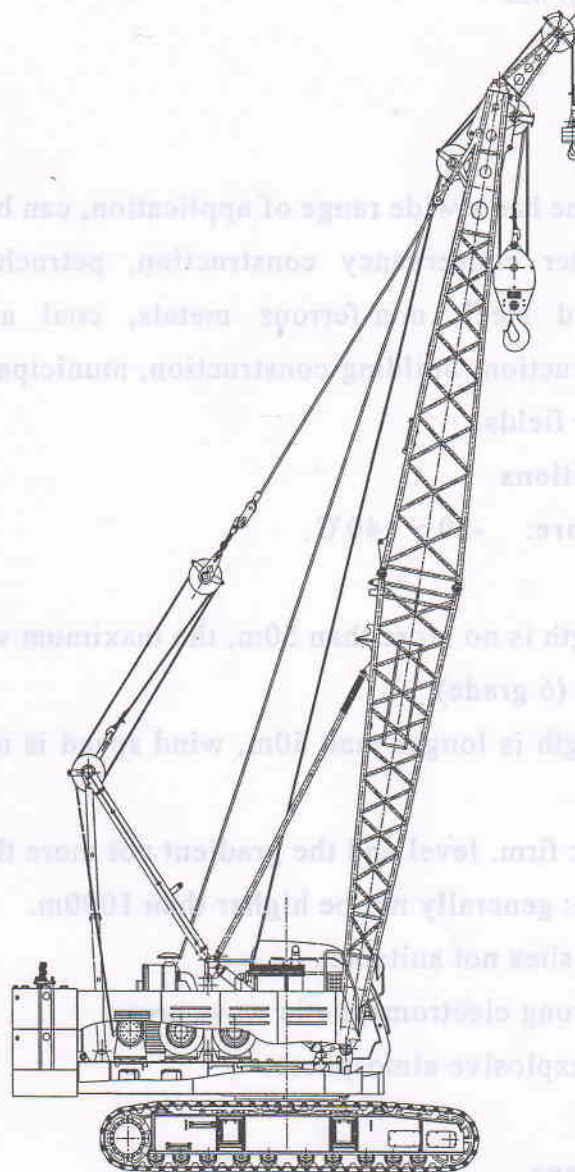


II. Description of the Crane



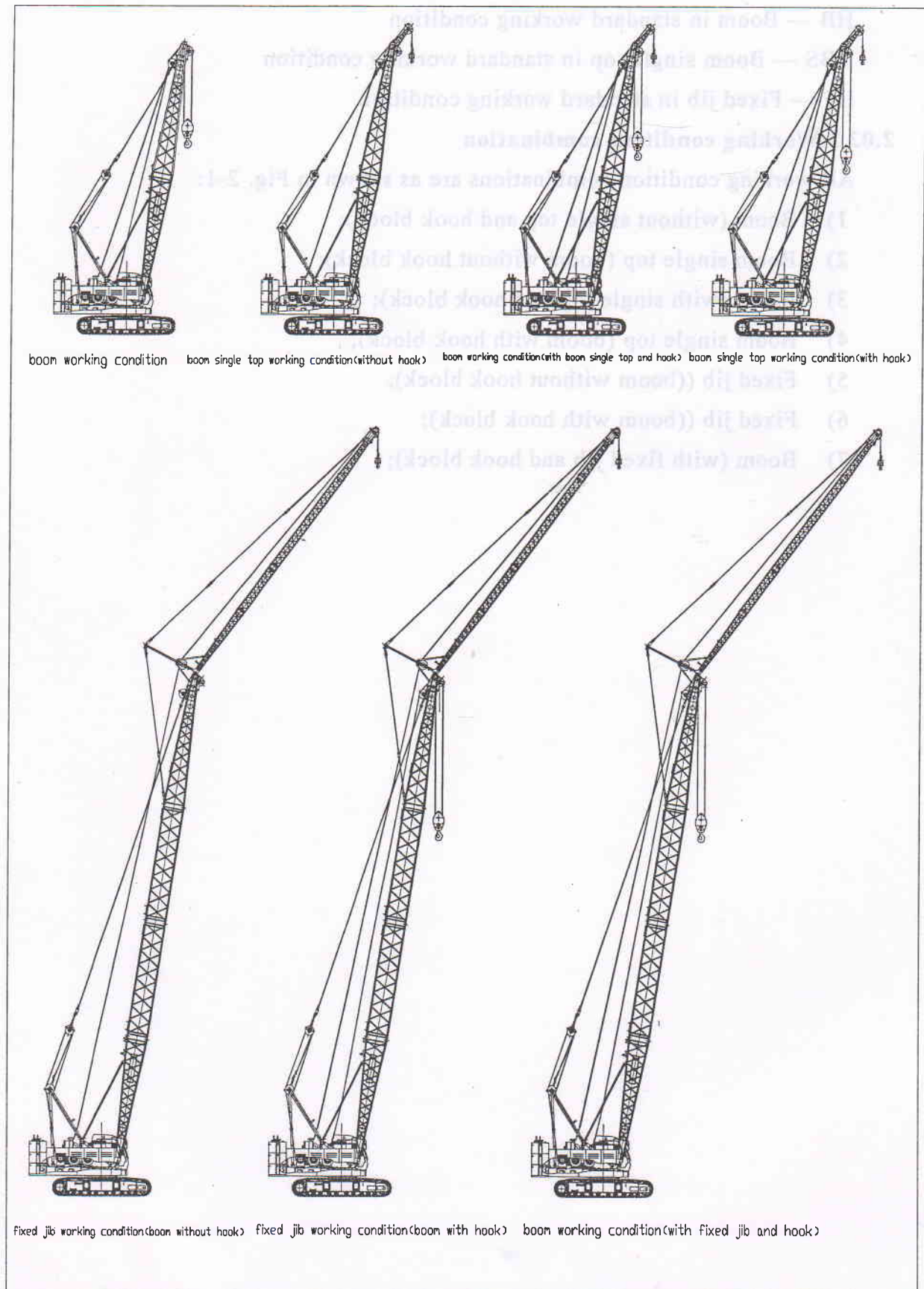


Fig.2-1 working condition combination



2.03 Main technical specifications

Table 2-1 XGC55 crawler crane main technical specifications

Item		Unit	Parameters	
Max. rated lifting capacity	Boom	t	55	
	Boom single top	t	6	
	Fixed jib (without hook block)	t	11.4	
	Fixed jib (with hook block)	t	10.4	
Max. load moment	Boom	t.m	203.5	
	Fixed jib	t.m	128.4	
	Boom single top	t.m	97.2	
Dimension	Boom length	m	13~52	
	Boom luffing angle	°	-3~80	
	Fixed jib length	m	7~16	
	Angle between boom and fixed jib	°	10, 30	
	Boom single top	m	1.1	
Speed	Hoist winch max. single line speed	m/min	125	125
	Boom luffing winch max. single line speed	m/min	87	78
	Max. slewing speed	rpm	2.45	2.2
	Max. travel speed	km/h	1.37	1.22
Engine	Engine model	-	Shangchai SC7H210.1G3	Cummins QSB6.7
	Engine rated output power and speed	kW/rpm	155/2000	153/1800
	Emmission standard	-	GB III	Euro IIIA
Total vehicle mass (with 13m basic boom and 55t hook block)		t	46.12	
Mean ground pressure		MPa	0.06	
Grade-ability		-	30%	
Max. mass of single unit in transport state		t	28.6	
Max. dimension of single unit (turntable) in transport state (L×W×H)		m	12.04×3.45×3.36	

Notes:

1. Steel wire rope refers to the outermost working layer (layer 5) of the drum, the



3.03 Unload basic machine

The basic machine includes left/right track frame, car-body, turntable, gantry, engine system, various mechanisms, boom base, and luffingpulley block, and etc., total weight is about 29 tons.

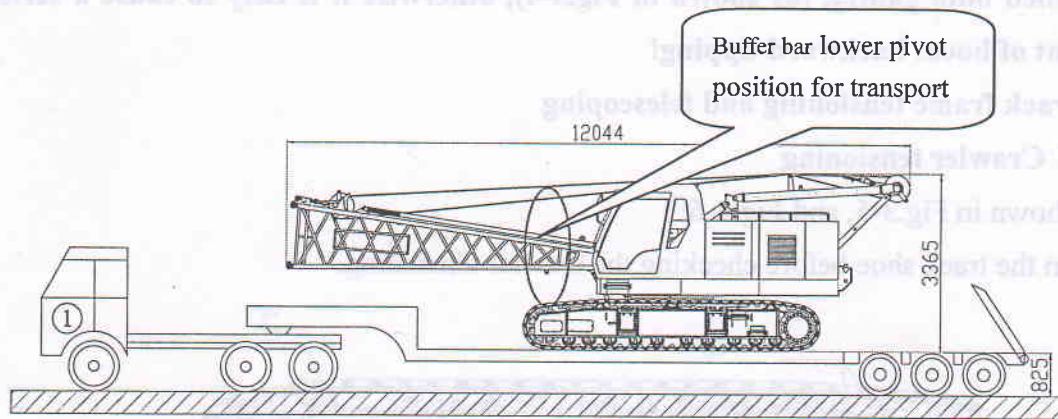


Fig.3-3 basic machine in transport state

1. Make sure that the work site is level, firm, and solid, if necessary, to reinforce the ground or place steel plate on the ground.

2. Start the engine, to unload basic machine from the flatbed, and drive the trailer away.

Warning: when unloading the basic machine, the angle between trailer guide bracket and ground shall not be more than 16.7° .

3.04 Reset boom buffer bar

To prevent deformation of boom buffer bar during transport, for which, in the long-distance transport, the boom buffer bar lower pivot must be removed from the gantry, retract and fix it on the boom root pivot, as shown in Fig. 3-3. When the crane is in work, the boom buffer bar lower pivot must be reinstalled onto gantry, as shown in Fig.3-4, otherwise it is easy to cause a serious accident of boom backward tipping!

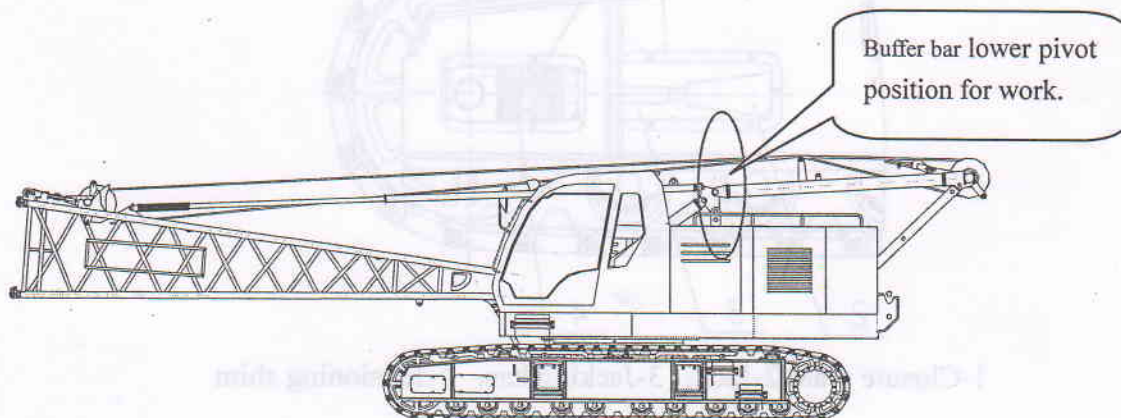


Fig.3-4 boom buffer bar in reset state



3.09.2 Boom assembly and raising / lowering

3.09.2.1 Boom and guy cable (pendant) code

1. Boom code

Table 3-4 boom name and code

No.	Boom code	Boom name	Boom length (m)
①	ZB-1311-1	Boom base	6.5
②	ZB-1311-2	3m boom insert	3
③	ZB-1311-3	6 boom insert	6
④	ZB-1311-4	9 boom insert	9
⑤	ZB-1311-5	Boom top	6.5

2. Boom guy cable (pendant) code

Table 3-5 boom guy cable (pendant) name and code

Code	Name	Length (m)
ZS1	Guy cable A1	2.76
ZS2	Guy cable A2	5.76
ZS3	Guy cable A3	8.76
ZS4	Guy cable A4	5.1
Z1	170guy cable (pendant)	0.17
Z2	240guy cable (pendant)	0.24

3. Boom top connection guy cable (pendant) composition (indicated as symbol LB in the following chapters):

Table 3-6 boom top connection guy cable (pendant) composition and code

Code	Name	Length (m)
LB1	410 guy cable (pendant) group (to boom head)	0.41
LB2	1060 pendant group	1.06
LCQ	Tension sensor	0.24

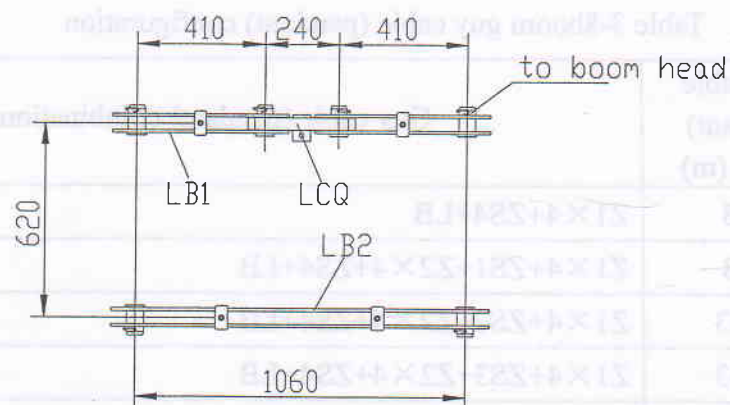


Fig.3-20boom guy cable (pendant) (LB) composition

3.09.2.2 Boom and guy cable (pendant) configuration

1. Boom and guy cable (pendant) configuration

Table 3-7boom configuration

Boom length (m)	Boom combination
13	①+⑤
16	①+②+⑤
19	①+③+⑤
22	①+④+⑤
25	①+②+④+⑤
28	①+③+④+⑤
31	①+④×2+⑤
34	①+②+④×2+⑤
37	①+③+④×2+⑤
40	①+③×3+④+⑤
43	①+③×2+④×2+⑤
46	①+②+③×2+④×2+⑤
49	①+③×3+④×2+⑤
52	①+②+③×3+④×2+⑤



Table 3-8 boom guy cable (pendant) configuration

Boom length (m)	Guy cable (pendant) length (m)	Guy cable (pendant) combination
13	6.33	$Z1 \times 4 + ZS4 + LB$
16	9.33	$Z1 \times 4 + ZS1 + Z2 \times 4 + ZS4 + LB$
19	12.33	$Z1 \times 4 + ZS2 + Z2 \times 4 + ZS4 + LB$
22	15.33	$Z1 \times 4 + ZS3 + Z2 \times 4 + ZS4 + LB$
25	18.33	$Z1 \times 4 + ZS1 + Z2 \times 4 + ZS3 + Z2 \times 4 + ZS4 + LB$
28	21.33	$Z1 \times 4 + ZS2 + Z2 \times 4 + ZS3 + Z2 \times 4 + ZS4 + LB$
31	24.33	$Z1 \times 4 + (ZS3 + Z2 \times 4) \times 2 + ZS4 + LB$
34	27.33	$Z1 \times 4 + ZS1 + Z2 \times 4 + (ZS3 + Z2 \times 4) \times 2 + ZS4 + LB$
37	30.33	$Z1 \times 4 + ZS2 + Z2 \times 4 + (ZS3 + Z2 \times 4) \times 2 + ZS4 + LB$
40	33.33	$Z1 \times 4 + (ZS2 + Z2 \times 4) \times 3 + ZS3 + Z2 \times 4 + ZS4 + LB$
43	36.33	$Z1 \times 4 + (ZS2 + Z2 \times 4) \times 2 + (ZS3 + Z2 \times 4) \times 2 + ZS4 + LB$
46	39.33	$Z1 \times 4 + ZS1 + Z2 \times 4 + (ZS2 + Z2 \times 4) \times 2 + (ZS3 + Z2 \times 4) \times 2 + ZS4 + LB$
49	42.33	$Z1 \times 4 + (ZS2 + Z2 \times 4) \times 3 + (ZS3 + Z2 \times 4) \times 2 + ZS4 + LB$
52	45.33	$Z1 \times 4 + ZS1 + Z2 \times 4 + (ZS2 + Z2 \times 4) \times 3 + (ZS3 + Z2 \times 4) \times 2 + ZS4 + LB$

Note: The boom insert assembly and connection must be strictly in accordance with the position and the sequence in the boom assembly planning diagram.



2. Boom and guy cable(pendant) configuration diagram

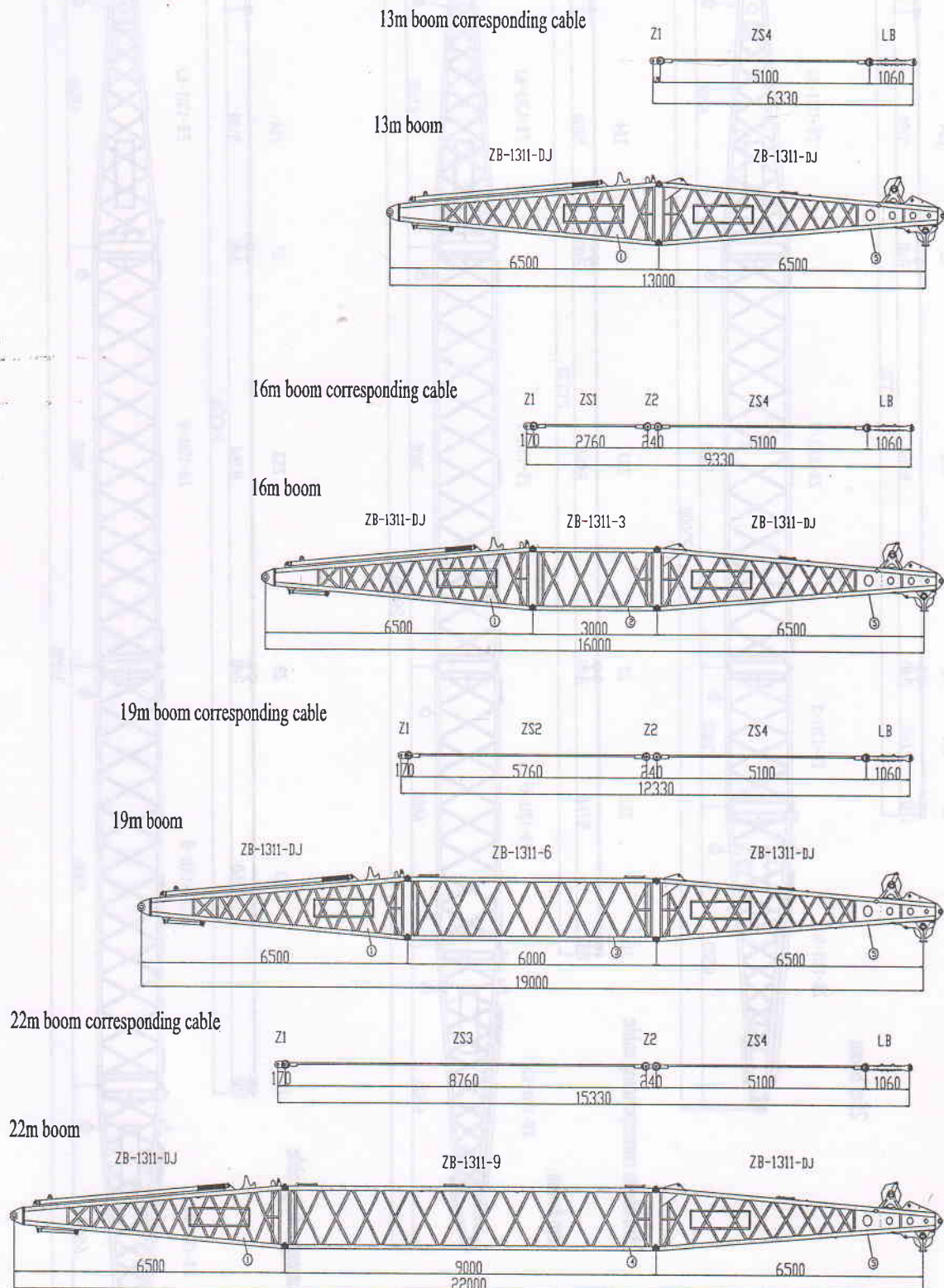


Fig.3-21a boom and guy cable (pendant) configuration diagram

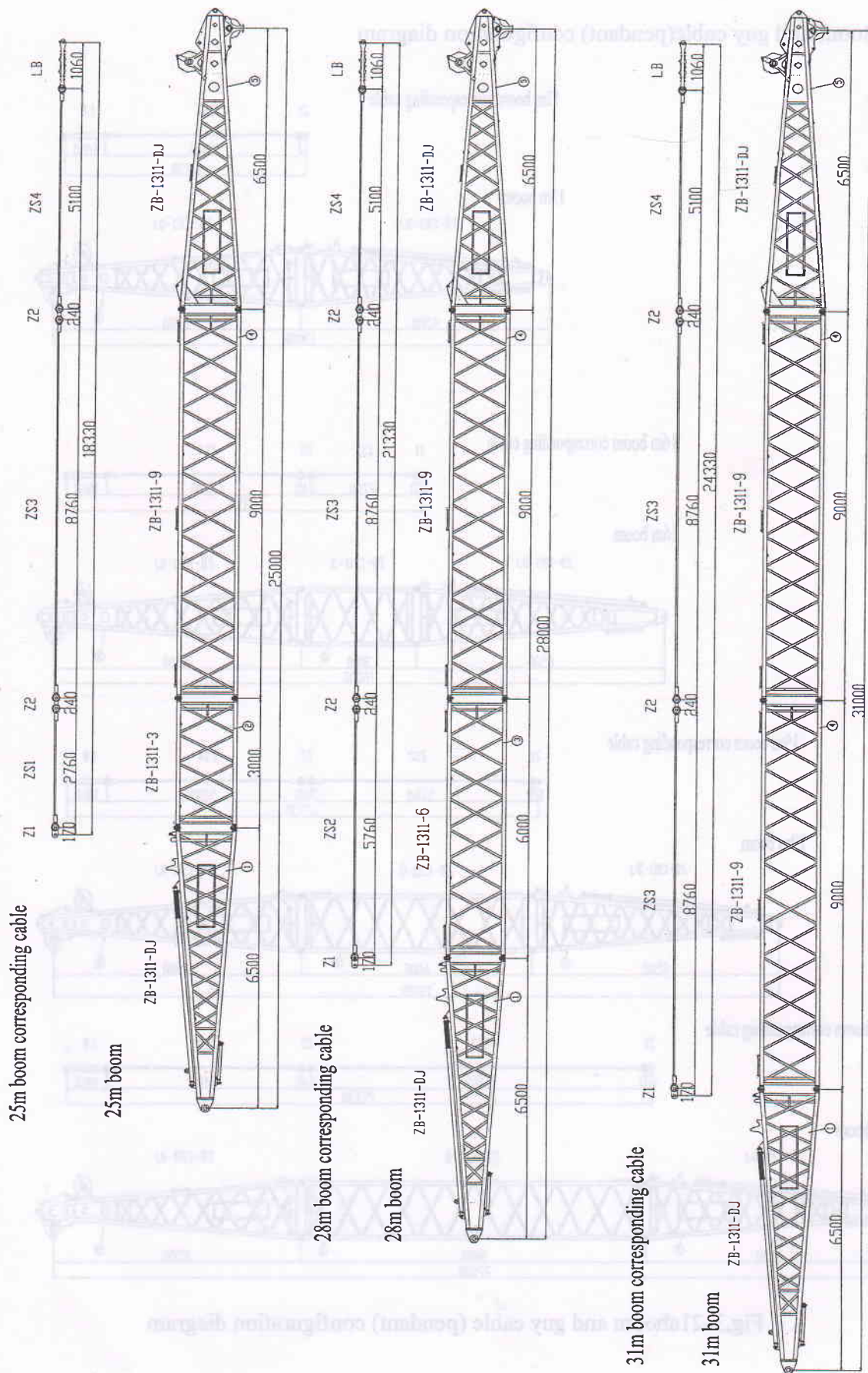


Fig.3-21b boom and guy cable (pendant) configuration diagram

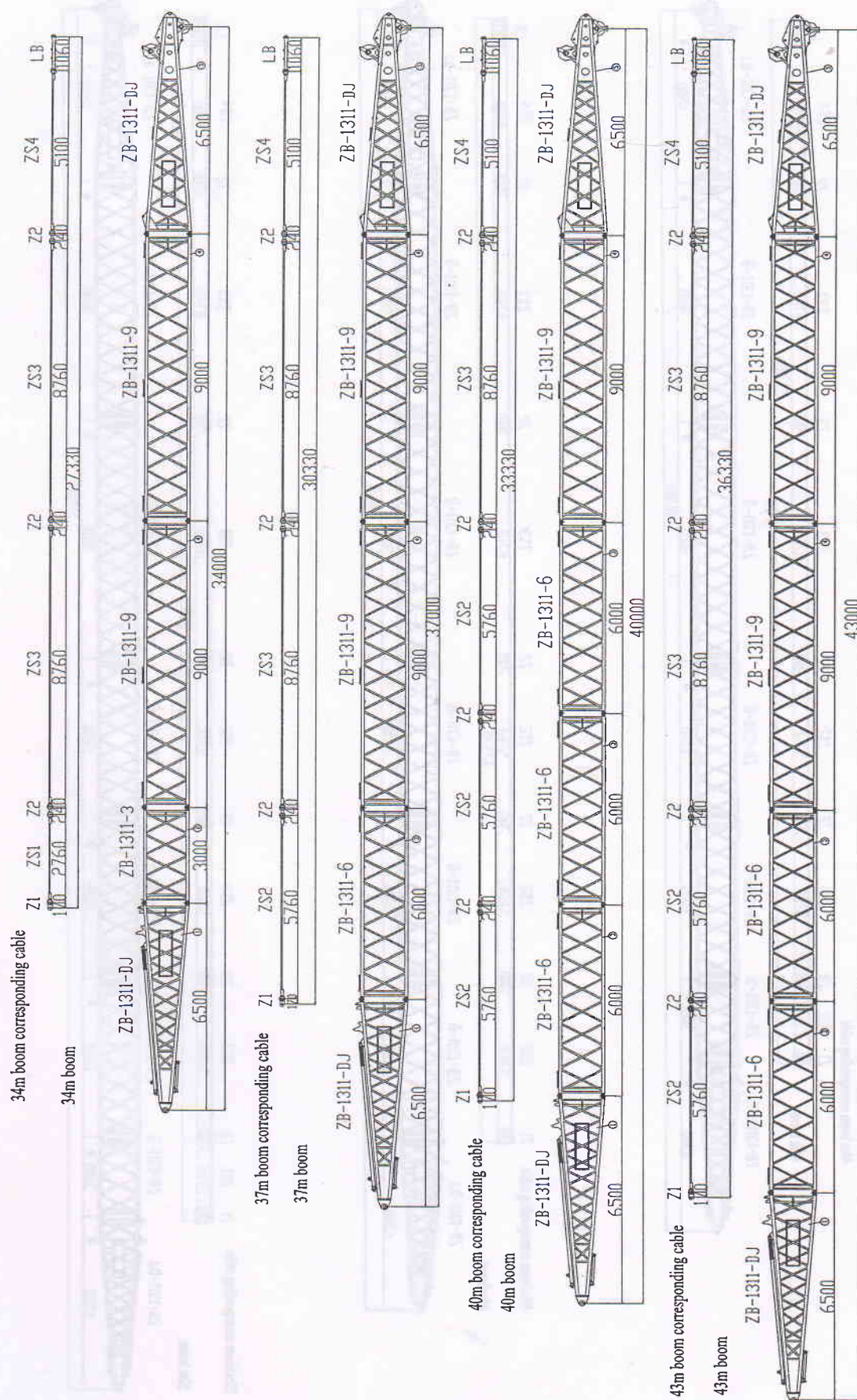


Fig.3-21c boom and guy cable (pendant) configuration diagram

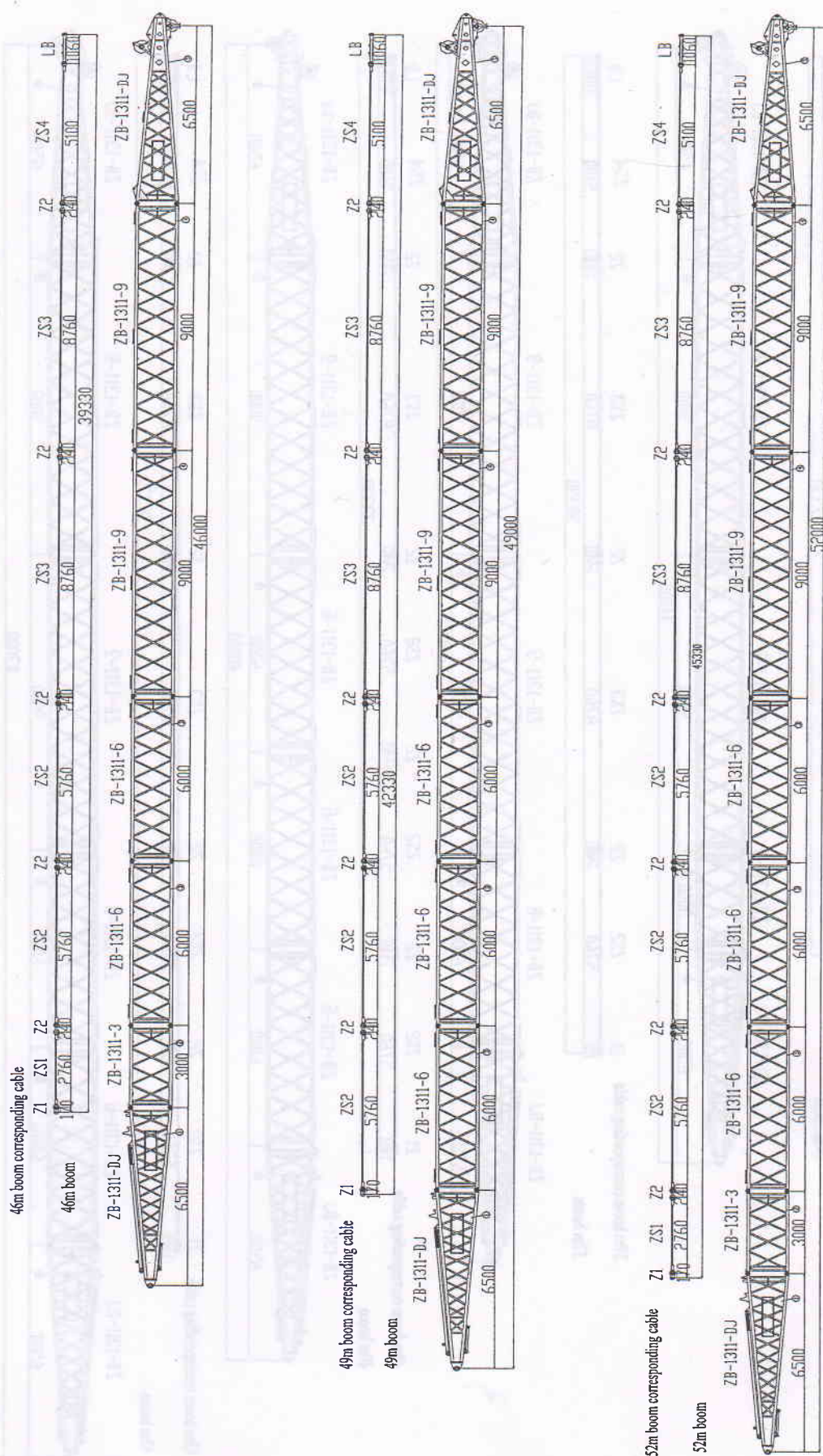


Fig.3-21d boom and guy cable (pendant) configuration diagram



6.02 Long distance site transfer

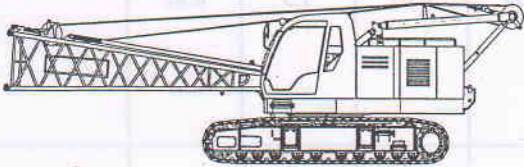
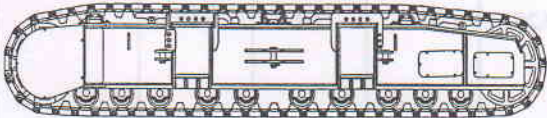
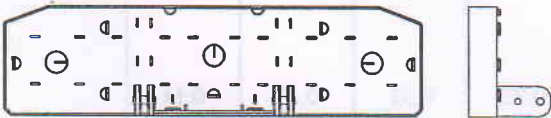
For a long distance transfer, the crane must be transported on a trailer. After loading the crane on a trailer, engage the swing lock pin and put wood block, bind the crane with wire rope to ensure stability while the trailer is in travel.

The whole vehicle (all parts) weighs 52.5t, see the following table for parts weight and dimension; guy cable and small parts list refers to Packing List.

For the fine difference in manufacture and the improvement of products, some of parts specification and weight may be different.

Warning: The instruction of assembly and dismantling in operation manual must be followed strictly during crane assembly and dismantling.

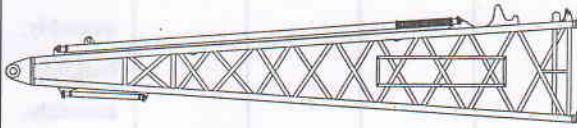
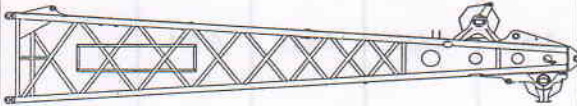
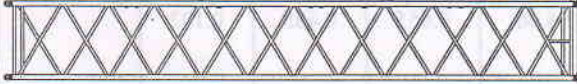
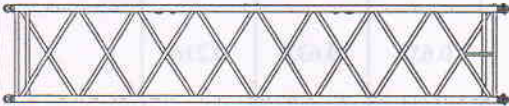
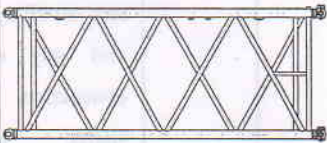
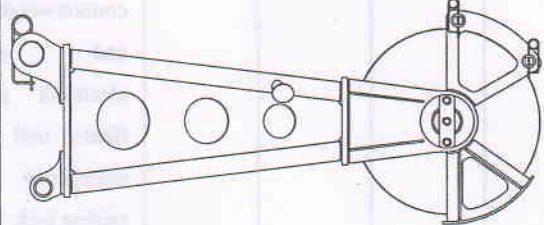
List 6-1 main part dimension and weight for transport

No.	component Name			Length (m)	Width (m)	Height (m)	Weight (t)	Note
1	Basic crane transport plan I	Quantity	1	12.04	3.45	3.36	28.6	including left and right crawler tracks, luffing pulley block, boom butt section and connecting bar, hydraulic oil about 400L, fuel oil about 50L.
								
2	Left crawler track	Quantity	1	5.73	0.86	0.96	6.51	use when transported without basic crane
								
3	Right crawler track	Quantity	1	5.73	0.86	0.96	6.51	use when transported without basic crane
								
4	Counterweight support	Quantity	1	3.36	1.0	0.84	4.3	
								

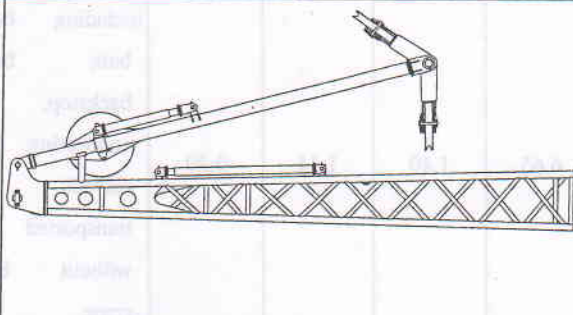
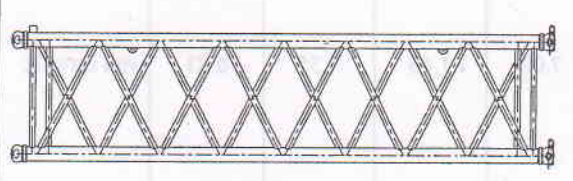
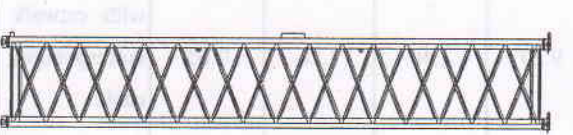
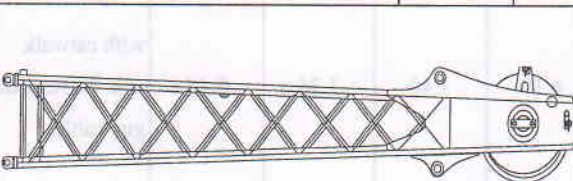
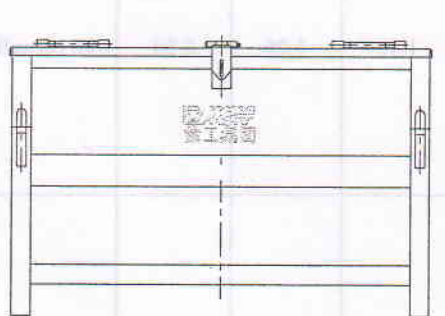


No.	Component Name	Length (m)	Width (m)	Height (m)	Weight (t)	Note
5	Left and right counterweight block	1.0	0.95	0.59	2.0	
	Quantity 4					
6	Central counterweight block	1.36	0.83	0.59	1.95	
	Quantity 2					
7	55t hook assembly	0.54	0.63	1.5	0.62	
	Quantity 1					
8	32t hook assembly	0.34	0.63	1.35	0.35	
	Quantity 1					
9	16t hook assembly	0.26	0.62	1.1	0.28	
	Quantity 1					
10	8t hook assembly	0.32	0.32	0.57	0.14	
	Quantity 1					



11	Boom 6.5m butt 	Quantity	1	6.65	1.40	1.44	0.89	including boom butt, boom backstop, connecting bar, catwalk, use transported without basic crane
12	Boom 6.5m top section 	Quantity	1	7.02	1.40	1.35	0.83	with catwalk
13	Boom 9m insert section 	Quantity	2	9.10	1.40	1.26	0.65	with catwalk and corresponding guy cable
14	Boom 6minsert section 	Quantity	1	6.10	1.40	1.26	0.45	with catwalk and corresponding guy cable
15	Boom 3minsert section 	Quantity	1	3.10	1.40	1.26	0.26	with catwalk
16	Boom single pulley assembly 	Quantity	1	1.40	0.625	0.562	0.093	
17	fixed jib butt section (including strut and front and back guy cable)	Quantity	1	4.105	0.70	1.653	0.5	Including fixed jib butt, fixed jib



						strut, front backstop bar assembly, rear backstop bar assembly, front base guy cable, rear base guy cable.
18	Fixed jib 3msection Quantity 1 	3.06	0.655	0.485	0.104	
19	Fixed jib 6m section Quantity 1 	6.06	0.655	0.485	0.192	
20	Fixed jib top section Quantity 1 	3.33	0.655	0.633	0.216	
21	Supply box Quantity 1 	1.10	1.10	0.7	1	including main and auxiliary jib and guy cable connection pin shafts, clips, connection pendants, wedge, counterweights and small electrical parts, filters, tool box, emergency bag, raising jack, lever bag, etc.



6.03 Transport planning

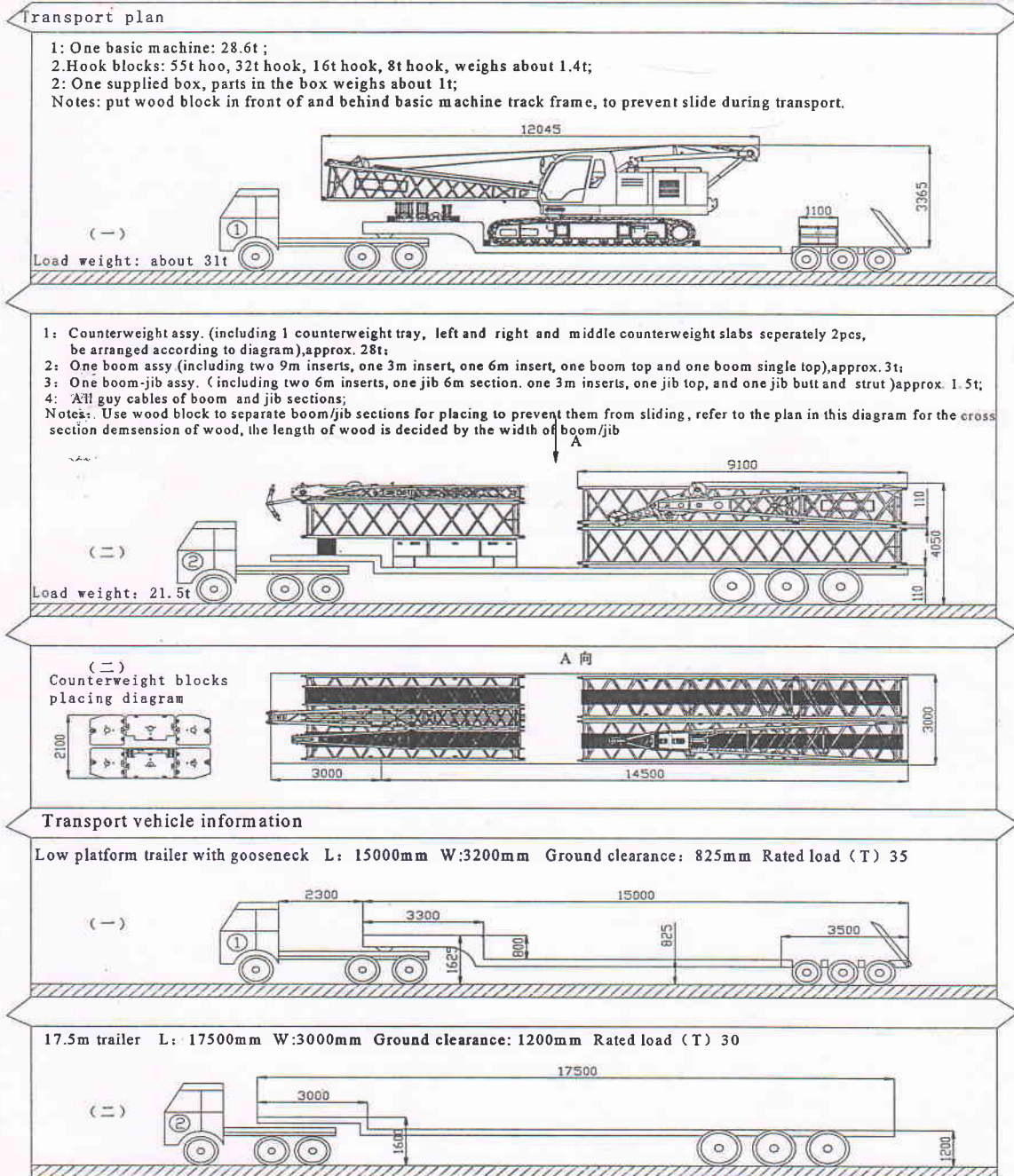


Fig.6-1 full working modes transport plan

Notes:

1. This plan only suits for full working modes transport, dimensions in the figure are only theoretical sizes, please take actual size as standard. This plan is only for reference!



Hook block is total 4 kinds for selection, customers can choose according to their flexible use, see the hook block configuration in Table 2-2.

Table 2-2: hook block configuration

Name	55t	32t	16t	8t
Weight (t)	0.62	0.35	0.28	0.14
Number of pulley	5	3	1	-
Max. parts of line	10	7	3	1

2.06 Optional parts and functions

2.06.1 Optional parts list is as the follows

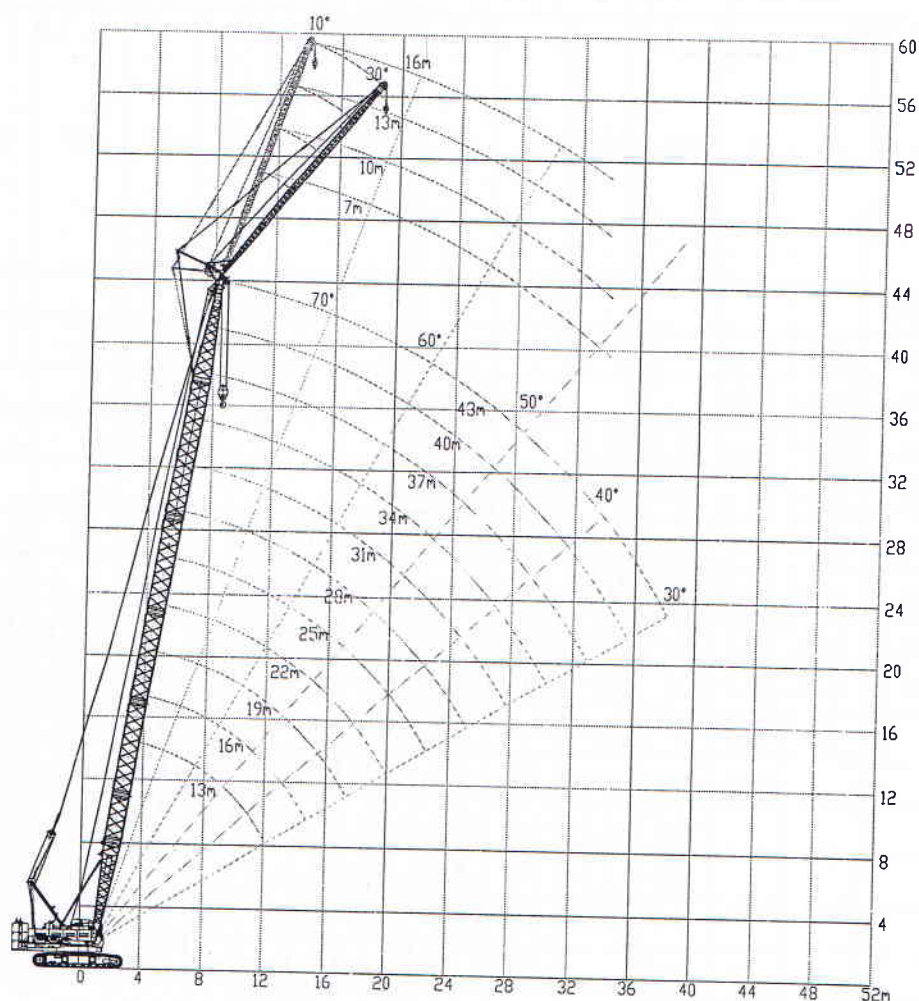
Table 2-3: optional parts list

Item	Domestic	Imported
Engine	Shangchai (Stage III)	Cummins U.S.A. (Tier 3)
Hydraulic components (pump, valve)	Domestic	Rexroth
Unit, motor (hoist,luffing, slewing, travel)	Domestic	Rexroth
Slewing ring	Ma'anshan Tongli	Rothe Erde

2.06.2 Optional functions (parts) list is as the follows

Table 2-4 optional functions (parts) list

No.	Items
1	Main winch quick-release function
2	Monitor system
3	Electronic level meter
4	Lightening protection device
5	Engine cold starting device
6	Boom catwalk
7	High hydraulic pressure bypass filtration system



Working range under fixed jib working condition

Fig.2-4 working range diagram

2.08 Lifting performance tables

Boom lifting performance table, Table 2-4.

Boom lifting performance table (with boom single top and hook block), Table 2-5.

Boom single top lifting performance table (boom with hook block), Table 2-6.

Boom lifting performance table (with fixed jib and hook block), Table 2-7.

Fixed jib lifting performance table, Table 2-8.

Fixed jib lifting performance table (with boom and hook block), Table 2-9.

Notes: From Table 2-4 to Table 2-9, bold font performances are those determined by structure strength, the remaining performances are determined by the stability of overall crane.



Table 2-5 boom lifting performance table (with boom single top and hook block)

(Unit: t)

Boom length (m) Working radius (m)	13	16	19	22	25	28	31	34	37	40	43	46	49	52
3.7	54.5													
4	49.1	44.7												
5	37.1	35.1	33.2											
6	28.9	28.2	26.9	25.8	24.7									
7	22.9	22.8	22.6	21.7	20.8	20	19.3							
8	18.9	18.8	18.7	18.6	18	17.3	16.7	16.1	15.6					
9	16	15.9	15.9	15.8	15.7	15.2	14.7	14.2	13.8	13.3	12.9			
10	13.8	13.7	13.7	13.6	13.5	13.4	13.1	12.6	12.3	11.9	11.5	11.1	10.8	
12	10.7	10.7	10.6	10.5	10.5	10.4	10.3	10.1	9.8	9.6	9.3	9	8.7	8.4
14		8.6	8.6	8.5	8.4	8.3	8.2	8.1	8	7.8	7.6	7.3	7	7
16			7.1	7	6.9	6.8	6.7	6.6	6.6	6.5	6.3	6	5.8	5.8
18				5.9	5.8	5.7	5.6	5.5	5.5	5.4	5.3	5.1	4.8	4.9
20				5	5	4.8	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.1
22					4.3	4.2	4.1	4	3.9	3.8	3.7	3.6	3.5	3.4
24						3.6	3.5	3.4	3.3	3.2	3.1	3	2.9	2.8
26							3	2.9	2.8	2.8	2.7	2.6	2.5	2.4
28								2.5	2.4	2.4	2.3	2.2	2.1	1.9
30								2.2	2.1	2	1.9	1.8	1.7	1.6
32									1.8	1.7	1.6	1.5	1.4	1.3
34										1.4	1.4	1.2	1.1	1
36											1.1	1	0.9	0.8
38											0.9	0.8	0.7	0.6
40												0.6	0.5	0.3



Table 2-7 boom lifting performance table (with fixed jib and hook block) (Unit: t)

Boom radius (m)	25m Boom length								28m Boom length							
	Jib length (m)								Jib length (m)							
	7		10		13		16		7		10		13		16	
	Jib offset angle (°)								Jib offset angle (°)							
	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30
6	23.6	23.4	23.3	23.1	23	22.8	22.6	22.4								
7	19.8	19.6	19.5	19.3	19.2	19	18.8	18.6	19	18.8	18.7	18.5	18.4	18.2	18	17.8
8	16.9	16.7	16.6	16.4	16.3	16.1	15.9	15.7	16.3	16.1	16	15.8	15.7	15.5	15.3	15.1
9	14.7	14.5	14.4	14.2	14.1	13.9	13.7	13.5	14.2	14	13.9	13.7	13.6	13.4	13.2	13
10	12.6	12.4	12.3	12.1	12	11.8	11.6	11.4	12.5	12.3	12.2	12	11.9	11.7	11.5	11.3
12	9.5	9.3	9.2	9	8.9	8.7	8.5	8.3	9.4	9.2	9.1	8.9	8.8	8.6	8.4	8.2
14	7.5	7.3	7.2	7	6.9	6.7	6.5	6.3	7.4	7.2	7.1	6.9	6.8	6.6	6.4	6.2
16	6	5.8	5.7	5.5	5.4	5.2	5	4.8	5.9	5.7	5.6	5.4	5.3	5.1	4.9	4.7
18	4.8	4.6	4.5	4.3	4.2	4	3.8	3.6	4.7	4.5	4.4	4.2	4.1	3.9	3.7	3.5
20	4	3.8	3.7	3.5	3.4	3.2	3	2.8	3.9	3.7	3.6	3.4	3.3	3.1	2.9	2.7
22	3.3	3.1	3	2.8	2.7	2.5	2.3	2.1	3.2	3	2.9	2.7	2.6	2.4	2.2	2
24									2.6	2.4	2.3	2.1	2	1.8	1.6	1.4



Table 2-7 boom lifting performance table (with fixed jib and hook block) (Unit: t)

Continued

Boom radius(m)	37m Boom length								40m Boom length							
	Jib length (m)								Jib length (m)							
	7		10		13		16		7		10		13		16	
	Jib offset angle (°)								Jib offset angle (°)							
	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30
8	14.6	14.4	14.3	14.1	14	13.8	13.6	13.4								
9	12.7	12.5	12.4	12.2	12.1	11.9	11.7	11.5	12.3	12.1	12	11.8	11.7	11.5	11.3	11.1
10	11.2	11	10.9	10.7	10.6	10.4	10.2	10	10.8	10.6	10.5	10.3	10.2	10	9.8	9.6
12	8.9	8.7	8.6	8.4	8.3	8.1	7.9	7.7	8.6	8.4	8.3	8.1	8	7.8	7.6	7.4
14	7.1	6.9	6.8	6.6	6.5	6.3	6.1	5.9	6.9	6.7	6.6	6.4	6.3	6.1	5.9	5.7
16	5.6	5.4	5.3	5.1	5	4.8	4.6	4.4	5.5	5.3	5.2	5	4.9	4.7	4.5	4.3
18	4.5	4.3	4.2	4	3.9	3.7	3.5	3.3	4.4	4.2	4.1	3.9	3.8	3.6	3.4	3.2
20	3.6	3.4	3.3	3.1	3	2.8	2.6	2.4	3.5	3.3	3.2	3	2.9	2.7	2.5	2.3
22	2.9	2.7	2.6	2.4	2.3	2.1	1.9	1.7	2.8	2.6	2.5	2.3	2.2	2	1.8	1.6
24	2.3	2.1	2	1.8	1.7	1.5	1.3	1.1	2.2	2	1.9	1.7	1.6	1.4	1.2	1
26	1.8	1.6	1.5	1.3	1.2	1			1.8	1.6	1.5	1.3	1.2	1		
28	1.4	1.2	1.1						1.4	1.2						

Table 2-7 boom lifting performance table (with fixed jib and hook block) (Unit: t)

Continued

Boom radius (m)	43m Boom length							
	Jib length (m)							
	7		10		13		16	
	Jib offset angle (°)							
	10	30	10	30	10	30	10	30
9	11.9	12	11.6	11.4	11.3	11.1	11	10.7
10	10.5	10	10.2	10	9.9	9.7	9.5	9.3
12	8.3	8.1	8	7.8	7.7	7.5	7.3	7.1
14	6.6	6.4	6.3	6.1	6	5.8	5.6	5.4
16	5.3	5.1	5	4.8	4.7	4.5	4.3	4.1
18	4.3	4.1	4	3.8	3.7	3.5	3.3	3.1
20	3.4	3.2	3.1	2.9	2.8	2.6	2.4	2.2
22	2.7	2.5	2.4	2.2	2.1	1.9	1.7	1.5
24	2.2	2	1.9	1.7	1.6	1.4	1.2	1
26	1.7	1.5	1.4	1.2				
28	1.3	1.1						



Table 2-8 fixed jib lifting performance table (Unit: t) Continued

Boom length (m)	31								34							
Jib length (m)	7		10		13		16		7		10		13		16	
Jib angle (°)																
Working radius (m)	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30
11	11.4	9.7							11.1							
12	10.4	9.5							10.1	9.5						
13	9.5	9.4	8.6	6.3					9.2	9.4	6					
14	8.6	8.8	8.4	6.2					8.4	8.7	6	6				
15	7.8	8	7.9	6.1	6	4.8			7.6	7.9	6	6	6			
16	7.1	7.3	7.2	6	6	4.7	5.1		7	7.2	6	6	6	4.7		
18	5.9	6.1	6	5.9	6	4.6	4.6	3.5	5.8	6	5.9	5.9	6	4.6	4.6	3.5
20	5.1	5.2	5.1	5.4	5.2	4.4	4.4	3.3	5	5.1	5	5.3	5.1	4.5	4.4	3.4
22	4.4	4.5	4.4	4.6	4.5	4.3	4.2	3.2	4.3	4.4	4.3	4.5	4.4	4.4	4.3	3.2
24	3.8	3.9	3.9	4	3.9	4.1	3.9	3.1	3.7	3.8	3.7	3.9	3.8	4.1	3.8	3.1
26	3.3	3.4	3.4	3.5	3.4	3.6	3.4	3	3.2	3.3	3.3	3.4	3.3	3.5	3.3	3
28	2.9	3	3	3.1	3	3.2	3	2.9	2.8	2.9	2.8	3	2.9	3.1	2.9	2.9
30	2.5	2.6	2.6	2.7	2.7	2.8	2.7	2.8	2.4	2.5	2.5	2.6	2.5	2.7	2.6	2.8
32	2.2	2.3	2.3	2.4	2.3	2.5	2.4	2.5	2.1	2.2	2.2	2.3	2.2	2.4	2.2	2.4
34	2	2	2	2.1	2.1	2.2	2.1	2.2	1.9	1.9	1.9	2	2	2.1	2	2.1



Table 2-8 fixed jib lifting performance table (Unit: t) Continued

Boom length (m)	43							
Jib length (m)	7		10		13		16	
Jib angle (°)	10	30	10	30	10	30	10	30
Working radius (m)								
13	6	6						
14	6	6						
15	6	6	6	6				
16	6	6	6	6				
18	5.4	5.6	5.6	5.9	5.6	4.6	4.7	
20	4.6	4.8	4.8	5.1	4.8	4.5	4.5	3.4
22	4	4.2	4.1	4.3	4.1	4.4	4.1	3.3
24	3.4	3.6	3.5	3.7	3.5	3.8	3.6	3.2
26	2.9	3.1	3	3.2	3	3.3	3.1	3.1
28	2.5	2.6	2.6	2.7	2.6	2.9	2.6	3
30	2.1	2.3	2.2	2.4	2.3	2.5	2.3	2.6
32	1.8	1.9	1.9	2	1.9	2.1	2	2.2
34	1.6	1.6	1.6	1.7	1.7	1.8	1.7	1.9



Table 2-9 fixed jib lifting performance table (with boom and hook block)
(Unit: t) Continued

Boom length (m)	31								34							
	7		10		13		16		7		10		13		16	
Jib length (m)																
Jib angle (°)																
Working radius (m)	10	30	10	30	10	30	10	30	10	30	10	30	10	30	10	30
11	10.4	8.7							10.1							
12	9.4	8.5							9.1	8.5						
13	8.5	8.4	7.6	5.3					8.2	8.4	5					
14	7.6	7.8	7.4	5.2					7.4	7.7	5	5				
15	6.8	7	6.9	5.1	5	3.8			6.6	6.9	5	5	5			
16	6.1	6.3	6.2	5	5	3.7	4.1		6	6.2	5	5	5	3.7		
18	4.9	5.1	5	4.9	5	3.6	3.6	2.5	4.8	5	4.9	4.9	5	3.6	3.6	2.5
20	4.1	4.2	4.1	4.4	4.2	3.4	3.4	2.3	4	4.1	4	4.3	4.1	3.5	3.4	2.4
22	3.4	3.5	3.4	3.6	3.5	3.3	3.2	2.2	3.3	3.4	3.3	3.5	3.4	3.4	3.3	2.2
24	2.8	2.9	2.9	3	2.9	3.1	2.9	2.1	2.7	2.8	2.7	2.9	2.8	3.1	2.8	2.1
26	2.3	2.4	2.4	2.5	2.4	2.6	2.4	2	2.2	2.3	2.3	2.4	2.3	2.5	2.3	2
28	1.9	2	2	2.1	2	2.2	2	1.9	1.8	1.9	1.8	2	1.9	2.1	1.9	1.9
30	1.5	1.6	1.6	1.7	1.7	1.8	1.7	1.8	1.4	1.5	1.5	1.6	1.5	1.7	1.6	1.8
32	1.2	1.3	1.3	1.4	1.3	1.5	1.4	1.5	1.1	1.2	1.2	1.3	1.2	1.4	1.2	1.4
34	1	1	1	1.1	1.1	1.2	1.1	1.2	0.9	0.9	0.9	1	1	1.1	1	1.1



Table 2-9 fixed jib lifting performance table (with boom and hook block)
(Unit: t) Continued

Boom length (m)	43							
Jib length (m)	7		10		13		16	
Jib angle (°)	10	30	10	30	10	30	10	30
Working radius (m)								
13	5	5						
14	5	5						
15	5	5	5	5				
16	5	5	5	5				
18	4.4	4.6	4.6	4.9	4.6	3.6	3.7	
20	3.6	3.8	3.8	4.1	3.8	3.5	3.5	2.4
22	3	3.2	3.1	3.3	3.1	3.4	3.1	2.3
24	2.4	2.6	2.5	2.7	2.5	2.8	2.6	2.2
26	1.9	2.1	2	2.2	2	2.3	2.1	2.1
28	1.5	1.6	1.6	1.7	1.6	1.9	1.6	2
30	1.1	1.3	1.2	1.4	1.3	1.5	1.3	1.6
32	0.8	0.9	0.9	1	0.9	1.1	1	1.2
34	0.6	0.6	0.6	0.7	0.7	0.8	0.7	0.9