	16.6	15.5	15.1	14	13.3	12.2	11.9	10.7	10					
.'	16	14.9	14.6	13.5	12.9	11.8	11.4	10.3										

XGC11000_SHJ-S9 SL working condition wind power jib [Strengthened 9 sections -0t+200t+65t] performance table

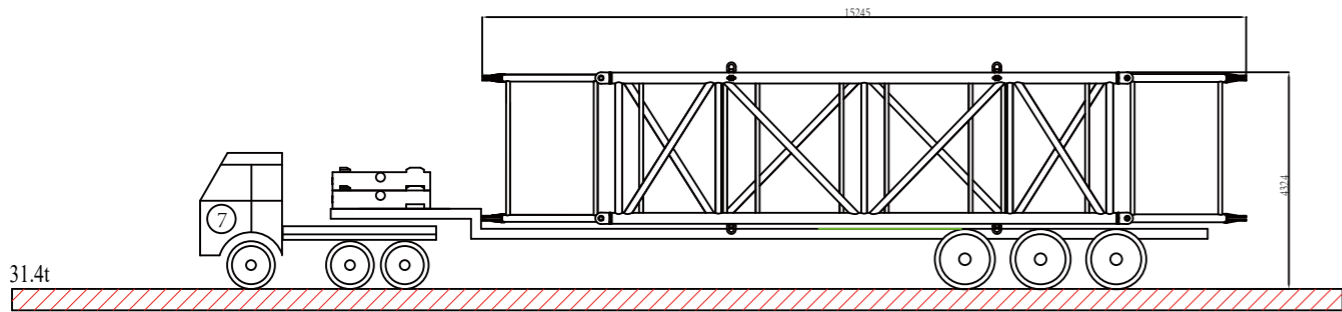
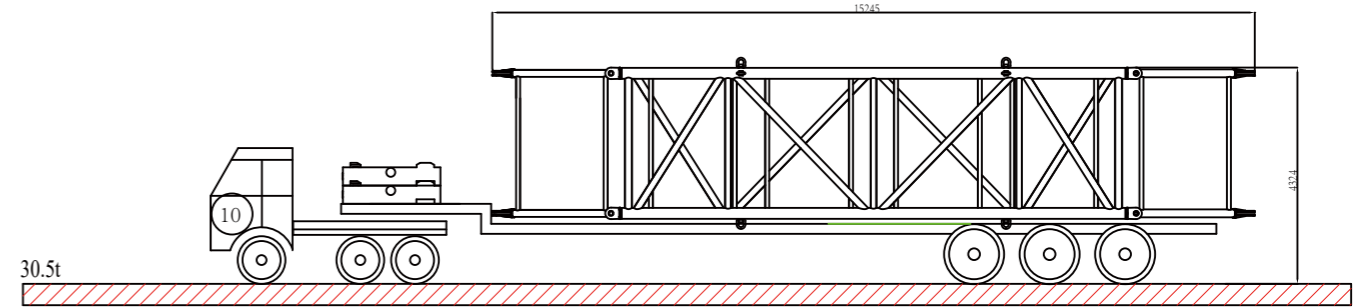
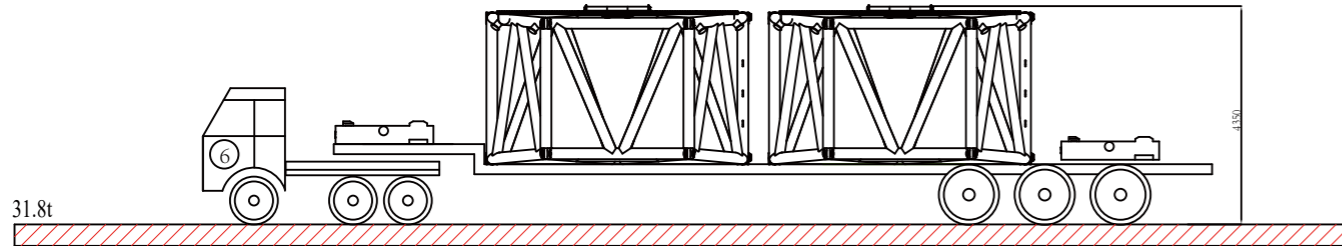
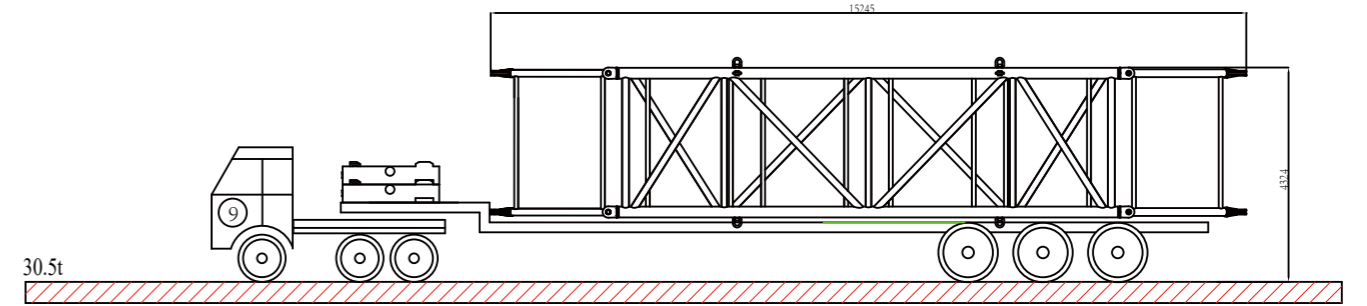
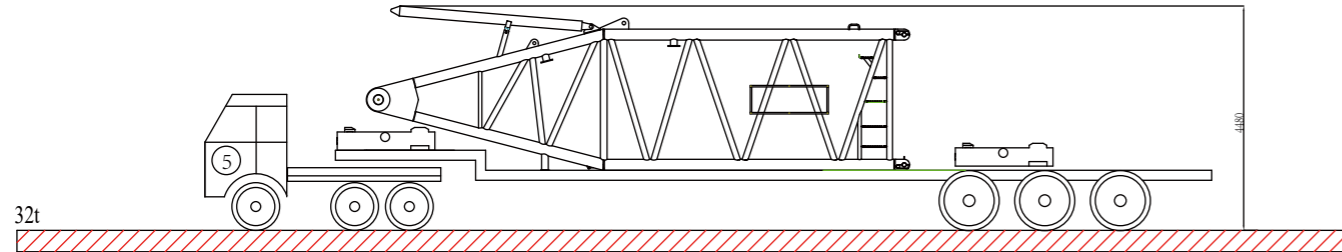
XGC11000_SHJ-S9 SL working condition wind power jib [Strengthened 9 sections -0t+200t+65t] performance table																		
Turntable counterweight 200t Car-body counterweight 65t SL Radius 24m SL mast 42m SL counterweight 50t Jib 12m Angle between main boom and jib 15° Wind power jib 240t																		
Radius d	Boom length (m)																	
	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147
(-	240	231																
(.	237	231	223	214	209													
(/	232	230	223	214	209	197	195	187	181									
(O	223	219	216	212	208	197	195	187	181	174	167	163						
)'	211	208	205	202	199	195	194	187	180	174	167	163	158	151	145	138		
)(	201	197	195	192	189	186	184	181	178	173	166	163	158	151	145	138	132	125
)	191	188	186	183	180	177	175	172	170	167	165	162	157	150	145	138	132	125
)*	182	179	177	174	172	169	167	164	162	159	157	154	152	149	144	137	131	124
)+	174	171	169	166	164	161	159	157	154	152	150	147	145	143	141	136	130	123
)	166	163	161	159	157	154	152	150	148	145	143	141	139	136	134	132	129	122
)-	158	156	155	152	150	147	146	143	141	139	137	134	132	130	128	126	124	121
/	143	142	141	140	138	135	134	131	129	127	125	123	121	119	117	115	113	111
**	131	129	129	127	126	124	123	121	119	117	115	113	111	109	108	106	104	102
*+	110	109	108	107	106	105	104	103	101	99.8	98.6	96.5	94.9	92.9	91.7	89.6	88	86
*/	94.3	93.3	92.7	91.5	90.6	89.4	88.8	87.5	86.6	85.4	84.5	82.6	81.1	79.2	78.1	76.2	74.7	72.8
+	80	79.1	78.8	77.8	77.2	76.2	75.8	74.8	73.9	72.7	72.1	70.9	69.6	67.8	66.8	64.9	63.6	61.7
+-	68.5	67.5	67.2	66.2	65.6	64.5	64.2	63.2	62.5	61.5	61.1	60	59.4	58.2	57.2	55.4	54.1	52.3
'	59	58	57.7	56.6	56	55	54.6	53.6	52.9	51.8	51.5	50.4	49.7	48.6	48.3	47.1	46	44.3
+'	51	50	49.7	48.6	48	46.9	46.6	45.5	44.8	43.7	43.4	42.3	41.6	40.5	40.1	39	38.3	37.2
/	44.2	43.2	42.9	41.8	41.1	40.1	39.7	38.6	38	36.9	36.5	35.4	34.7	33.6	33.2	32	31.3	30.2
-)	38.3	37.3	37	35.9	35.2	34.2	33.8	32.7	32	30.9	30.6	29.4	28.7	27.6	27.2	26.1	25.4	24.2
--	33.2	32.2	31.8	30.8	30.1	29	28.7	27.6	26.9	25.8	25.4	24.2	23.5	22.4	22	20.9	20.1	19
·'	28.7	27.7	27.3	26.2	25.6	24.5	24.1	23	22.3	21.2	20.8	19.7	19	17.9	17.4	16.3	15.6	14.4

Transport plan

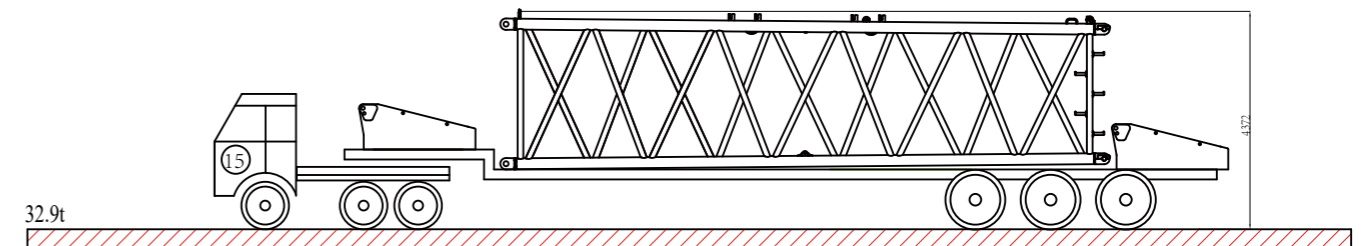
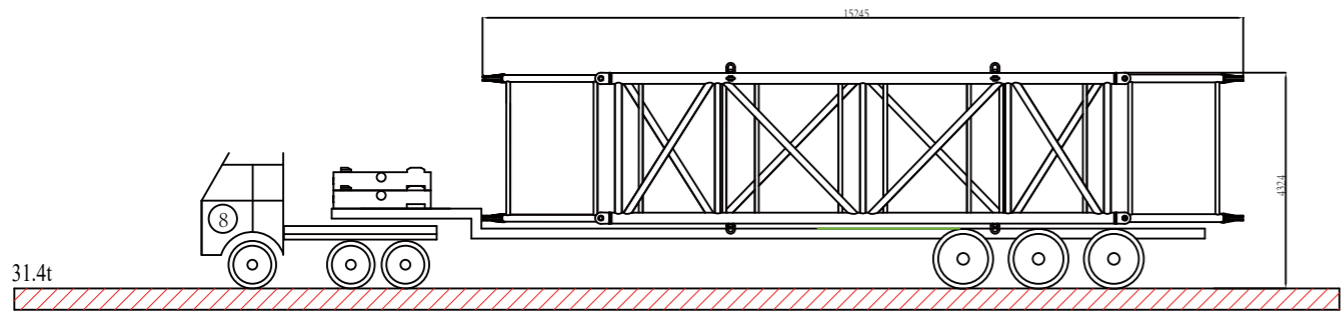
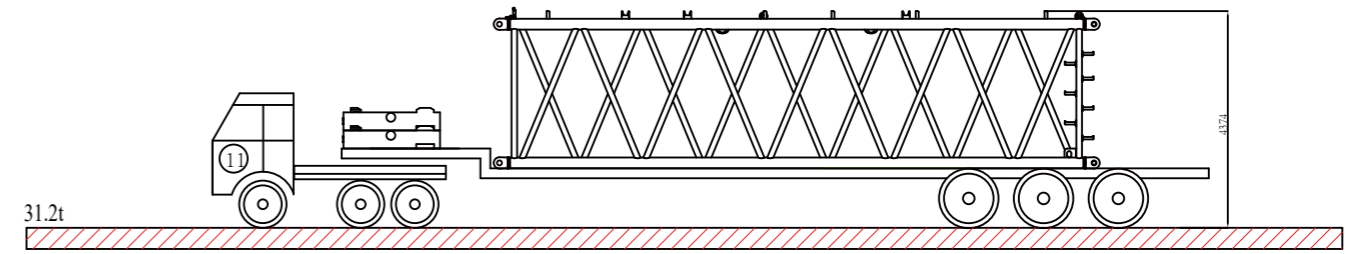
(Take XGC11000_SC9\$TS4 SL working condition w/e power jib [transformed] 165+12 as an example) total 30 trailers.



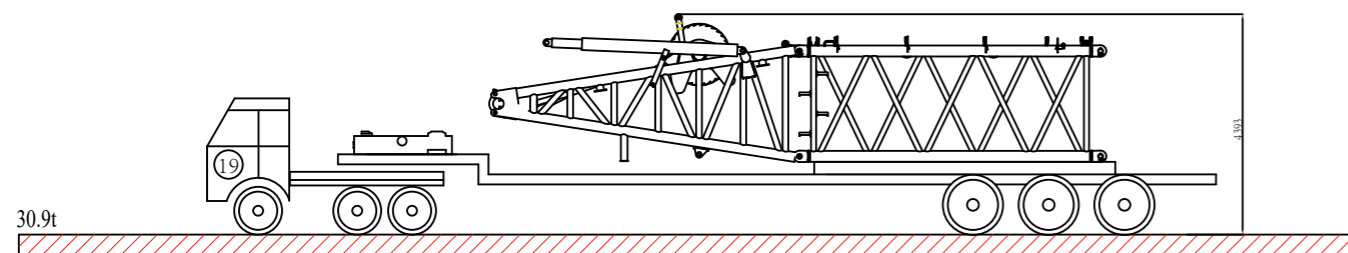
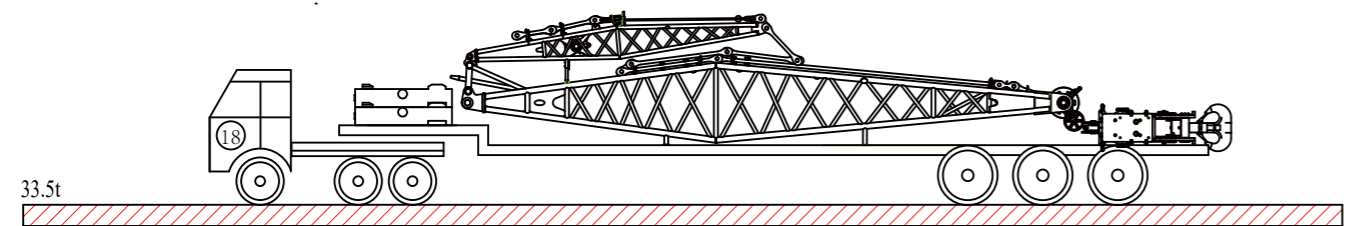
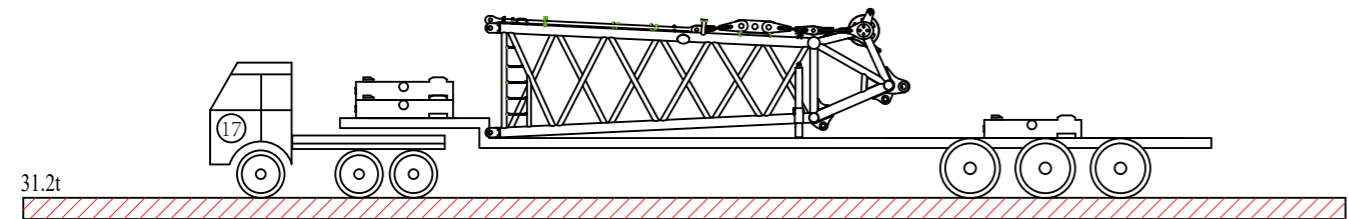
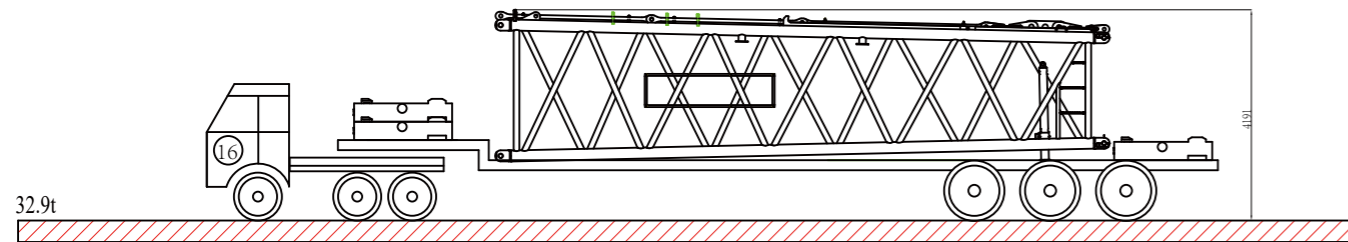
Transport plan



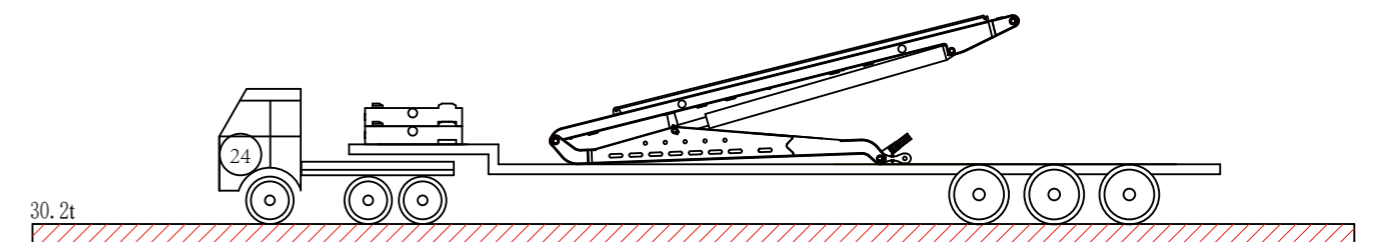
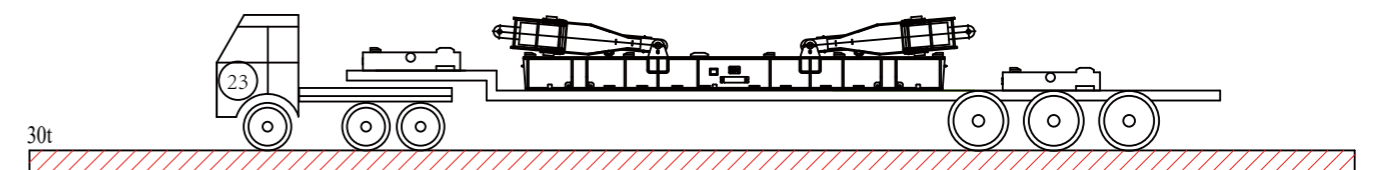
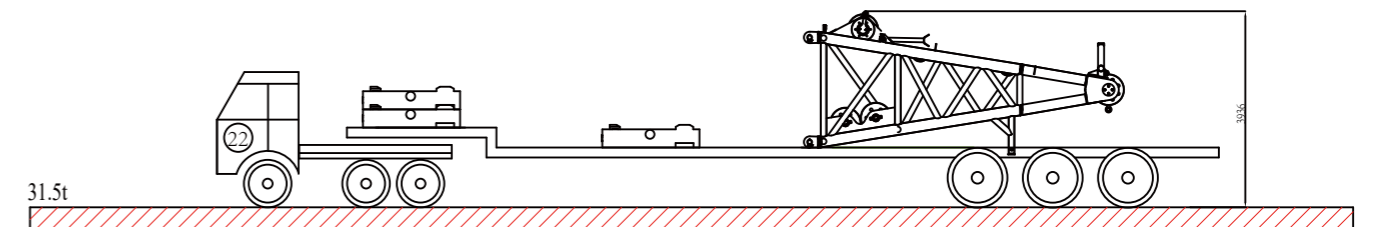
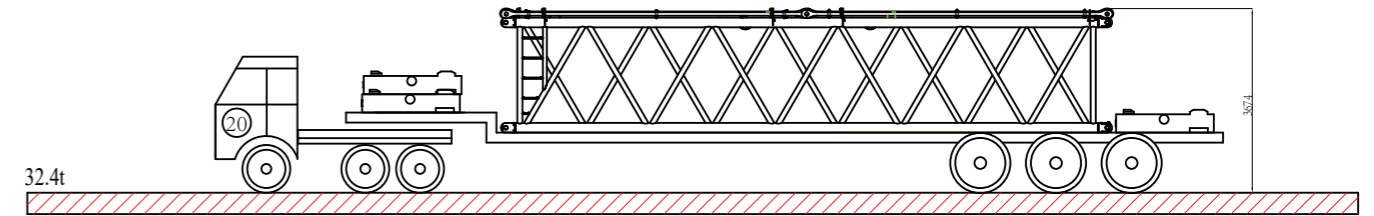
4 vehicles



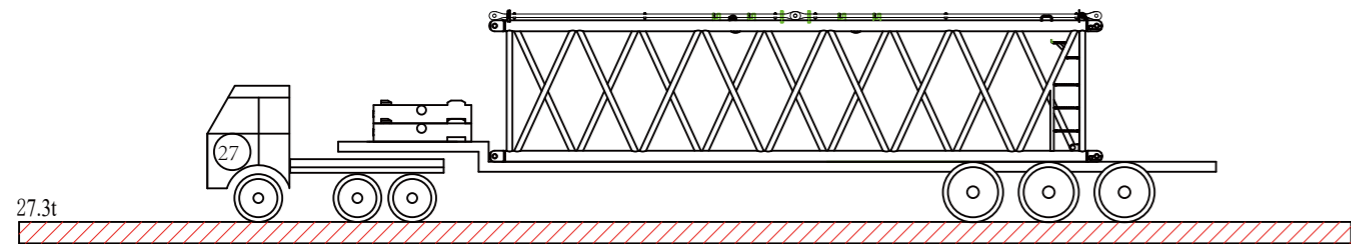
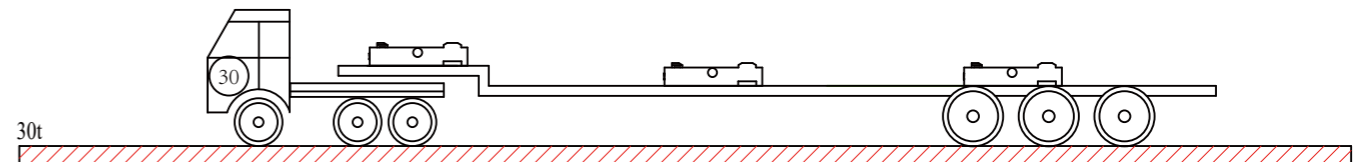
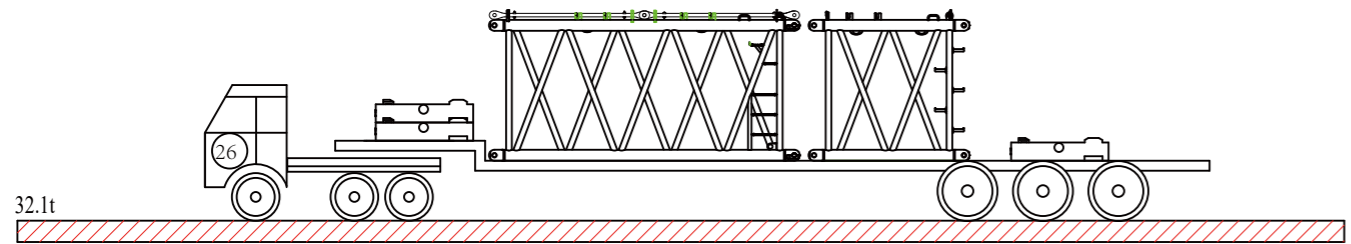
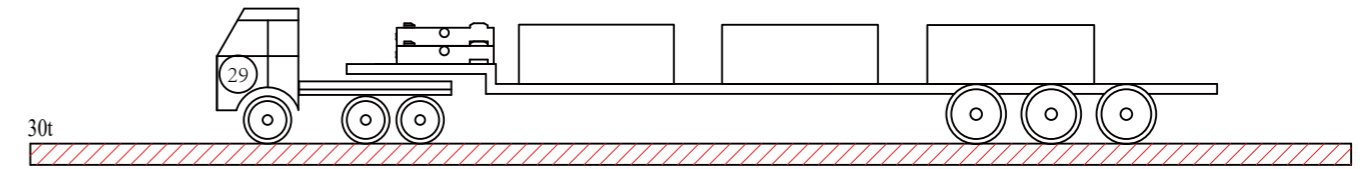
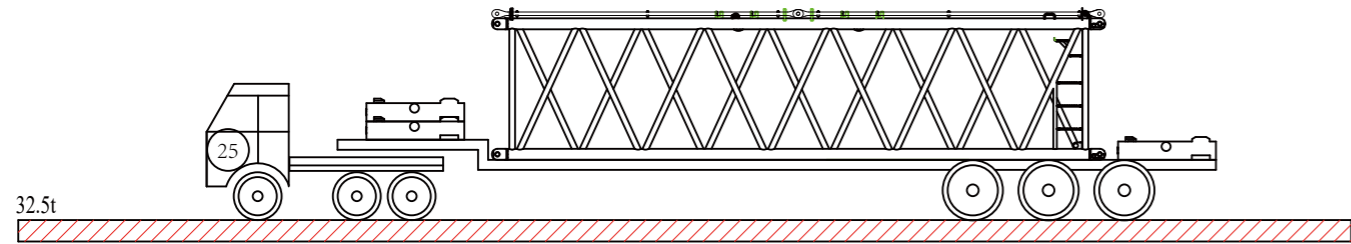
Transport plan



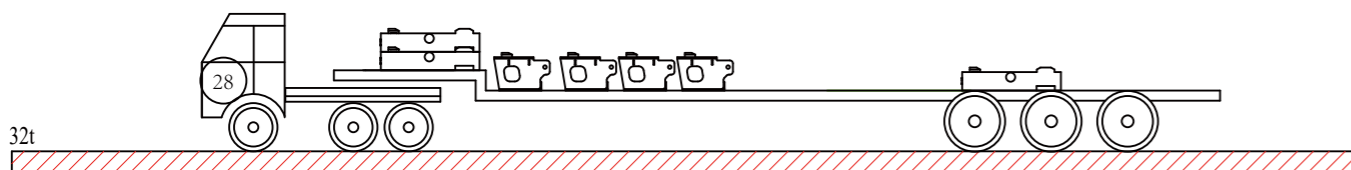
2 vehicles



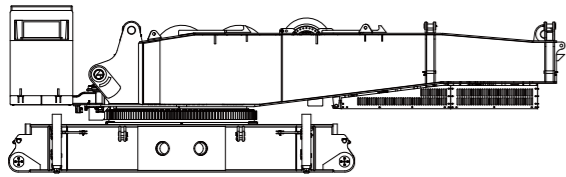
Transport plan



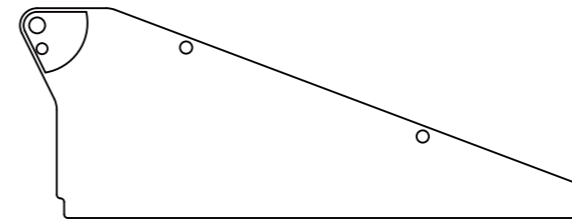
Notes: trailers of which load and specification are similar can be chosen.



Transport size



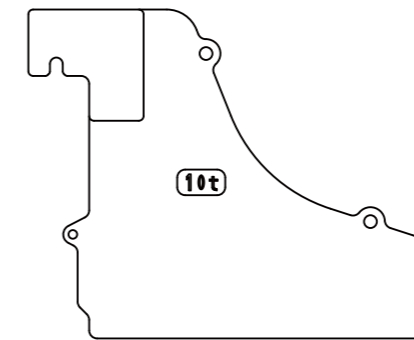
Basic crane		×1
L	12430mm	
W	3460mm	
H	3450mm	
W	70000kg	



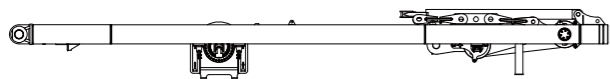
Car-body counterweight box		×2
L	2335mm	
W	1440mm	
H	910mm	
W	12500kg	



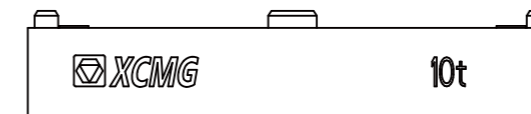
Crawler track		×2
L	12400mm	
W	180mm	
H	1730mm	
W	45000kg	



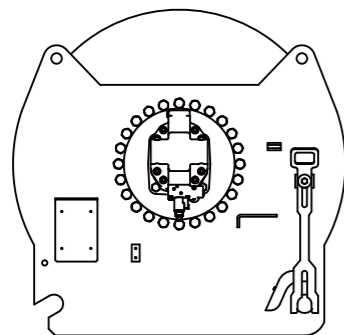
Superstructure counterweight box		×2
L	2545mm	
W	2520mm	
H	2140mm	
W	10000kg	



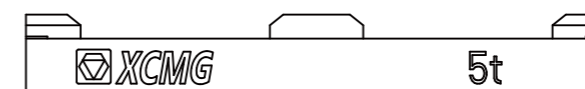
Mast assembly		×1
L	13170mm	
W	2250mm	
H	1510mm	
W	15430kg	



10t Counterweight block		×50
L	2180mm	
W	1950mm	
H	510mm	
W	10000kg	

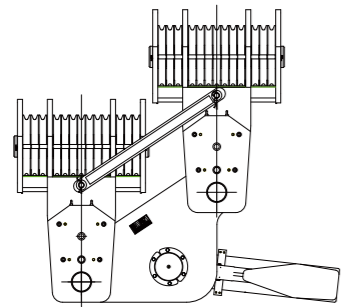


Hoisting mechanism		×2
L	2080mm	
W	1260mm	
H	1240mm	
W	6700kg	

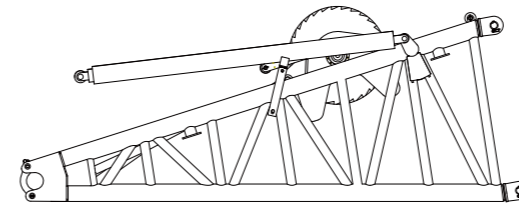


5t counterweight block		×9
L	2180mm	
W	1950mm	
H	510mm	
W	5000kg	

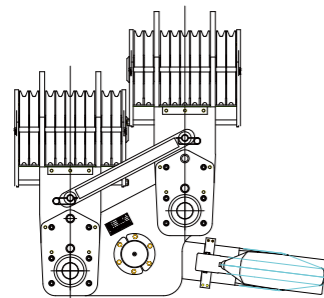
Transport size



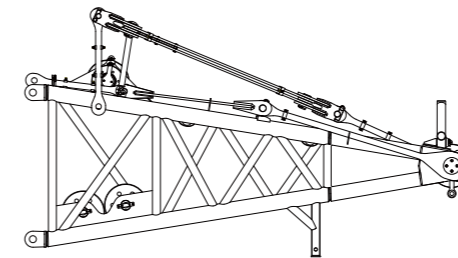
700t hook block	×1
L	3210mm
W	1685mm
H	2880mm
W	13100kg



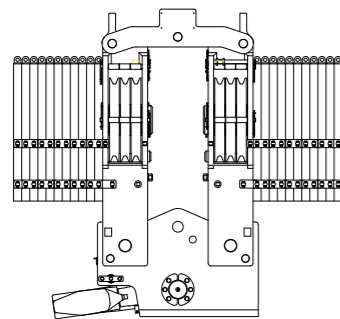
SL boom butt	×1
L	6390mm
W	3000mm
H	2460mm
W	13600kg



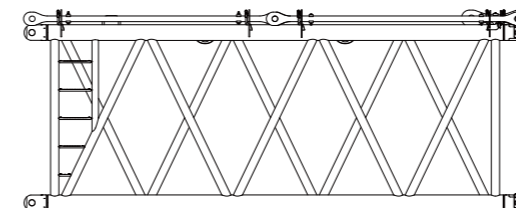
500t hook block	×1
L	2113mm
W	1685mm
H	2880mm
W	12000kg



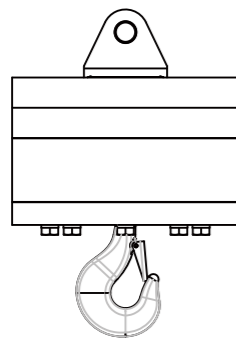
SL top section assembly	×1
L	6430mm
W	3280mm
H	3460mm
W	8840kg



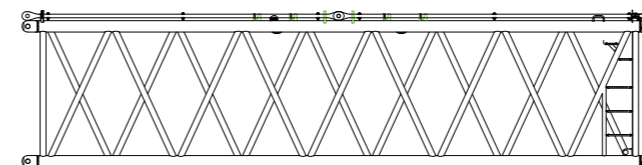
200t hook block	×1
L	2500mm
W	1000mm
H	2300mm
W	9000kg



SL 6m section	×1
L	6200mm
W	3320mm
H	2470mm
W	4200kg

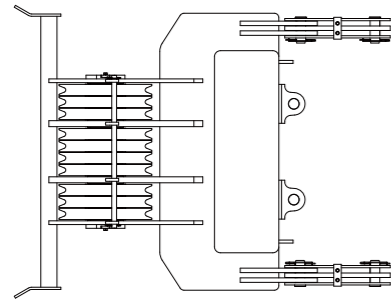


16t hook block	×1
L	1200mm
W	700mm
H	700mm
W	1500kg

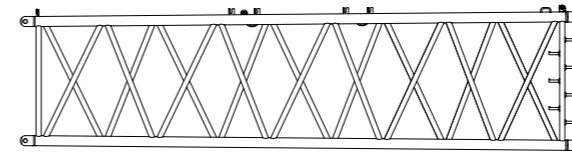


SL 12m section	×2
L	12200mm
W	3320mm
H	2470mm
W	8700kg

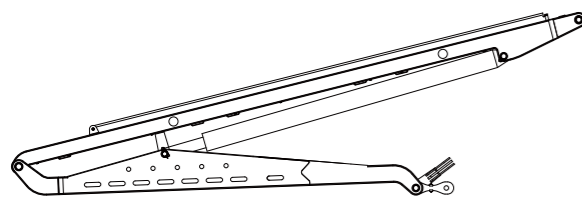
Transport size



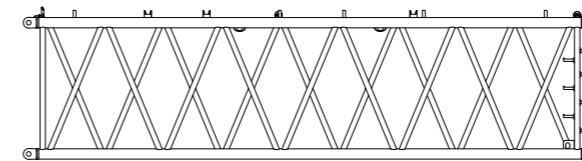
SL luffing pulley lock	×1
L	2500mm
W	1960mm
H	710mm
W	3000kg



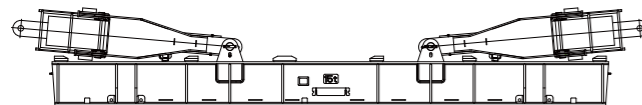
Main boom 12m transition section I	×1
L	12230mm
W	3720mm
H	3220mm
W	9560kg



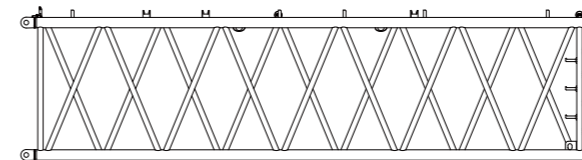
SL counterweight luffing device	×1
L	9430mm
W	3370mm
H	3000mm
W	10200kg



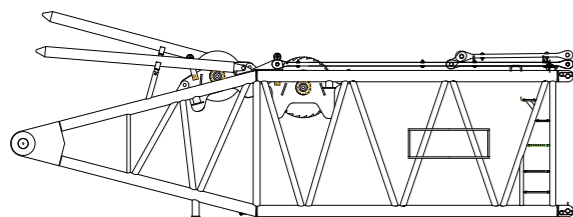
Main boom heavy duty 12m section	×1
L	12230mm
W	3720mm
H	3220mm
W	10200kg



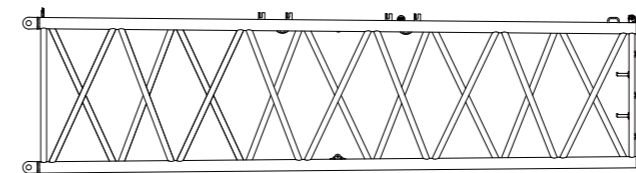
SL counterweight tray I	×1
L	9700mm
W	2180mm
H	1500mm
W	15000kg



Main boom 12m insert section	×4
L	12230mm
W	3720mm
H	3220mm
W	8500kg

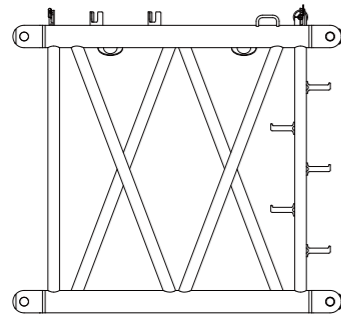


Main boom butt	×1
L	10850mm
W	3070mm
H	3280mm
W	20900kg

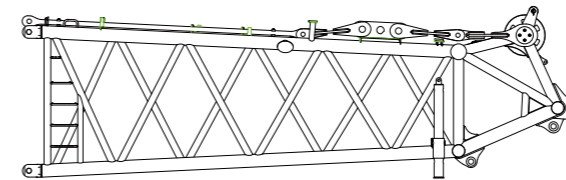


Main boom 12m transition section II	×1
L	12230mm
W	3720mm
H	3220mm
W	7900kg

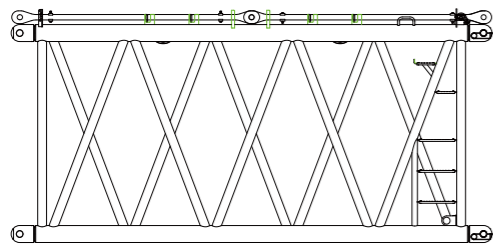
Transport size



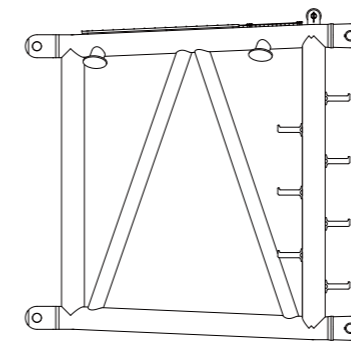
Main boom 3m section	×1
L	3200mm
W	3070mm
H	3020mm
W	2500kg



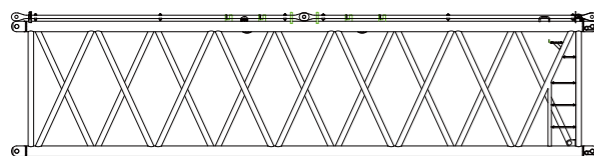
Tower jib TB7.5A-T	×1
L	8520mm
W	3070mm
H	3020mm
W	6200kg



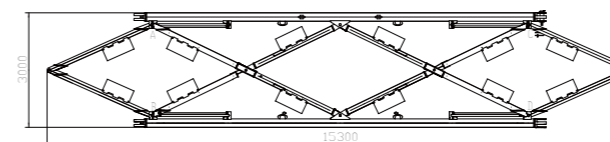
Main boom 6m section	×1
L	6200mm
W	3070mm
H	3020mm
W	4600kg



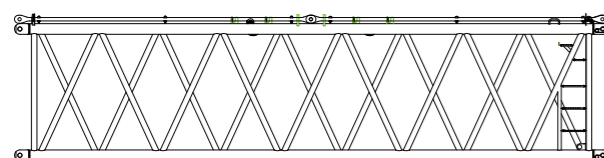
Main boom 3m connection section I	×1
L	5240mm
W	3230mm
H	3220mm
W	6200kg



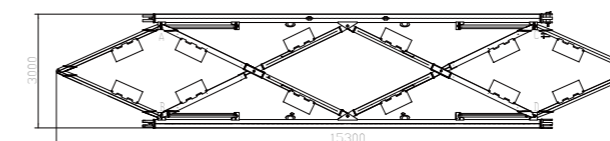
Main boom heavy duty 12m section A	×1
L	12200mm
W	3070mm
H	3020mm
W	7800kg



boom10.5m transformed I	×2
L	15300mm
W	3000mm
H	3220mm
W	12000kg

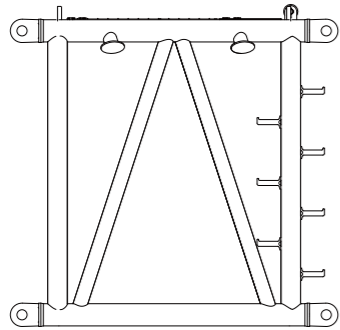


Main boom12m center hitch section B	×1
L	12200mm
W	3070mm
H	3020mm
W	7350kg

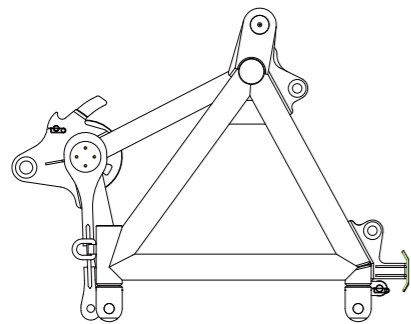


Main boom10.5transformed II	×2
L	15300mm
W	3000mm
H	3220mm
W	10500kg

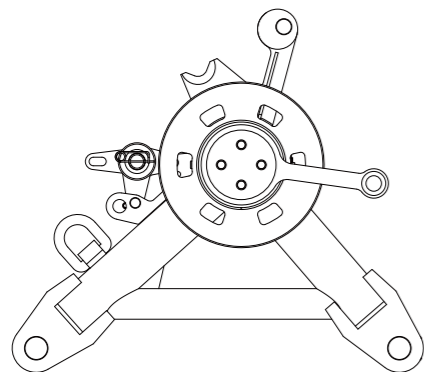
Transport size



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



Main boom head	×1
L	3340mm
W	2750mm
H	2640mm
W	4650kg



Pulley block	×2
L	1530mm
W	1600mm
H	1400mm
W	1610kg

Note:
