

ZOOMLION

New Generation All-Purpose 800t Crawler Crane

Crawler Crane

ZCC11000



Maximum lifting
capacity
800t

Maximum lifting
moment
11104t·m

Superlift hybrid
boom length
90-162m

ZOOMLION

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Crawler Crane

ZCC11000

● Excellent Lifting Performance

Versatile working conditions, powerful SDB OM, long boom for superior reach, strong coverage, and wide application scope.

The SLHsDB OM supports 160m wind turbine installation, while the SLHs-1 OM supports 110m.

● Efficient Operation

Equipped with follow-up control and engine power adaptive technologies, the machine achieves a 30% increase in operational efficiency.

Equipped with a high-power engine, it increases the speed of heavy-load and compound operations by 15%

● Efficient and Convenient

Equipped with one-key superlift mast raising/lowering and intelligent remote control technologies, assembly time is reduced by 20%.

The folding design of the superstructure walkway enables transport without disassembly, saving 2 hours of installation/dismantling time.

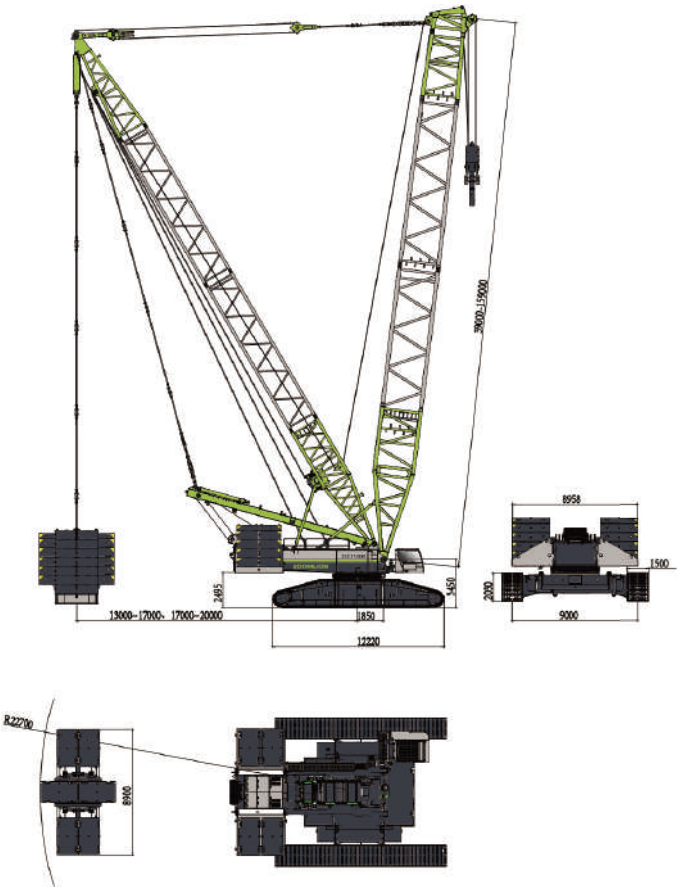
● Low Operation Cost

The counterweight blocks and hook counterweight blocks are universal across the entire machine, enhancing ease of use.

The boom sections for different OMs have good interchangeability, reducing storage space and saving the cost.

Overall Dimensions

Unit: mm



Rated Capacity Chart

Unit: t

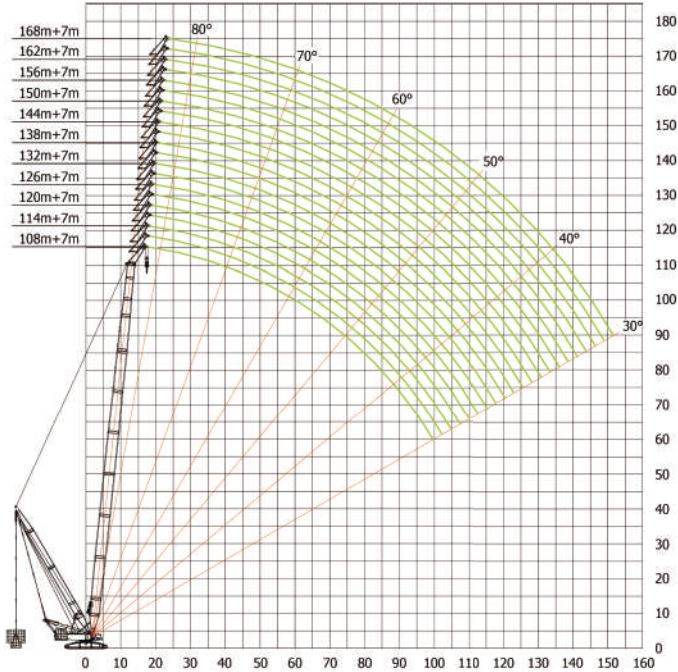
Lifting capacity chart of operating mode SLHsDB												
radius (m)	Rear counterweight: 210t Central ballast: 60t Suspended ballast radius: 20m Suspended ballast: 400t Jib for wind turbine: 7m											radius (m)
	Main boom length (m)											
	108	111	114	117	120	123	126	129	132	135	138	
19	200	200	200	200	200	200	200	200				19
20	200	200	200	200	200	200	200	200	196	185		20
22	199	199	200	200	200	200	200	200	196	185	180	22
24	196	197	197	198	198	199	199	200	196	185	180	24
26	193	194	195	195	196	196	197	197	196	185	180	26
28	191	192	192	193	193	194	194	195	195	185	180	28
30	189	189	190	191	191	192	192	193	193	185	180	30
32	186	187	188	188	189	189	190	190	191	185	180	32
34	184	185	186	186	187	188	188	189	189	185	180	34
36	182	183	184	185	185	186	186	187	187	185	180	36
38	180	181	182	183	183	184	184	185	185	184	180	38
40	178	179	180	181	181	182	183	183	184	180	175	40
44	175	176	177	177	178	179	179	180	176	172	170	44
48	171	171	173	174	174	178	173	172	171	167	164	48
52	158	158	161	164	163	163	163	162	159	156	155	52
56	147	148	151	153	154	154	154	154	151	149	148	56
60	137	138	141	144	144	145	146	146	144	142	141	60
64	129	129	132	135	136	137	138	138	137	135	135	64
68	120	121	124	127	128	129	129	129	128	127	127	68
72	112	113	117	120	121	120	119	119	118	117	116	72
76	105	106	110	112	111	110	110	109	109	108	107	76
80	99.3	100	104	103	103	102	102	101	100	99.7	99.1	80
84	93.4	94.4	96.6	95.8	95.5	94.7	94.2	93.4	93	92.1	91.5	84
88	87.9	89.2	89.7	88.9	88.3	87.5	87.3	86.5	86.1	85.2	84.7	88
92	82.7	83.9	83.4	82.6	82	81.2	80.7	79.9	79.9	79	78.4	92
96	77.8	78.1	77.7	76.9	76.3	75.5	75	74.1	73.7	73.2	72.7	96
100	73.1	72.8	72.4	71.6	71	70.2	69.7	68.9	68.5	67.6	67	100

Unit: t

Lifting capacity chart of operating mode SLHsDB												
radius (m)	Rear counterweight: 210t Central ballast: 60t Suspended ballast radius: 20m Suspended ballast: 400t Jib for wind turbine: 7m											radius (m)
	Main boom length (m)											
	141	144	147	150	153	156	159	162	165	168		
19												19
20												20
22	172	163	155	148	141	132	125	120				22
24	172	163	155	148	141	132	125	120	115	110		24
26	172	163	155	148	141	132	125	120	115	110	26	
28	172	163	155	148	141	132	125	120	115	110	28	
30	172	163	155	148	141	132	125	120	115	110	30	
32	172	163	155	148	141	132	125	120	115	110	32	
34	165	163	155	148	141	132	125	120	115	110	34	
36	165	156	146	137	137	132	125	120	115	110	36	
38	165	156	146	137	137	132	125	120	115	110	38	
40	164	155	146	136	136	132	125	120	115	110	40	
44	163	154	144	135	135	132	125	120	115	110	44	
48	158	153	143	134	134	132	125	120	115	110	48	
52	151	149	142	132	132	132	125	110	105	103	52	
56	145	143	139	131	131	120	110	98.7	96.3	87.8	56	
60	138	137	133	130	119	112	105	97.7	91.4	87.1	60	
64	131	130	126	123	117	111	104	96.7	90.5	86.3	64	
68	124	122	119	117	116	110	103	95.8	89.5	84.3	68	
72	116	116	113	111	109	108	100	94.7	88.5	80.6	72	
76	106	107	106	105	105	104	96.4	93.4	87.3	77	76	
80	98.3	98.8	97.9	97.4	96.5	96.9	92.8	92.2	85.8	73.5	80	
84	90.7	91.2	90.4	89.8	88.9	89.3	88.4	87.8	82.3	70.4	84	
88	83.8	84.3	83.5	82.9	82	82.4	81.5	80.9	79.3	67.4	88	
92	77.6	78.1	77.2	76.7	75.7	76.2	75.2	74.7	73.7	64.6	92	
96	71.8	72.4	71.5	71	70	70.5	69.5	69	68	62	96	
100	66.6	67.1	66.3	65.7	64.8	65.2	64.3	63.7	62.8	59.7	100	

Lifting Height Chart

Lifting height curves of operating mode SLHsDB



Technical Data

Item		Unit	Value
Max. lifting moment		t·m	11104
Max. lifting capacity		t	800
Heavy-duty main boom	Max. lifting capacity	t	600
	Main boom length	m	39-93
Superlift heavy-duty main boom	Max. lifting capacity	t	800
	Main boom length	m	39-159
Hybrid main boom	Max. lifting capacity	t	330
	Main boom length	m	72-114
Superlift hybrid main boom	Max. lifting capacity	t	330
	Main boom length	m	90-162
Standard main boom for wind turbine	Max. lifting capacity	t	200
	Length of jib for wind turbine	m	7
	Main boom length	m	90-114
Superlift main boom for wind turbine	Max. lifting capacity	t	200
	Length of jib for wind turbine	m	7
	Main boom length	m	108-168

Item		Unit	Value
Luffing jib	Max. lifting capacity	t	221
	Luffing jib length	m	24-84
	Main boom length	m	39-63
	Main boom angle	°	85、75、65
Superlift luffing jib	Max. lifting capacity	t	330
	Luffing jib length	m	30-96
	Main boom length	m	63-99
	Main boom angle	°	85、75、65
Counterweight	Suspended ballast	t	400
	Rear counterweight	t	210
	Central ballast	t	60
Engine	Model	/	M15
	Rated power / rotational speed	kW rpm	563/2100
	Emission standard	/	China III
Transport parameter of the largest single piece	Weight	t	44
	Dimension	mm	13500×3500×2850