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Crawler Crane

XLC18000M

 1300t

 199.5m

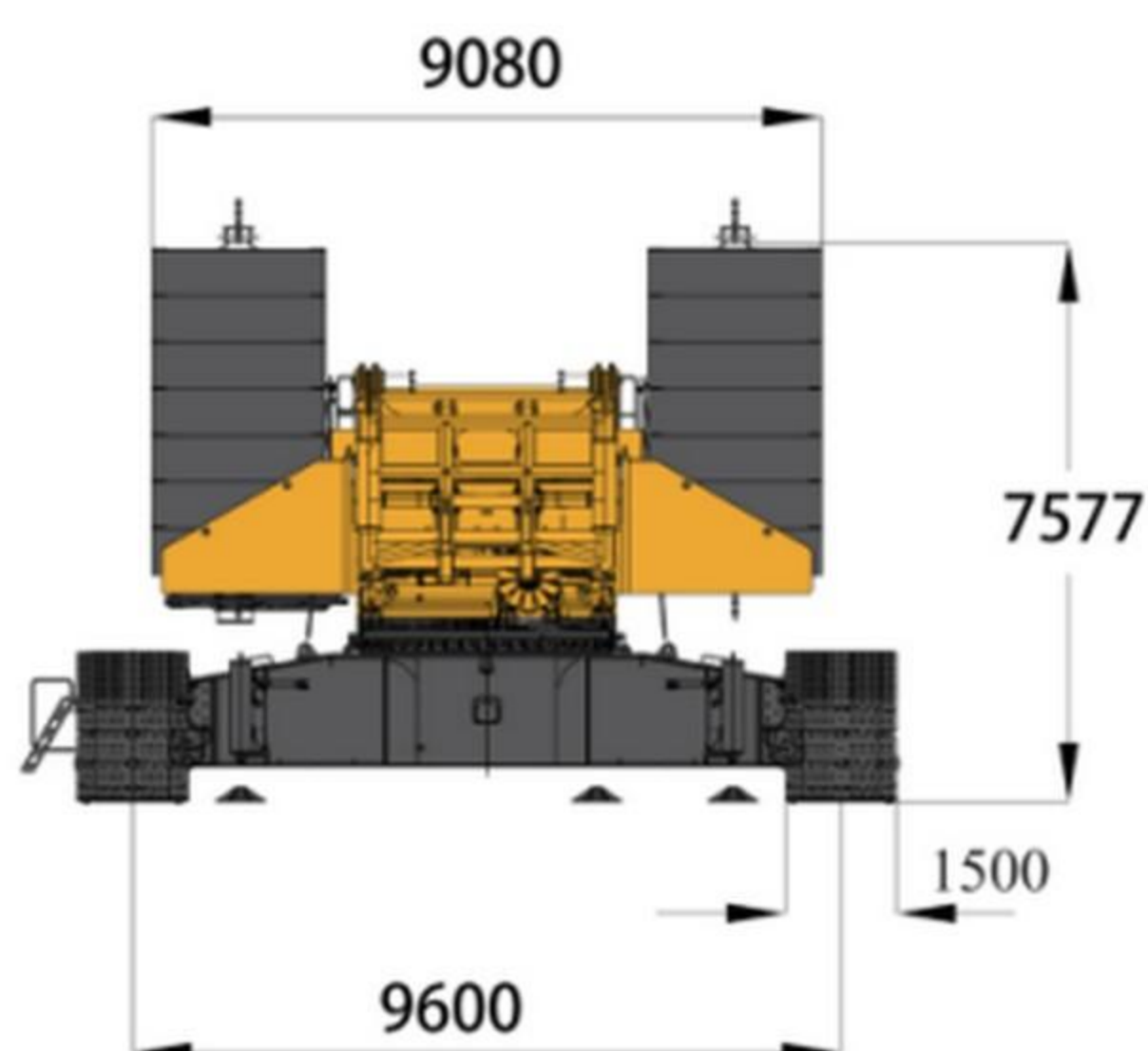
 206m



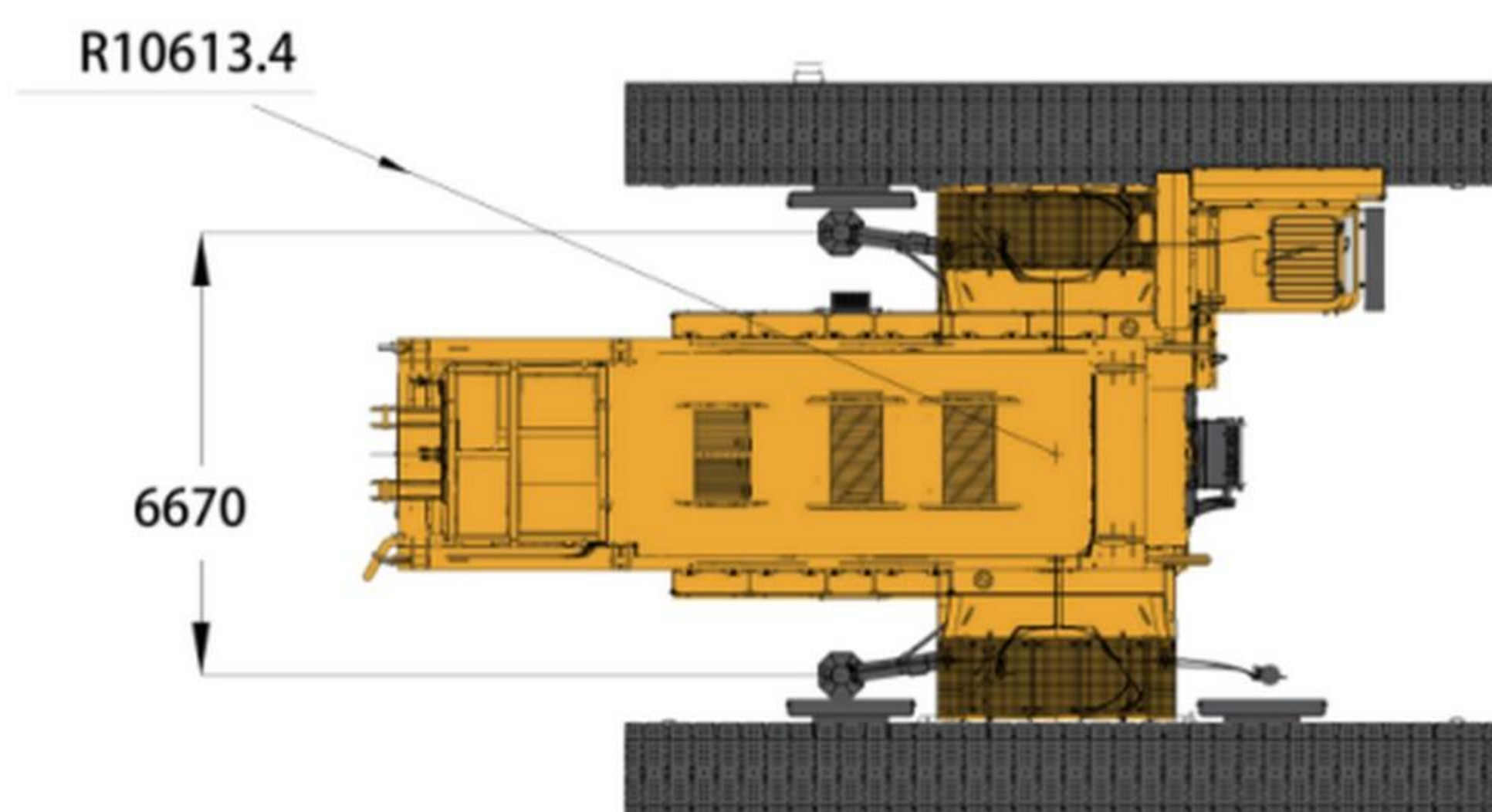
V.2_2026

Dimensional Parameters





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Technical Specifications



Engine

- Brand/model: WP17TG770E304
- Emission standard: Complying with off-road Stage III emission standards
- Rated power: 566kW
- Rated speed: 1,900rpm
- Displacement: 16.6L



Hydraulic system

- Main pump: It is equipped with the open/closed electro-proportional pilot variable pump control system for stable operation and precise speed adjustment.
- Gear pump: The closed pump control system is adopted for slewing, and a dedicated slewing buffer valve is equipped for smooth and shock-free transmission.
- Motor: The variable displacement motor + variable pump control system are adopted for main/auxiliary hoisting and propelling mechanisms with a wide speed range, enabling precise motion speed control and excellent micro-movement capability.
- System monitoring/diagnostics: The exhaust and pressure-measuring joint is provided at the hydraulic system feature point to facilitate the operating state monitoring and failure diagnosis of the system, enhancing product usability, maintenance and serviceability.
- Hydraulic oil tank capacity: 1500L

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Control system

- Control system: PLC program control is used to realize pilot control of the hydraulic system, moment limitation, height limitation and other functions, ensuring the safe and reliable operation of the crane.
- Operation: An electro-hydraulic proportional control technology is used for all motions. PLC logic control effectively ensures the realization of all functions of the main machine and fully reflects the people-oriented design concept.



Body frame

- Composition: It is comprised of the frame, turntable, track frame, etc. All components are made of high-strength steel plates and of a box-type structure. Cross panels are arranged in the middle to enhance torsional stiffness, resulting in a simple structure with high load-bearing capacity and excellent rigidity.



Cab

- Appearance: A steel frame structure is used for the cab, with tempered sandwich glass on the front side that provides excellent sound insulation, high light transmittance and a broad field of view.
- Comfort: The control system is designed in accordance with ergonomic principles. The cab features low noise levels and is equipped with control devices, detection instruments, fire extinguishers and a closed-circuit monitoring system. It is also furnished with sun screens, heating and cooling air conditioners as well as audio equipment, ensuring a comfortable operating environment.
- The tilting angle can be adjusted in the driver's cab, expanding field of view and facilitating operation. During transportation, the operator's cab can be rotated from the side to the front, reducing transport width.



Slewing system

- Slewing drive: Positioned directly at the front of the turntable, it consists of two planetary reducers, meshing externally with the slewing bearing. The eccentric mechanisms ensure better meshing between the reducers and the slewing bearing for smooth slewing operation.
- Slewing brake: The planetary reducer is equipped with a disc brake, featuring reliable operation and convenient maintenance.



Hoisting mechanism

- There are two main winch systems of the same model, driven independently, with the two hoists operable synchronously. The hoists are fitted with disc normally-closed brakes, built-in speed reducers and variable displacement motor drive, ensuring high safety and reliability. The two main winch systems are supported by box-type brackets and connected to the turntable via pin shafts for easy assembly. The winch systems of this crane feature convenient oil change, low noise, high efficiency, long service life and good fine speed performance.

Specification	Main hoisting mechanism
Wire rope diameter	32 mm
Wire rope length	1600 m
Rated single-rope pulling force	23.5 t



Luffing system

- The boom luffing system adopts a double drum independent drive and is mounted on the middle-rear part of the turntable via pin shafts. It is equipped with a built-in speed reducer and disc normally-closed brakes. A ratchet locking device is fitted on the drum to achieve mechanical braking, ensuring high safety and reliability.

Specification	Main luffing mechanism
Wire rope diameter	32 mm
Outermost working layer rope speed	0~2×60 m/min



Track

- Track frame: A box-type structure is used for the track beam. The connection area with the frame is locally reinforced, and diaphragms are arranged in the middle.
- Drive system: It is driven by a variable motor coupled with a built-in planetary reducer. Synchronous or independent operation is available to achieve straight travel and steering.
- Track shoe: With a width of 1.5m, it is made of high-strength cast alloy steel.



Counterweight

- Car-body counterweight: A total of 80t, composed of 4×20t counterweight slabs;
- Turntable counterweight: A total of 230t, symmetrically arranged on both sides of the turntable, composed of 2×10t turntable counterweight boxes and 14×15t counterweight slabs.
- Super lift counterweight: A total of 515t, composed of 1×35t super lift counterweight tray, 15t×24 + 10t×8 + 20t×2 super lift counterweight blocks.

3 Lifting hook

- There are 4 types of hooks available, with specific parameters as follows:

Name	Dead weight	Number of sheaves
1350t hook	46t	2×18
1000t hook	24t	4×6
500t hook	12t	2×6
300t hook	7.64 (14.5) t	2×3

Safety device

- Safety devices include: load moment indicator system, main hoisting overhoisting protection device, main hoisting overlowering protection device, boom luffing ratchet pawl device, super lift luffing overlowering protection device, super lift luffing ratchet pawl device, luffing jib luffing ratchet pawl device, jib angle limit device, boom and jib anti-tipping system, super lift anti-tipping system, closed circuit monitoring system, height mark lamp, electronic level gauge, lightning protection system, buzzers and beacon lights, functional interlock, emergency functions, fault self-diagnostic system with black box function, power-off protection, etc.

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Main Technical Parameters

Item			Unit	Parameters
Maximum rated lifting load	Standard operation mode	Heavy-duty main boom	t	1069
		Independent jib head	t	385
	Super lift operation mode	Heavy-duty main boom	t	1300
		Independent jib head	t	385
		Luffing jib	t	500
Maximum load moment			t·m	18200
Speed parameters	Maximum single line speed of winch system (no load, 11th layer)		m/min	162
	Maximum single line speed of super lift boom luffing system (on load, 9th layer)		m/min	153
	Maximum single line speed of boom luffing system (no load, 7th layer)		m/min	2×60
	Maximum slewing speed		r/min	0.9
	Maximum travel speed		km/h	1
Gradeability			%	15
Average ground pressure			MPa	0.22
Overall crane weight (base boom, 1250t hook)			t	680

Operation Mode and Lifting Performance



Standard OM independent jib head
HETB-8-M18

Boom: 90~147m (optional 150m)
Jib: 8m

Super lift OM independent jib head
SHETB-8

Boom: 90~195m (optional 198m)
Jib: 8m

Operation Mode and Lifting Performance



Standard light-duty main boom
LB-M18

Super lift OM light-duty main boom
SLB

Boom: 91.5~145.5m

Boom: 91.5~196.5m (optional 199.5m)

Operation Mode and Lifting Performance



Standard heavy-duty main boom
HB-M18

Boom: 48~114m

Super lift OM heavy-duty main boom
SHB

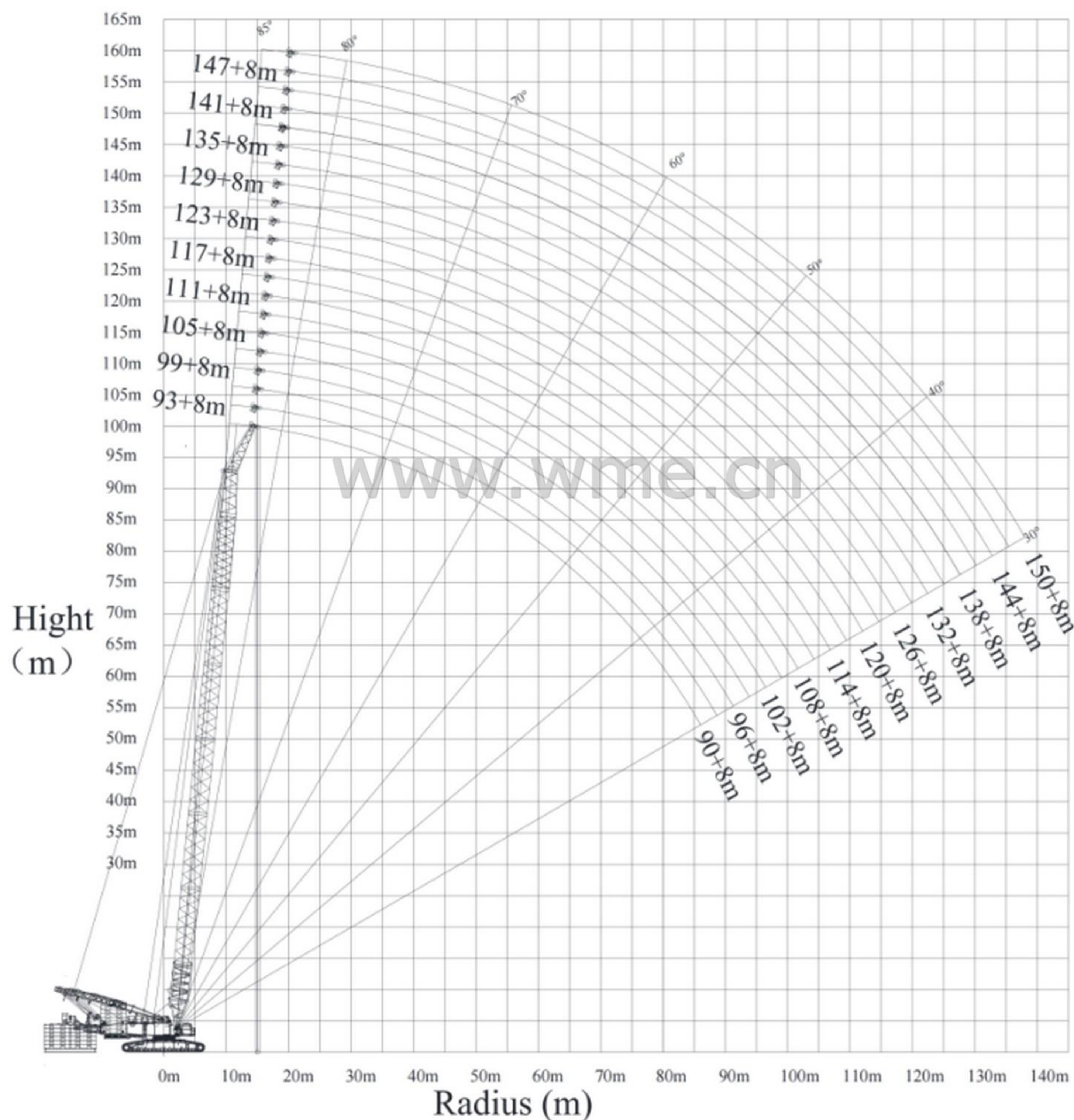
Boom: 48~114m (optional 126m)

Super lift luffing jib
configuration SHW

Boom: 60~108m
Tower jib: 13.5~103.5m

HETB-8-M18

Standard OM independent jib head



HETB-8-M18

Main boom frame combination

Boom length Boom frame combination code*	①	②	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲
90m	1	1	1	1		1		1					1	1	1
93m	1	1	1	1		1		1	1				1	1	1
96m	1	1	1	1		1		1		1			1	1	1
99m	1	1	1	1		1		1	1	1			1	1	1
102m	1	1	1	1	1	1		1					1	1	1
105m	1	1	1	1	1	1		1	1				1	1	1
108m	1	1	1	1	1	1		1		1			1	1	1
111m	1	1	1	1	1	1		1	1	1			1	1	1
114m	1	1	1	1	1	1	1	1					1	1	1
117m	1	1	1	1	1	1	1	1	1				1	1	1
120m	1	1	1	1	1	1	1	1		1			1	1	1
123m	1	1	1	1	1	1	1	1	1	1			1	1	1
*126m	1	1	1	1	1	1	1	1※			1		1	1	1
*129m	1	1	1	1	1	1	1	1※	1		1		1	1	1
*132m	1	1	1	1	1	1	1	1※		1	1		1	1	1
*135m	1	1	1	1	1	1	1	1※	1	1	1		1	1	1
*138m	1	1	1	1	1	1	1	1※			1	1	1	1	1
*141m	1	1	1	1	1	1	1	1※	1		1	1	1	1	1
*144m	1	1	1	1	1	1	1	1※		1	1	1	1	1	1
*147m	1	1	1	1	1	1	1	1※	1	1	1	1	1	1	1
*150m	1	1	1	1	1	1	1	1※			1	2	1	1	1

Note: ** indicates that a center hitch is required for that boom length. Refer to the center hitch configuration table in the manual for specific pendant rope lengths. *※* indicates the center hitch connection position. Refer to the main boom configuration drawing in the manual for the specific position.

Boom length	8 m
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Note: For detailed product usage, refer to the Operation Instruction.

HETB-8-M18

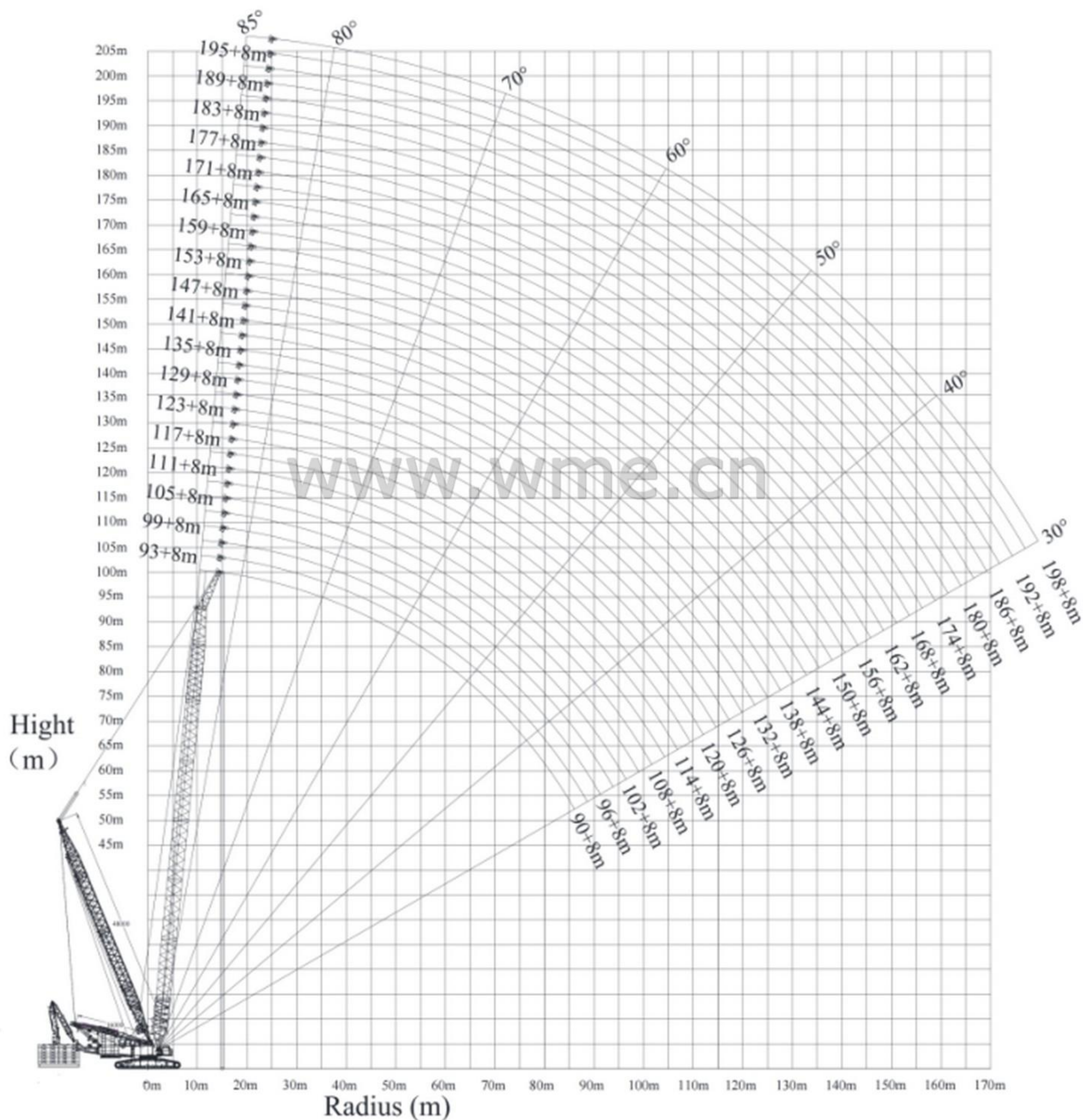
Boom: 90~150m; Jib: 8m



	90	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147	150
15	385	385																			
16	385	380	379	378	379	377															
17	377	376	375	374	375	374	372	371	368												
18	373	372	371	371	372	370	369	368	366	363	360	353	349								
19	369	369	368	367	368	367	366	364	363	360	358	352	341	329	313	298	284				
20	365	365	364	363	365	364	363	361	361	358	347	338	333	327	311	296	281	269	258	247	
21	362	361	361	360	361	360	359	358	358	347	339	331	326	318	308	293	278	266	255	244	229
22	358	358	357	357	358	357	356	356	348	339	332	323	319	311	306	290	275	264	252	241	227
23	355	354	354	354	355	354	354	353	340	332	324	316	312	305	303	288	273	261	249	238	225
24	351	351	351	351	352	351	351	341	332	324	317	310	305	298	292	286	270	258	247	236	223
25	348	348	348	348	349	349	341	333	325	317	310	303	299	292	286	283	268	256	244	233	222
26	345	345	345	345	346	346	333	326	318	311	304	297	293	286	281	275	265	253	242	230	220
28	339	339	339	331	328	325	319	312	305	298	291	285	281	275	270	264	260	249	237	225	214
30	313	310	309	306	303	301	299	297	292	285	280	273	270	264	259	254	250	244	232	221	209
32	291	288	287	285	281	279	278	276	273	271	269	263	260	254	249	244	241	240	227	216	204
34	270	269	267	265	262	260	259	257	254	252	251	249	250	244	240	235	232	227	223	211	199
36	251	250	250	248	245	243	242	240	237	235	234	232	233	231	230	226	224	219	218	207	195
38	235	234	233	232	229	227	226	224	222	220	219	217	218	216	215	213	213	211	208	203	191
40	220	219	218	217	215	214	212	210	208	207	205	204	204	202	201	199	199	198	196	195	187
44	195	193	193	191	189	188	188	186	185	183	182	180	180	179	178	176	176	174	173	171	172
48	173	172	172	170	168	167	167	165	164	163	162	160	161	159	158	156	156	155	154	152	152
52	156	155	154	153	151	149	149	148	146	145	144	143	144	142	141	139	139	138	137	135	135
56	141	139	139	138	136	134	134	133	131	130	129	128	129	127	126	125	125	123	122	121	121
60	128	126	126	125	123	121	121	120	118	117	116	115	116	114	113	112	112	111	110	108	108
64	116	115	115	113	111	110	110	108	107	106	105	104	105	103	102	101	101	99	98	97	97
68	106	105	105	103	101	100	100	98	97	96	95	94	95	93	92	91	91	89	89	87	87
72	97	96	96	94	92	91	91	89	88	87	86	85	86	84	83	82	82	81	80	78	79
76	89	88	88	86	84	83	83	82	80	79	78	77	78	76	75	74	74	73	72	70	71
80	82	81	80	79	77	76	76	74	73	72	71	70	70	69	68	66	67	65	64	63	63
84	75	74	74	73	71	70	69	68	67	65	65	63	64	62	61	60	60	59	58	56	57
88												57	57	56	55	54	54	53	52	50	51
92												51	52	50	50	48	49	47	46	45	45

SHETB-8

Super lift OM independent jib head



SHETB-8

Main boom frame combination

Boom frame combination code*	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Boom length	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
90m	1	1	1	1						1		1	1				1	1	1
93m	1	1	1	1						1		1					1	1	1
96m	1	1	1	1						1		1	1	1			1	1	1
99m	1	1	1	1						1		1		1			1	1	1
102m	1	1	1	1	1					1		1	1				1	1	1
105m	1	1	1	1	1					1		1					1	1	1
108m	1	1	1	1	1					1		1	1	1			1	1	1
111m	1	1	1	1	1					1		1		1			1	1	1
114m	1	1	1	1	1	1				1		1	1				1	1	1
117m	1	1	1	1	1	1				1		1					1	1	1
120m	1	1	1	1	1	1				1		1	1	1			1	1	1
123m	1	1	1	1	1	1				1		1		1			1	1	1
126m	1	1	1	1	1	1	1			1		1	1				1	1	1
*129m	1	1	1	1	1	1		1		1		1					1	1	1
*132m	1	1	1	1	1	1		1		1		1	1	1			1	1	1
*135m	1	1	1	1	1	1		1		1		1		1			1	1	1
*138m	1	1	1	1	1	1	1	1		1		1	1				1	1	1
*141m	1	1	1	1	1	1	1	1		1		1					1	1	1
*144m	1	1	1	1	1	1	1	1		1		1	1	1			1	1	1
*147m	1	1	1	1	1	1	1	1		1		1		1			1	1	1
*150m	1	1	1	1	1	1	1	1	1	1		1	1				1	1	1
*153m	1	1	1	1	1	1	1	1	1	1		1					1	1	1
*156m	1	1	1	1	1	1	1	1	1	1		1	1	1			1	1	1
*159m	1	1	1	1	1	1	1	1	1	1	1	1		1			1	1	1
*162m	1	1	1	1	1	1	1	1	1	1	1	1					1	1	1
*165m	1	1	1	1	1	1	1	1	1	1	1	1	1				1	1	1
*168m	1	1	1	1	1	1	1	1	1	1	1	1		1			1	1	1
*171m	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1
*174m	1	1	1	1	1	1	1	1	1	1	1	1			1		1	1	1
*177m	1	1	1	1	1	1	1	1	1	1	1	1	1		1		1	1	1
*180m	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1	1	1
*183m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1
*186m	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1
*189m	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1
*192m	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1
*195m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
*198m	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1

Note: "*" indicates that a center hitch is required for that boom length. Refer to the center hitch configuration table in the manual for specific pendant rope lengths.

Jib

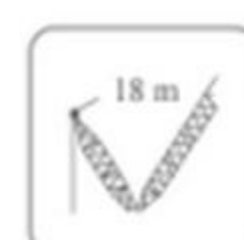
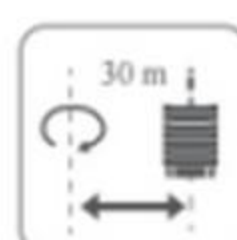
Boom length

8 m

Note: For detailed product usage, refer to the Operation Instruction.

SHETB-8

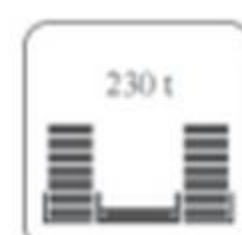
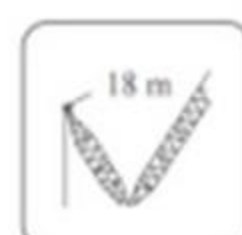
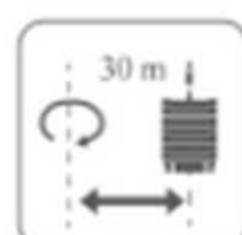
Boom: 90~144m; Jib: 8m



	90	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144
15	385	385																	
16	385	385	385	385	385	385													
17	385	385	385	385	385	385	385	385	385										
18	385	385	385	385	385	385	385	385	385	385	385	385	385						
19	383	384	385	385	385	385	385	385	385	385	385	385	385	385	385	385	385		
20	379	380	381	382	384	385	385	385	385	385	385	385	385	385	385	385	385	385	380
21	375	376	377	379	381	381	382	383	385	385	385	385	385	384	385	385	385	385	380
22	371	372	373	375	377	378	379	380	382	382	382	383	384	378	384	384	385	384	379
23	367	368	370	371	373	374	376	377	378	379	380	380	382	372	381	382	383	382	378
24	363	364	366	368	370	371	372	373	376	376	377	377	379	366	379	379	380	380	373
25	359	361	362	364	366	368	369	371	372	373	374	375	376	360	377	377	378	378	369
26	356	357	359	361	363	364	366	367	369	370	371	372	373	354	374	375	376	376	364
28	349	351	352	354	356	358	359	361	363	364	365	366	368	343	369	370	371	369	355
30	342	344	346	348	350	352	353	355	357	358	360	361	362	332	364	365	366	360	346
32	336	338	340	342	344	346	348	349	351	353	354	355	357	321	359	360	360	350	337
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38	319	322	324	326	329	330	332	334	336	338	340	341	343	293	344	340	338	324	311
40	314	317	319	321	324	326	327	329	332	333	335	337	338	285	333	331	330	316	303
44	305	307	310	312	315	317	319	321	323	325	321	316	309	269	305	302	297	294	288
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52	287	291	294	296	299	301	303	305	307	298	294	290	283	242	259	257	252	250	247
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60	267	270	274	277	274	272	269	266	261	257	254	250	245	222	244	241	237	231	229
64	258	262	260	258	254	252	250	247	243	240	237	234	228	213	227	225	221	219	217
68	240	240	240	239	236	235	233	231	227	224	221	219	214	199	213	210	207	204	203
72	221	221	222	222	219	218	217	216	212	209	207	205	200	178	199	197	193	191	190
76	203	204	206	206	204	203	203	201	198	196	194	192	188	162	186	185	181	179	178
80	186	188	190	191	190	189	189	188	185	183	182	180	177	147	175	173	170	168	166
84	170	173	176	177	176	176	177	176	173	172	171	169	166	136	164	162	159	157	156
88												159	156	126	154	152	149	147	146
92												149	146	117	144	143	140	138	137

SHETB-8

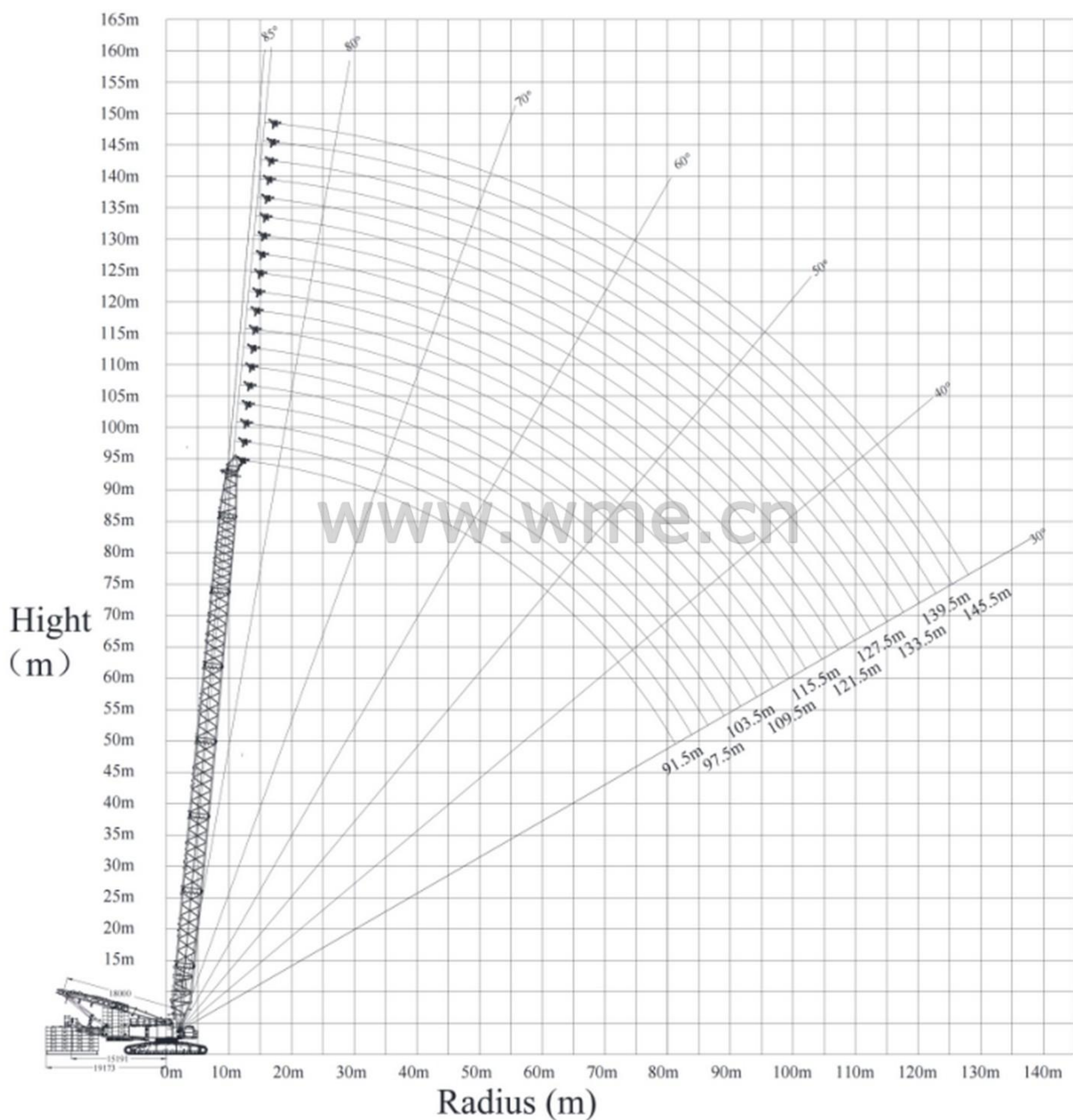
Boom: 147~198m; Jib: 8m



	147	150	153	156	159	162	165	168	171	174	177	180	183	186	189	192	195	198
20	363																	
21	363	362	350	346	332													
22	362	362	350	343	331	325	313	301										
23	362	362	350	341	330	325	312	300	288	276	265	253						
24	360	361	349	338	329	324	310	299	286	275	263	253	243	226	220			
25	355	357	345	337	328	323	308	298	283	273	261	251	242	226	219	211	200	192
26	351	353	341	337	328	322	308	297	282	271	261	251	241	226	218	210	200	192
28	342	345	333	337	328	322	307	296	282	269	260	249	241	225	217	209	199	191
30	333	337	325	337	328	322	307	296	282	269	260	249	240	225	217	208	198	190
32	324	329	317	329	328	322	307	296	282	268	260	248	238	224	216	207	198	189
34	315	321	309	321	307	304	301	295	281	267	260	248	236	223	216	206	197	188
36	307	313	302	307	291	287	284	283	280	267	259	247	235	223	215	205	196	187
38	298	305	294	292	276	273	270	268	265	266	255	246	235	222	214	204	195	186
40	290	298	287	292	263	273	256	255	252	250	242	239	234	221	213	203	194	185
44	275	284	273	274	259	256	253	251	248	247	239	217	215	214	211	201	191	183
48	261	261	260	252	238	235	232	230	227	226	219	217	214	214	209	199	189	180
52	245	241	238	232	220	217	214	212	210	208	202	200	197	197	194	195	186	178
56	226	223	220	215	204	201	198	197	194	193	187	185	182	182	179	177	174	174
60	226	207	204	200	190	187	184	183	180	179	174	172	169	169	166	164	162	159
64	217	207	204	200	177	174	172	170	168	167	162	160	157	157	155	153	150	148
68	200	197	194	191	177	174	172	170	156	156	151	149	147	147	144	142	140	137
72	187	184	182	179	171	168	166	164	156	156	141	140	137	137	135	133	130	128
76	175	172	170	168	160	158	156	154	152	151	141	140	137	128	126	124	122	119
80	164	161	159	157	151	148	146	145	142	142	138	137	134	128	126	124	122	112
84	154	151	146	149	142	140	137	136	134	133	130	128	126	126	124	122	120	112
88	145	144	124	127	133	131	129	128	126	125	122	121	119	119	116	115	113	110
92	136	130	105	108	126	123	121	120	118	118	115	114	111	112	109	108	106	104

LB-M18

Standard light-duty main boom



LB-M18

Boom Combination															
Boom frame combination code*	①	②	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲
91.5m	1	1	1	1		1		1					1	1	1
94.5m	1	1	1	1		1		1	1				1	1	1
97.5m	1	1	1	1		1		1		1			1	1	1
100.5m	1	1	1	1		1		1	1	1			1	1	1
103.5m	1	1	1	1	1	1		1					1	1	1
106.5m	1	1	1	1	1	1		1	1				1	1	1
109.5m	1	1	1	1	1	1		1		1			1	1	1
112.5m	1	1	1	1	1	1		1	1	1			1	1	1
115.5m	1	1	1	1	1	1	1	1					1	1	1
118.5m	1	1	1	1	1	1	1	1	1				1	1	1
121.5m	1	1	1	1	1	1	1	1		1			1	1	1
124.5m	1	1	1	1	1	1	1	1	1	1			1	1	1
*127.5m	1	1	1	1	1	1	1	1※			1		1	1	1
*130.5m	1	1	1	1	1	1	1	1※	1		1		1	1	1
*133.5m	1	1	1	1	1	1	1	1※		1	1		1	1	1
*136.5m	1	1	1	1	1	1	1	1※	1	1	1		1	1	1
*139.5m	1	1	1	1	1	1	1	1※			1	1	1	1	1
*142.5m	1	1	1	1	1	1	1	1※	1		1	1	1	1	1
*145.5m	1	1	1	1	1	1	1	1※		1	1	1	1	1	1

Note: ** indicates that a center hitch is required for that boom length. Refer to the center hitch configuration table in the manual for specific pendant rope lengths. "※" indicates the center hitch connection position. Refer to the main boom configuration drawing in the manual for the specific position. One additional 1.5m light-duty boom head is required.

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LB-M18

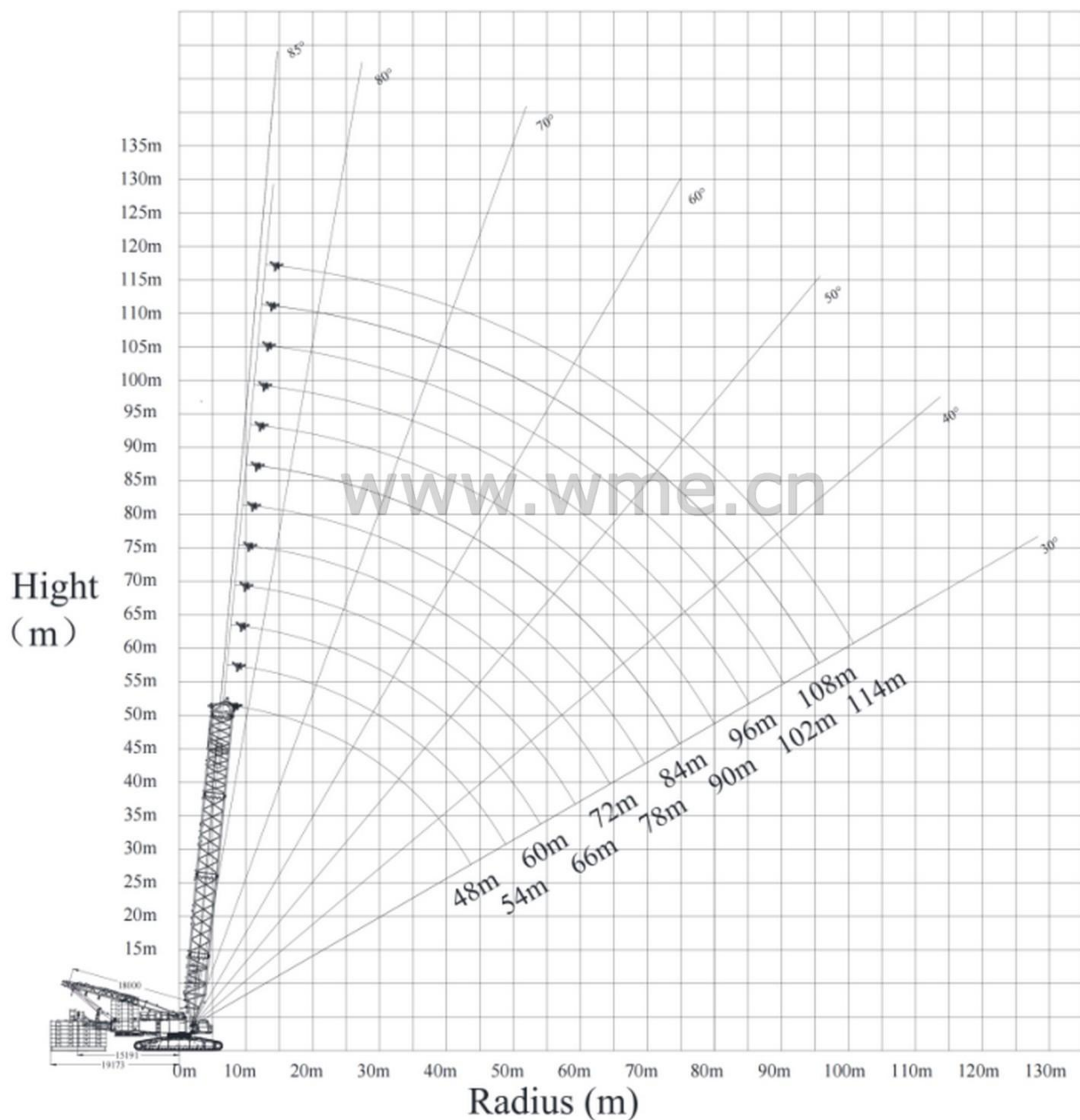
Boom: 91.5~145.5m



	91.5	94.5	97.5	100.5	103.5	106.5	109.5	112.5	115.5	118.5	121.5	124.5	127.5	130.5	133.5	136.5	139.5	142.5	145.5
13	500	500	500																
14	500	500	500	500	500	500													
15	500	500	500	500	500	500	500	500	500	483									
16	500	500	500	500	500	500	500	500	500	480	461	441	438						
17	500	500	500	500	500	488	485	481	477	477	458	439	435	419	405	389	366		
18	479	475	472	468	463	460	457	453	449	446	443	436	432	417	403	386	362	342	324
19	452	449	446	442	438	434	431	428	424	421	418	415	415	415	400	383	359	338	320
20	428	425	422	418	414	411	408	405	401	398	396	393	393	390	387	380	355	335	316
21	406	403	400	397	393	390	387	384	381	378	375	372	373	370	367	365	352	331	313
22	386	383	380	377	373	370	368	365	362	359	357	354	354	351	349	346	348	328	309
23	367	364	362	359	355	352	350	347	344	341	339	337	337	334	332	330	329	324	306
24	350	347	345	342	339	336	334	331	328	325	324	321	321	319	317	314	314	311	302
25	335	332	330	327	323	321	319	316	313	311	309	306	307	304	302	300	299	297	299
26	320	318	316	313	309	307	305	302	299	297	295	293	293	291	289	287	286	284	282
28	294	292	290	287	284	281	280	277	275	272	271	268	269	267	265	263	262	260	258
30	270	269	267	265	262	259	258	255	253	251	249	247	248	245	244	242	241	239	238
32	249	247	247	245	242	240	238	236	234	232	230	228	229	227	225	223	223	221	219
34	230	229	228	227	225	223	221	219	217	215	213	211	212	210	208	206	206	204	203
36	214	212	212	211	208	207	206	204	202	200	198	196	197	195	194	192	192	190	188
38	199	198	197	196	194	192	192	190	188	186	185	183	183	182	180	178	178	177	175
40	186	185	184	183	181	179	179	178	176	174	173	171	171	169	168	166	166	165	163
44	163	162	162	160	158	157	156	155	154	152	151	149	150	148	147	145	145	144	142
48	145	144	143	142	140	138	138	137	135	134	133	131	132	130	129	127	128	126	125
52	129	128	128	126	124	123	122	121	120	118	118	116	117	115	114	112	113	111	110
56	116	115	114	113	111	110	109	108	107	105	105	103	104	102	101	99	100	98	97
60	104	103	103	102	99	98	98	96	95	94	93	92	92	90	89	88	88	87	86
64	94	93	93	91	89	88	88	86	85	84	83	81	82	80	79	78	78	77	76
68	85	84	84	83	80	79	79	78	76	75	74	72	73	71	70	69	69	68	67
72	77	76	76	75	73	71	71	70	68	67	66	64	65	63	62	61	61	60	59
76	70	69	69	68	65	64	64	63	61	59	59	57	58	56	55	54	54	53	52
80												51	51	49	49	47	48	46	45
84												45	45	43	43	41	42	40	39
88												39	39	38	37	36	36	35	34

HB-M18

Standard heavy-duty main boom



HB-M18

Boom Combination

Boom frame combination code*	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
Boom length	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
48m	1	1	0	0	1	0	0	0	0	1	1
54m	1	1	0	0	1	1	0	0	0	1	1
60m	1	1	1	0	1	0	0	0	0	1	1
66m	1	1	1	0	1	1	0	0	0	1	1
72m	1	1	1	1	1	0	0	0	0	1	1
78m	1	1	1	1	1	1	0	0	0	1	1
84m	1	1	1	1	1	0	1	0	0	1	1
90m	1	1	1	1	1	1	1	0	0	1	1
96m	1	1	1	1	1	0	1	1	0	1	1
102m	1	1	1	1	1	1	1	1	0	1	1
108m	1	1	1	1	1	0	1	1	1	1	1
114m	1	1	1	1	1	1	1	1	1	1	1

Note: On the basis of the independent jib head configuration, a large-section 6m section A and a large-section 12m top section should be added, achieving a boom length of 114m.

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HB-M18

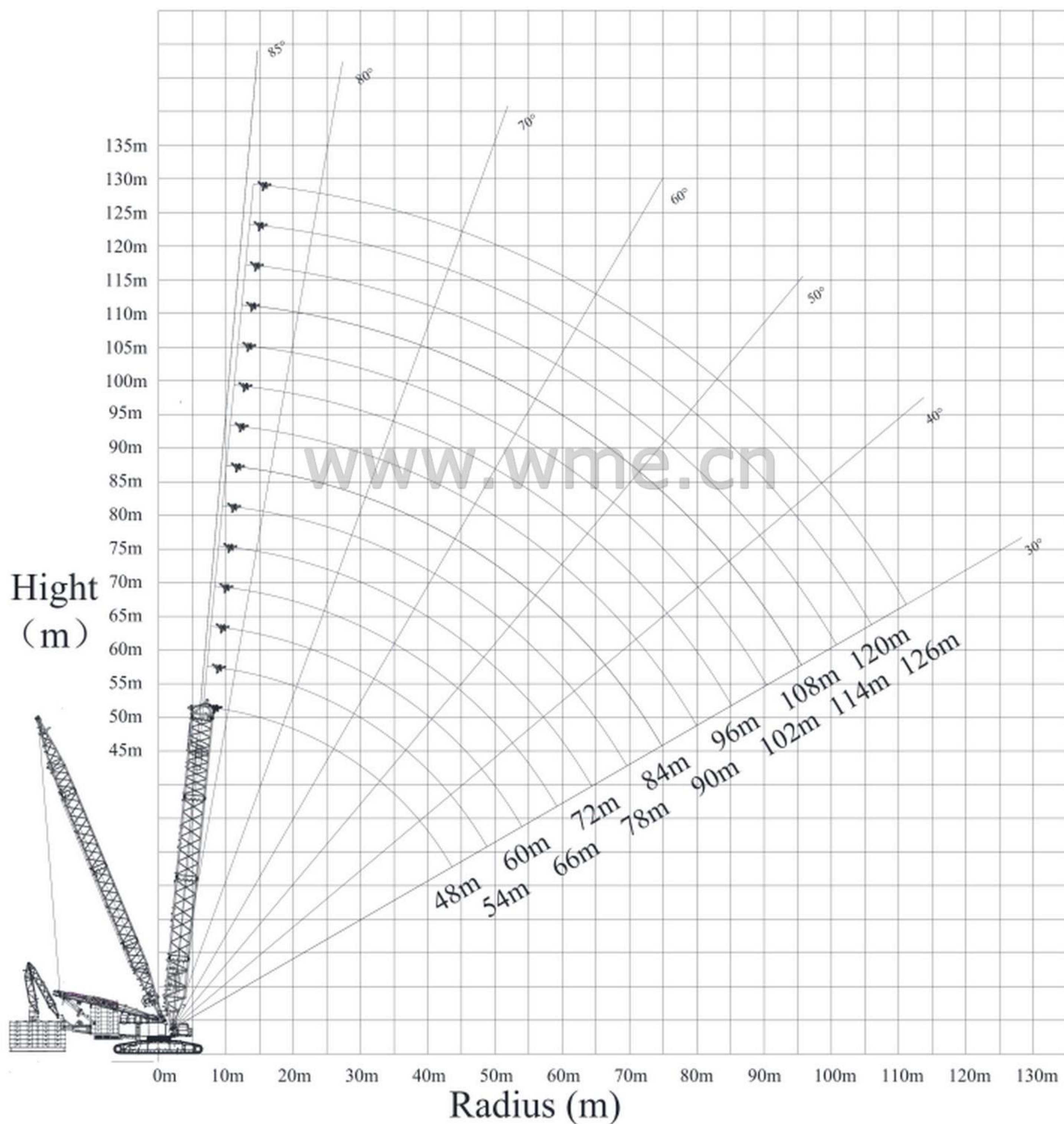
Boom: 48~114m



	48	54	60	66	72	78	84	90	96	102	108	114
10	1069	999	935									
11	953	985	923	865	768							
12	865	863	845	784	729	678	630					
13	792	789	787	744	693	646	602	560				
14	729	726	724	708	662	618	577	538	505	474		
15	675	672	670	664	633	592	554	517	487	457	431	405
16	628	625	623	619	606	568	533	498	469	441	416	392
17	586	584	582	579	569	547	513	481	453	427	403	380
18	550	547	545	542	534	524	495	464	439	413	391	368
19	517	515	512	510	503	494	478	449	425	400	379	358
20	487	485	483	480	475	466	457	434	411	388	368	347
21	459	457	455	452	449	441	433	420	399	377	357	338
22	433	431	429	426	424	418	410	401	387	366	347	328
23	410	408	406	403	401	397	389	381	375	355	338	319
24	389	387	385	382	380	377	371	362	357	345	328	311
25	370	368	366	363	361	357	353	345	340	333	320	303
26	352	350	348	345	343	340	337	329	324	318	311	295
28	321	319	317	314	312	309	306	300	296	290	286	280
30	294	292	290	287	285	282	279	275	271	266	262	256
32	271	269	267	264	262	259	256	252	250	244	241	235
34	250	249	247	244	242	238	236	231	230	225	222	217
36	232	230	229	226	224	220	218	214	212	208	205	200
38	216	214	213	210	208	204	202	198	196	193	190	185
40	201	200	198	195	193	190	188	184	182	178	176	171
44	176	175	173	171	169	166	163	159	157	154	152	148
48		154	153	150	148	145	143	139	137	134	132	128
52			135	133	131	128	126	122	120	117	115	111
56				118	116	113	112	108	106	102	101	96
60				104	103	101	99	95	93	90	88	84
64					92	89	88	84	82	79	77	72
68							78	74	73	69	67	62

SHB

Super-lift heavy-duty boom



SHB

Boom Combination											
Boom frame combination code*	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪
48m	1	1	0	0	1	0	0	0	0	1	1
54m	1	1	0	0	1	1	0	0	0	1	1
60m	1	1	1	0	1	0	0	0	0	1	1
66m	1	1	1	0	1	1	0	0	0	1	1
72m	1	1	1	1	1	0	0	0	0	1	1
78m	1	1	1	1	1	1	0	0	0	1	1
84m	1	1	1	1	1	0	1	0	0	1	1
90m	1	1	1	1	1	1	1	0	0	1	1
96m	1	1	1	1	1	0	1	1	0	1	1
102m	1	1	1	1	1	1	1	1	0	1	1
108m	1	1	1	1	1	0	1	1	1	1	1
114m	1	1	1	1	1	1	1	1	1	1	1
120m	1	1	1	1	1	0	1	1	2	1	1
126m	1	1	1	1	1	1	1	1	2	1	1

Note: On the basis of the independent jib head configuration, a large-section 6m section A and a large-section 12m top section should be added, achieving a boom length of 114m; when the boom length is 120m or 126m, an additional large-section 12m section D is required.

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SHB

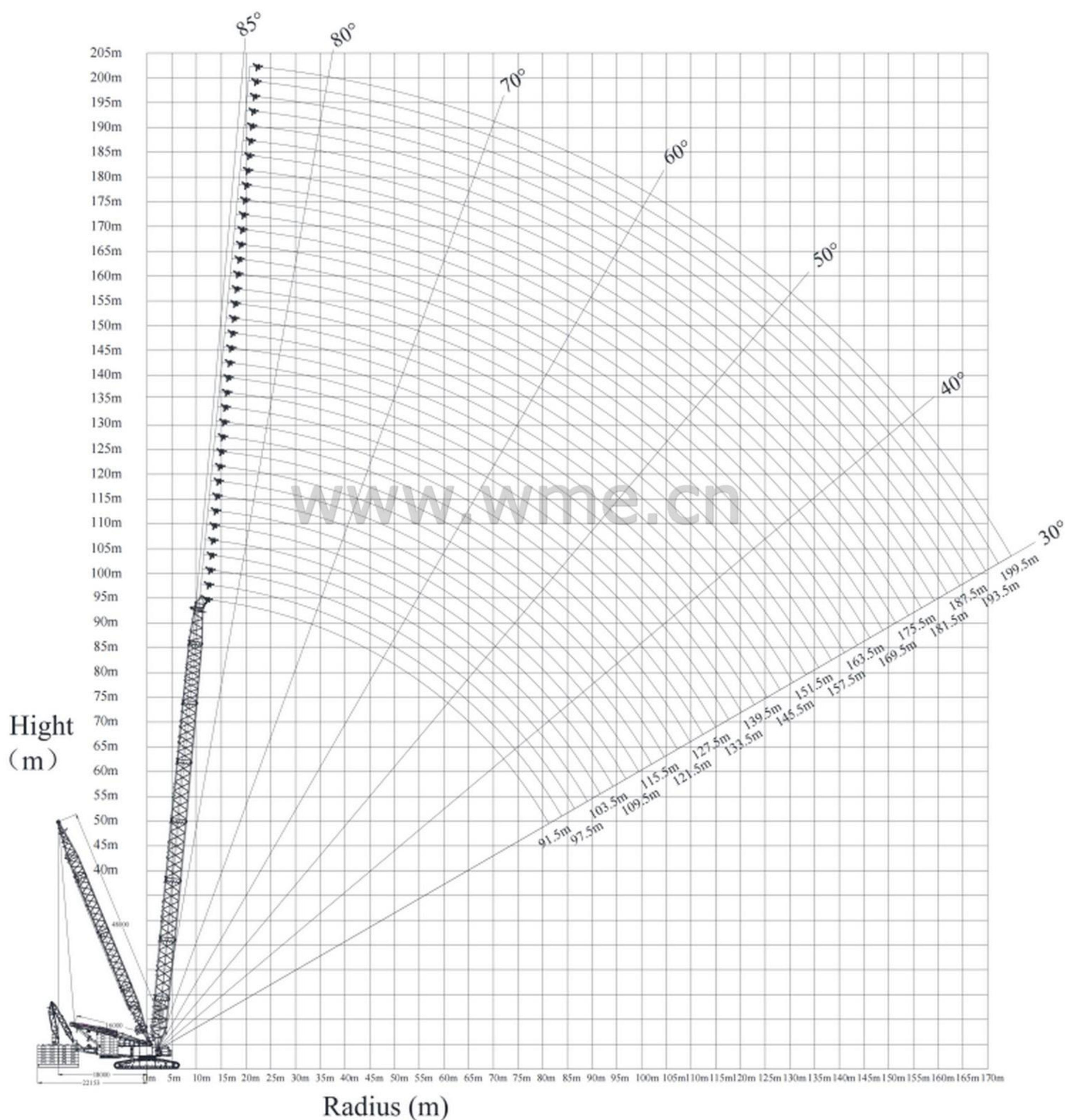
Boom: 48~126m



	48	54	60	66	72	78	84	90	96	102	108	114	120	126
10	1300*	1083*	979*											
11	1300*	1083*	979*	898*	821*									
12	1300*	1083*	979*	898*	821*	783*	706*							
13	1300*	1083*	979*	898*	821*	783*	706*	643*	609*					
14	1300*	1083*	979*	898*	821*	783*	706*	643*	609*	575*				
15	1220*	1083*	979*	898*	821*	783*	706*	643*	609*	575*	520*	511*		
16	1140*	1082*	979*	898*	821*	783*	706*	643*	609*	575*	520*	511*	470*	439*
17	1073*	1046*	971*	898*	821*	783*	706*	643*	609*	575*	520*	511*	470*	439*
18	1013*	1008*	968*	898*	821*	783*	706*	643*	609*	575*	520*	511*	470*	439*
19	960*	955*	955*	898*	821*	783*	706*	643*	609*	575*	520*	511*	470*	439*
20	912*	907*	907*	898*	821*	783*	706*	643*	609*	575*	520*	511*	470*	439*
21	868*	846*	856*	846*	821*	783*	706*	643*	609*	575*	520*	511*	470*	439*
22	829*	817*	817*	808*	813*	783*	706*	643*	609*	575*	520*	511*	470*	439*
23	793*	773*	757*	773*	777*	757*	706*	643*	609*	575*	520*	511*	470*	439*
24	760*	741*	741*	741*	744*	733*	706*	643*	609*	575*	520*	511*	470*	439*
25	730*	711*	697*	711*	715*	697*	697*	643*	609*	575*	520*	511*	470*	439*
26	701*	683*	683*	683*	687*	669*	669*	634*	609*	575*	520*	511*	470*	439*
28	651	635*	635*	635*	638*	622*	622*	607*	606*	558*	520*	511*	470*	439*
30	604	592*	592*	592	583*	577*	564*	561*	559*	556*	520*	511*	470*	439*
32	563	555	543*	540*	542*	536*	524*	521*	519*	516*	515*	510*	470*	439*
34	526	510*	507*	504*	506*	500*	489*	486*	484*	481*	480*	477*	470*	439*
36	493	478	475	472*	473	468*	457*	453*	453*	450*	449*	446*	444*	439*
38	464	450	447	444	444	440	429*	426*	425*	422*	420*	418*	417*	414*
40	437	423	421	418	419	414	404*	401*	399*	397*	396*	393*	392*	388*
44	383	380	377	374	374	369	361*	358*	357*	354*	352*	349*	348*	345*
48		342	340	337	337	333	324	322	321	318	316	313	312	309
52			309	306	306	301	294	291	290	287	285	283	282	279
56				279	279	275	268	266	264	261	260	257	255	252
60				256	256	252	246	243	241	238	237	234	233	230
64					235	231	226	223	222	218	217	214	213	210
68												197	195	192
72												182	180	177
76												168	167	163
80												155	153	151

SLB

Super lift light-duty main boom



SLB

Main boom frame combination

Boom length	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	
91.5m	1	1	1	1						1		1	1				1	1	1
94.5m	1	1	1	1						1		1					1	1	1
97.5m	1	1	1	1						1		1	1	1			1	1	1
100.5m	1	1	1	1						1		1		1			1	1	1
103.5m	1	1	1	1	1					1		1	1				1	1	1
106.5m	1	1	1	1	1					1		1					1	1	1
109.5m	1	1	1	1	1					1		1	1	1			1	1	1
112.5m	1	1	1	1	1					1		1		1			1	1	1
115.5m	1	1	1	1	1	1				1		1	1				1	1	1
118.5m	1	1	1	1	1	1				1		1					1	1	1
121.5m	1	1	1	1	1	1				1		1	1	1			1	1	1
124.5m	1	1	1	1	1	1				1		1		1			1	1	1
127.5m	1	1	1	1	1	1	1			1		1	1				1	1	1
*130.5m	1	1	1	1	1	1		1		1		1					1	1	1
*133.5m	1	1	1	1	1	1		1		1		1	1	1			1	1	1
*136.5m	1	1	1	1	1	1		1		1		1		1			1	1	1
*139.5m	1	1	1	1	1	1	1	1		1		1	1				1	1	1
*142.5m	1	1	1	1	1	1	1	1		1		1					1	1	1
*145.5m	1	1	1	1	1	1	1	1		1		1	1	1			1	1	1
*148.5m	1	1	1	1	1	1	1	1		1		1		1			1	1	1
*151.5m	1	1	1	1	1	1	1	1	1	1		1	1				1	1	1
*154.5m	1	1	1	1	1	1	1	1	1	1		1					1	1	1
*157.5m	1	1	1	1	1	1	1	1	1	1		1	1	1			1	1	1
*160.5m	1	1	1	1	1	1	1	1	1	1		1		1			1	1	1
*163.5m	1	1	1	1	1	1	1	1	1	1	1	1					1	1	1
*166.5m	1	1	1	1	1	1	1	1	1	1	1	1	1				1	1	1
*169.5m	1	1	1	1	1	1	1	1	1	1	1	1		1			1	1	1
*172.5m	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1
*175.5m	1	1	1	1	1	1	1	1	1	1	1	1			1		1	1	1
*178.5m	1	1	1	1	1	1	1	1	1	1	1	1	1		1		1	1	1
*181.5m	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1	1	1
*184.5m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1
*187.5m	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1	1	1
*190.5m	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1
*193.5m	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1
*196.5m	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
*199.5m	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1

Note: "*" indicates that a center hitch is required for that boom length. Refer to the center hitch configuration table in the manual for specific pendant rope lengths.

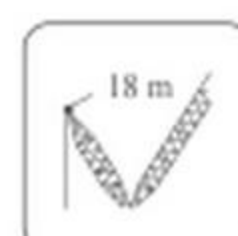
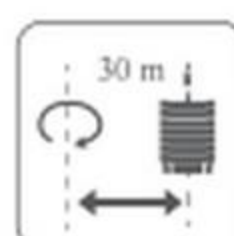
Light-duty boom head

Boom length	1.5 m
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Note: For detailed product usage, refer to the Operation Instruction.

SLB

Boom: 91.5~145.5m



	91.5	94.5	97.5	100.5	103.5	106.5	109.5	112.5	115.5	118.5	121.5	124.5	127.5	130.5	133.5	136.5	139.5	142.5	145.5
13	500*	500*	500*																
14	500*	500*	500*	500*	500*	500*													
15	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*									
16	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*						
17	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*		
18	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
19	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
20	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
21	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
22	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
23	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
24	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
25	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
26	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
28	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
30	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	424*	424*	424*	384*	384*	384*
32	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	421*	424*	424*	384*	384*	384*
34	500*	500*	500*	500*	500*	500*	500*	500*	500*	463*	463*	463*	463*	406*	424*	424*	384*	384*	384*
36	500	500	500	500	500	500	500	500	489	463*	463*	463*	463*	392*	424*	424*	384*	384*	384*
38	470	469	469	468	465	464	464	463	460	459	459	458	455	379*	424*	424*	384*	384*	384*
40	444	443	442	441	439	438	437	436	434	433	432	431	429	367*	424	424	384*	384*	384*
44	398	397	397	396	393	392	392	391	388	387	387	386	383	345*	381	380	378	376	371
48	360	359	359	358	355	354	354	353	350	349	349	348	345	325*	343	342	340	339	338
52	328	327	327	326	323	322	322	321	318	317	317	316	313	299	311	310	308	307	306
56	301	300	300	299	296	295	295	294	291	290	289	288	286	258*	284	283	280	279	279
60	277	276	276	275	272	271	271	270	267	266	266	265	262	226*	260	259	257	255	255
64	256	256	255	254	252	251	250	249	246	245	245	244	241	201*	240	238	236	235	234
68	238	237	237	236	233	232	232	231	228	227	227	226	223	180*	221	220	217	216	216
72	222	221	221	220	217	216	216	215	212	211	210	209	207	163*	205	204	201	200	200
76	207	206	206	205	202	201	201	200	197	196	196	195	192	149*	190	189	187	186	185
												182	179	137*	177	176	174	172	172
												170	167	126*	165	164	162	161	160

SLB

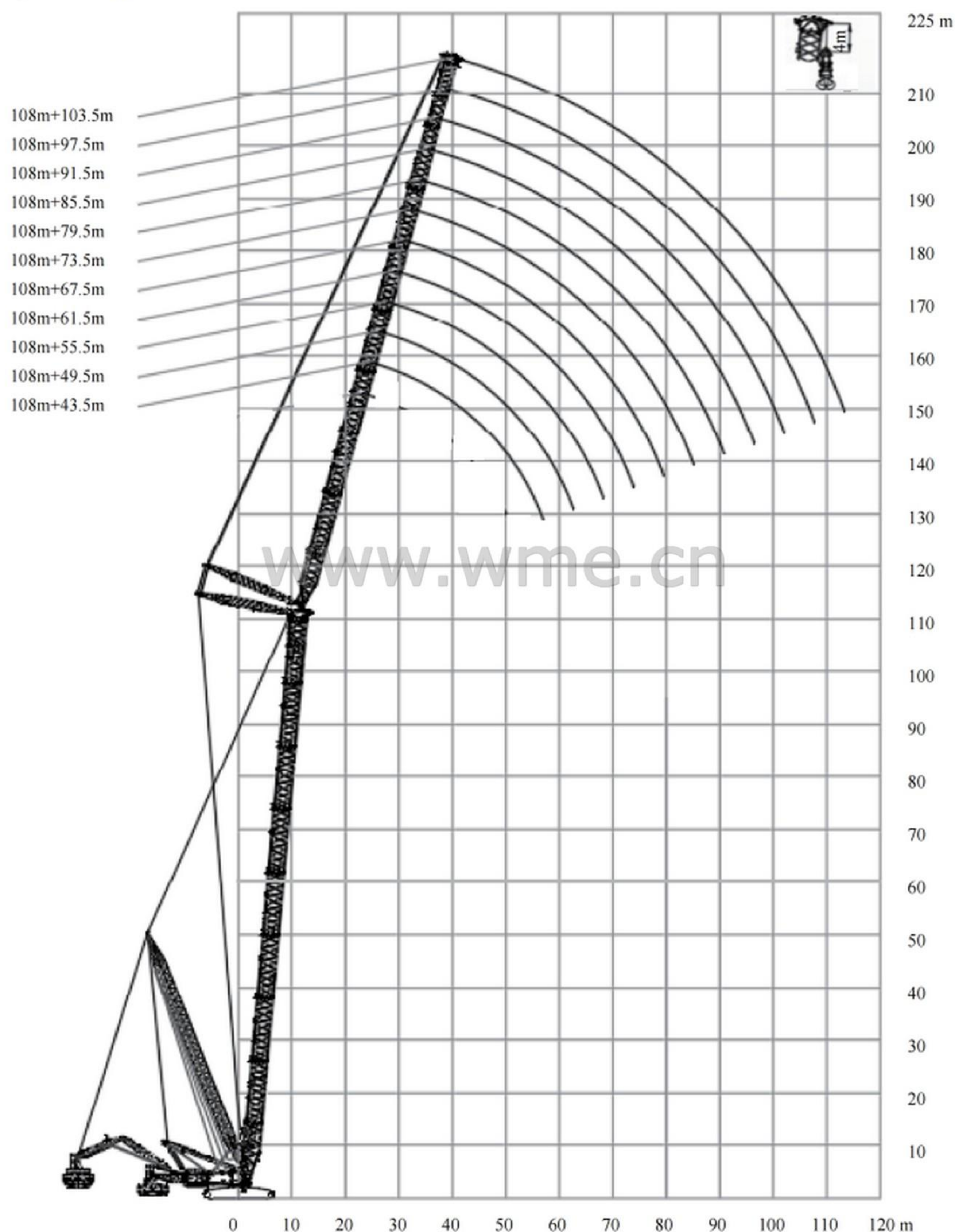
Boom: 148.5~199.5m



 m	148.5	151.5	154.5	157.5	160.5	163.5	166.5	169.5	172.5	175.5	178.5	181.5	184.5	187.5	190.5	193.5	196.5	199.5
18	384*	384*																
19	384*	384*	344*	344*	344*													
20	384*	384*	344*	344*	344*	339*	325*	311*	297*									
21	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*						
22	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*		
23	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*	212*	203*
24	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*	212*	203*
25	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*	212*	203*
26	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*	212*	203*
28	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*	212*	203*
30	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*	212*	203*
32	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*	212*	203*
34	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*	212*	203*
36	384*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*	212*	203*
38	381*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	231*	222*	212*	203*
40	370*	384*	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	226*	222*	212*	203*
44	348*	372	344*	344*	344*	339*	325*	311*	297*	286*	273*	262*	251*	241*	226*	222*	212*	203*
48	329	335	332	333	332	331	325	311*	297*	286*	273*	262*	251*	241*	226*	221*	212*	203*
52	311	303	302	301	300	299	298	297	297	286	273*	262*	251*	241*	226*	221*	210*	200*
56	278	275	274	274	273	271	270	270	269	275	273	262	251*	238*	226*	216*	205*	195*
60	254	252	250	250	249	248	247	246	245	245	244	244	248	232	222*	210*	200*	190*
64	233	231	230	229	228	227	226	225	224	225	224	223	222	223	217	205	193*	182*
68	215	213	213	211	210	209	207	207	206	206	205	205	204	204	203	196	184	174*
72	199	198	187	195	194	192	191	191	190	190	189	188	187	188	187	188	177	166
76	184	176	166	180	179	178	177	176	175	176	174	174	173	173	172	172	170	160
80	171	157	148*	167	166	165	164	163	162	162	161	161	160	160	159	159	157	153
84	154	141	133*	156	154	153	152	151	150	151	149	149	148	149	147	147	146	144
88				140	143	142	141	141	139	140	139	138	137	138	137	136	135	134
92				126	134	132	131	131	130	130	129	128	127	128	127	126	125	124
96															118	117	116	115
100															109	109	108	107
104															102	101	100	99
108															95	94	93	92

SHW

Super lift tower jib



SHW

Boom: 60~78m; Tower jib:
43.5~103.5m



m	60											78										
	43.5	49.5	55.5	61.5	67.5	73.5	79.5	85.5	91.5	97.5	103.5	43.5	49.5	55.5	61.5	67.5	73.5	79.5	85.5	91.5	97.5	103.5
21	500*																					
22	494*																					
23	483*	463*										436*										
24	472*	453*	435*									427*	404*									
25	461*	444*	427*									414*	392*									
26	451*	435*	418*	399*								398*	379*	360*								
28	422*	418*	403*	385*	361*							369*	354*	339*	321*							
30	390*	394*	380*	363*	344*	323*						339*	329*	317*	303*	288*						
32	348*	364*	354*	342*	326*	308*	288*	270*				311*	304*	296*	285*	273*	259*	244*				
34	312*	335*	329*	320*	307*	293*	277*	260*	242*			285*	280*	275*	267*	257*	246*	234*	221*			
36	280*	307*	306*	298*	289*	278*	264*	250*	234*	219*		261*	259*	255*	249*	242*	233*	223*	212*	199*		
38	252*	279*	282*	279*	272*	262*	252*	239*	225*	212*	198*	238*	238*	236*	232*	227*	220*	211*	202*	191*	181*	170*
40	228*	252*	261*	259*	255*	248*	239*	228*	216*	205*	192*	217*	218*	218*	216*	212*	207*	200*	192*	183*	174*	164*
44	187*	210*	223*	224*	223*	219*	214*	207*	198*	189*	180*	182*	185*	186*	186*	185*	182*	179*	173*	167*	160*	153*
48	150*	174*	190*	193*	194*	193*	190*	186*	180*	173*	166*	153*	156*	159*	160*	161*	160*	158*	154*	151*	145*	140*
52		144*	162*	165*	169*	170*	169*	167*	162*	158*	153*		132*	135*	138*	139*	140*	139*	137*	135*	132*	127*
56			135*	141*	147*	149*	150*	149*	146*	144*	140*		112*	116*	118*	121*	122*	122*	122*	120*	118*	116*
60			110*	119*	128*	131*	132*	133*	132*	130*	127*			99*	102*	105*	107*	108*	108*	108*	106*	104*
64				99*	110*	115*	117*	117*	117*	117*	116*				89*	91*	93*	94*	95*	95*	95*	94*
68					94*	101*	103*	105*	106*	106*	105*					80*	81*	83*	84*	85*	85*	84*
72						87*	91*	93*	94*	95*	94*					69*	72*	73*	74*	75*	75*	75*
76						73*	81*	83*	84*	85*	85*						63*	64*	65*	67*	67*	67*
80							70*	74*	76*	77*	77*							56*	58*	59*	60*	60*
84								64*	68*	69*	70*							50*	52*	53*	54*	54*
88								54*	60*	62*	63*								45*	47*	48*	48*
92									51*	55*	56*									42*	43*	43*
96										47*	50*										38*	38*
100											43*										34*	35*
104											36*											30*

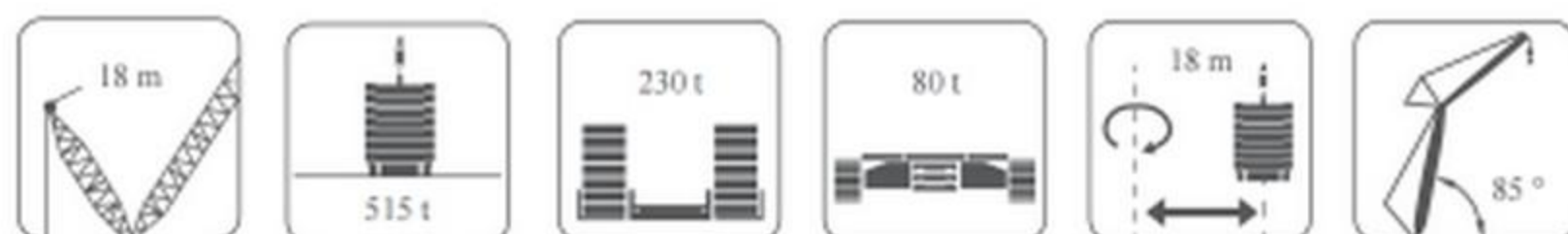
Notes: 1. The actual lifting capacity must be obtained by subtracting the weight of the hook, rigging and the wire rope wound on the hook and boom head from the rated lifting load specified in this table.

2. The rated lifting load in this table is applicable when lifting heavy objects slowly and steadily on a level and firm ground.

3. Rated lifting capacities marked with an asterisk (*) indicate that the super-lift counterweight corresponding to this configuration cannot be lifted off the ground.

SHW

Boom: 96~108m; Tower jib:
43.5~103.5m



	96											108										
	43.5	49.5	55.5	61.5	67.5	73.5	79.5	85.5	91.5	97.5	103.5	43.5	49.5	55.5	61.5	67.5	73.5	79.5	85.5	91.5	97.5	103.5
24	356*																					
25	345*											304*										
26	333*	317*										295*										
28	311*	297*	284*									277*	264*									
30	288*	279*	267*	255*								258*	248*	237*	225*							
32	266*	259*	251*	241*	230*	218*						240*	232*	237*	214*	205*						
34	245*	240*	234*	226*	217*	208*	198*					222*	216*	224*	202*	194*	185*					
36	225*	222*	217*	212*	205*	198*	189*	180*				205*	200*	209*	189*	183*	176*	168*	160*			
38	207*	205*	202*	198*	193*	187*	180*	171*	163*	154*		189*	186*	196*	178*	172*	167*	160*	153*	145*		
40	189*	189*	187*	184*	180*	176*	170*	163*	156*	148*	140*	174*	172*	182*	166*	162*	157*	152*	145*	139*	132*	
44	160*	161*	161*	160*	158*	155*	152*	147*	142*	136*	130*	147*	147*	170*	144*	143*	139*	135*	131*	126*	121*	116*
48	135*	136*	137*	137*	137*	135*	134*	131*	127*	124*	112*	125*	126*	146*	125*	125*	123*	120*	117*	114*	110*	106*
52	113*	116*	117*	118*	119*	118*	118*	117*	114*	111*	108*	106*	107*	126*	108*	108*	108*	107*	104*	102*	99*	96*
56		99*	100*	102*	103*	104*	104*	103*	101*	99*	97*		91*	108*	93*	94*	94*	93*	92*	91*	89*	87*
60			86*	88*	90*	90*	91*	90*	90*	89*	87*			92*	81*	81*	82*	82*	81*	81*	80*	78*
64				76*	78*	79*	80*	80*	80*	80*	78*			80*	70*	71*	72*	72*	72*	72*	71*	70*
68				66*	68*	69*	70*	71*	71*	71*	70*			69*	61*	62*	63*	63*	63*	63*	63*	62*
72					59*	60*	62*	62*	63*	63*	63*				54*	54*	55*	55*	56*	55*	55*	
76						53*	54*	54*	55*	55*	55*						48*	49*	49*	50*	49*	49*
80						46*	47*	48*	49*	49*	49*						42*	43*	44*	44*	44*	44*
84							42*	43*	44*	44*	44*							37*	38*	38*	38*	38*
88								37*	38*	39*	39*								34*	34*	34*	34*
92									34*	35*	35*								29*	30*	30*	30*
96									30*	30*	30*									27*	27*	27*
100										27*	27*										23*	23*
104											24*										20*	20*
108											21*											18*

Notes: 1. The actual lifting capacity must be obtained by subtracting the weight of the hook, rigging and the wire rope wound on the hook and boom head from the rated lifting load specified in this table.

2. The rated lifting load in this table is applicable when lifting heavy objects slowly and steadily on a level and firm ground.

3. Rated lifting capacities marked with an asterisk (*) indicate that the super-lift counterweight corresponding to this configuration cannot be lifted off the ground.

Transport Component Dimensions

Turntable transport

Length	15.57 m
Width	3.75 m
Height	3.37 m
Weight	62 t
Quantity	1



Connecting bracket

Length	5.6 m
Width	3.67 m
Height	2.3 m
Weight	12.2 t
Quantity	1



Frame transport

Length	8.62 m
Width	3.64 m
Height	1.81 m
Weight	37 t
Quantity	1



Super lift bottom section

Length	13.5 m
Width	3.75 m
Height	3.65 m
Weight	34.5 t
Quantity	1



Track transport

Length	13.2 m
Width	1.8 m
Height	2.05 m
Weight	49.5 t
Quantity	2



Super lift 12m section

Length	12.25 m
Width	3.49 m
Height	2.63 m
Weight	12.5 t
Quantity	2



Hoist winch

Length	2.15 m
Width	1.81 m
Height	1.69 m
Weight	15 t
Quantity	2



Super lift top section

Length	12.71 m
Width	3.49 m
Height	2.86 m
Weight	16.5 t
Quantity	1



Mast transport (available in 16m/18m)

Length	17.4/19.4 m
Width	3.05/3.05 m
Height	2.5/2.5 m
Weight	37/38.5 t
Quantity	1



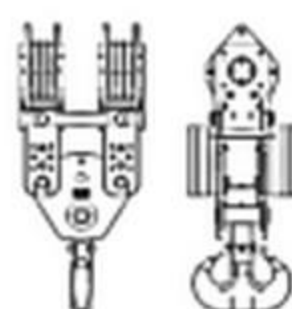
Push-pull bracket

Length	9.1 m
Width	3.44 m
Height	2.92 m
Weight	14.5 t
Quantity	1



300t hook

Length	1.49 m
Width	1.29 m
Height	3.48 m
Weight	7.64 t
Quantity	1



Counterweight slab 10t

Length	2.75 m
Width	2.0 m
Height	0.63 m
Weight	10 t
Quantity	8



Counterweight block 15t

Length	4.10 m
Width	2.35 m
Height	0.72 m
Weight	15 t
Quantity	38



12m transition section I 4230-3428-12A

Length	12.3 m
Width	4.5 m
Height	3.48 m
Weight	14.8 t
Quantity	1



Counterweight block 20t

Length	7.8 m
Width	1.98 m
Height	0.6 m
Weight	20 t
Quantity	6



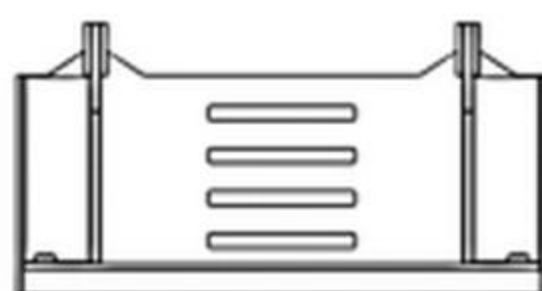
Large-section 12m section F 4230-12F

Length	12.3 m
Width	4.5 m
Height	3.46 m
Weight	14.88 t
Quantity	1



Turntable counterweight box

Length	4.30 m
Width	2.94 m
Height	2.25 m
Weight	10.2 t
Quantity	2



Large-section 12m section C 4230-12C

Length	12.3 m
Width	4.5 m
Height	3.5 m
Weight	14.38 t
Quantity	1



Super lift suspension tray

Length	8.3 m
Width	2.95 m
Height	0.785 m
Weight	8.1 t
Quantity	2



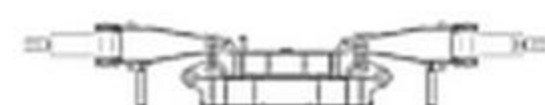
Large-section 12m section A 4230-12A

Length	12.3 m
Width	4.5 m
Height	3.46 m
Weight	14.7 t
Quantity	1



Super-lift counterweight pallet

Length	11.19 m
Width	3.34 m
Height	1.795 m
Weight	21.5 t
Quantity	1



Large-section 12m section E 4230-12E

Length	12.3 m
Width	4.5 m
Height	3.46 m
Weight	13.83 t
Quantity	1



Main boom butt section assembly 3428-HAD

Length	11.63 m
Width	3.78 m
Height	3.47 m
Weight	25.5 t
Quantity	1



Large-section 12m section B 4230-12B

Length	12.3 m
Width	4.5 m
Height	3.5 m
Weight	15.29 t
Quantity	1



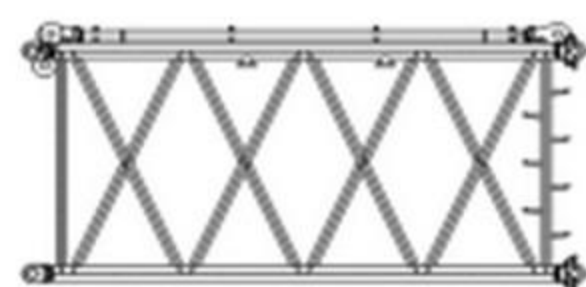
Large-section 12m center hitch
section C 4230-12CY

Length	12.3 m
Width	4.5 m
Height	3.5 m
Weight	14.38 t
Quantity	1



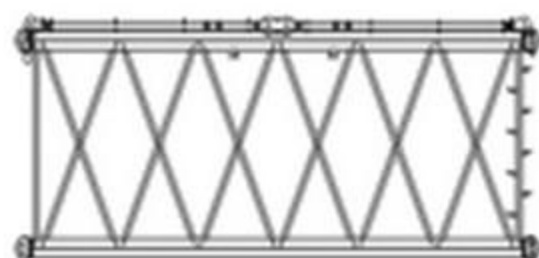
6m section A 3928-6A

Length	6.22 m
Width	4.12 m
Height	3.26 m
Weight	5.3 t
Quantity	1



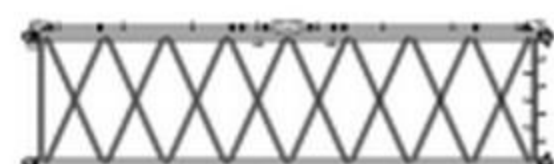
Large-section 12m section D 4230-12D

Length	12.3 m
Width	4.5 m
Height	3.5 m
Weight	13.47 t
Quantity	1



12m section C 3928-12C

Length	12.22 m
Width	4.12 m
Height	3.26 m
Weight	9.25 t
Quantity	1



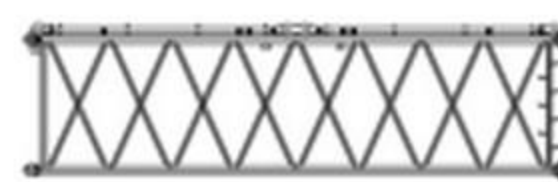
12米过渡节II 4230-3928-12A

Length	12.3 m
Width	4.5 m
Height	3.51 m
Weight	13.49 t
Quantity	1



12m section D 3928-12D

Length	12.22 m
Width	4.12 m
Height	3.26 m
Weight	8.69 t
Quantity	1



12m center hitch section A 3928-12AY

Length	12.3 m
Width	4.18 m
Height	3.3 m
Weight	11.77 t
Quantity	1



12m transition section III 3928-3226-12A

Length	12.22 m
Width	4.12 m
Height	3.16 m
Weight	9.13 t
Quantity	1



12m center hitch section B 3928-12BY

Length	12.3 m
Width	4.18 m
Height	3.3 m
Weight	11.55 t
Quantity	1



Connection section 3226-2117-ETB-7.5

Length	7.74 m
Width	3.4 m
Height	3.34 m
Weight	9.31 t
Quantity	1



3m section A 3928-3A

Length	3.22 m
Width	4.12 m
Height	3.26 m
Weight	3.2 t
Quantity	1



Independent jib head 2117-ETB-7

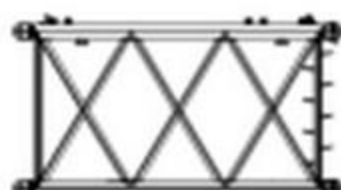
Length	8.7 m
Width	2.36 m
Height	1.98 m
Weight	6.54 t
Quantity	1



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Large-section 6m section A 4230-6A

Length	6.28 m
Width	4.5 m
Height	3.46 m
Weight	8.53 t
Quantity	1



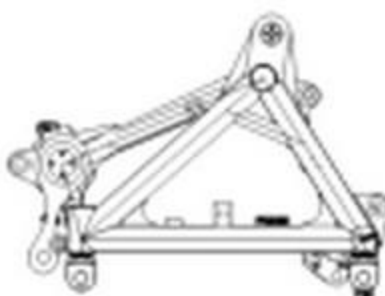
Large-section 12m section H 4230-12H

Length	12.27 m
Width	4.5 m
Height	3.48 m
Weight	17.68 t
Quantity	1



Heavy-duty main boom head 4230-HTA

Length	5.16 m
Width	4.2 m
Height	2.91 m
Weight	12.3 t
Quantity	1



Light-duty boom head 2117-HTE

Length	2.5 m
Width	2.53 m
Height	2.63 m
Weight	3.4 t
Quantity	1



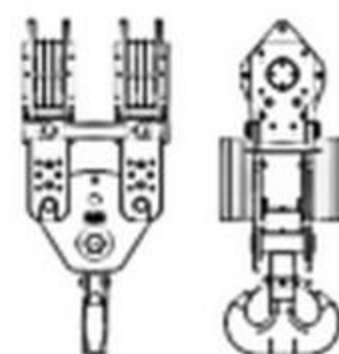
Boom head sheave assembly ZB-HL

Length	1.68 m
Width	2.2 m
Height	1.71 m
Weight	4.7 t
Quantity	1



300t hook

Length	1.49 m
Width	1.29 m
Height	3.48 m
Weight	7.64 t
Quantity	1



Note: 1. Unlisted partial weight: The unlisted parts include some clips, some small-sized pins, some bolts, individual small pendants or rigging joints, etc.

2. Due to inevitable minor variations in the manufacturing process and continuous product improvements, there may be slight differences in the specifications and weight of some components.

Symbol & Identification

	Rated lifting load		Maximum main boom length
	Maximum combined boom frame length		Turntable counterweight
	Working radius		Super lift counterweight
	Chassis counterweight		Super-lift counterweight radius
	Super-lift mast		

Boom Frame Code

S/N	Name	Length (m)	S/N	Name	Length (m)
①	Boom bottom section	10.5	⑭	6m section A	6
②	12m transition section I	12	⑮	12m section C	12
③	Large-section 12m section F	12	⑯	12m section D	12
④	Large-section 12m section A	12	⑰	12m transition section III	12
⑤	Large-section 12m section E	12	⑱	Luffing jib transition section	7.5
⑥	Large-section 12m section B	12	⑲	Luffing jib top section	8
⑦	Large-section 12m section C	12	⑳	Large-section 12m top section	12
⑧	Large-section 12m center hitch section C	12	㉑	1.5m heavy-duty boom head	1.5
⑨	Large-section 12m section D	12			
⑩	12m transition section II	12			
⑪	12m section A	12			
⑫	12m section B	12			
⑬	3m section A	3			