

ZOOMLION
Telescopic Boom Crawler Crane

ZCT1500A653

Max. lifting moment
3493.5 klbs·ft
Engine rated power
330 hp @2000rpm

Rear counterweight
46.3 Ust
Central ballas
19.8 Ust

- 165.3 USt
- 37.4~170.6 ft
- 170.6+141 ft



Technical Advantages

- Small space occupation: Compact and flexible, with 46.26×9.81×10.3ft main unit transportation dimensions. It requires a small operating space, with a tail swing radius of 16.4ft
- Equipped with a Cummins 330-horsepower engine, offering robust power.
- High operational efficiency: Slewing speed of 1.6 rpm, approximately 16% faster than the benchmark; maximum hoisting speed of the main winch reaching 465.9 ft/min
- Outstanding lifting performance: maximum lifting moment of 3493544lbf.ft, 0.0722ft high-strength anti-rotation hoist rope, and single-rope pulling force of 22046.2lbs.
- Enhanced maneuverability: Features fully remote-controlled self-assembly/disassembly for easy truck loading, variable-track chassis with full counterweights for flexible short-distance relocation, and a hydraulic luffing jib and ground-level remote-controlled power-pin counterweights for streamlined operations.
- Adaptability to multiple working conditions: Equipped with a 37.4~170.6ft main boom and a 34.1/62.3ft jib (max. combination: 311.68ft), plus a 9.84ft tip boom and 1.97ft rooster sheave. It supports synchronized main and auxiliary hook operations for safely turning over loads

Rated Capacity Chart

Tracks fully extended; 360° working range; 46.3USt counterweight; Central ballast 19.8USt; Level and stable chassis (Unit: lbs)

	37.4	49.9	62	74.5	86.6	99.1	111.2	123.7	135.8	148.3	160.4	170.6	
ft													ft
10	323170	209440	202830	198420	176370								10
12	246540	209440	202830	198420	176370	130740							12
14	226380	209440	202830	196370	171260	125280	111000						14
16	208790	200770	192820	185670	157010	121130	103400						16
18	192130	187220	178840	172230	147870	114360	101190	85820					18
20	174000	173460	167320	162790	140410	109490	95010	81140	66050				20
25	137040	137140	135100	133560	126910	101490	85970	74420	63470	51100			25
30		112220	111180	113230	109420	91950	76010	67800	59260	51080	43830		30
35		90710	90640	91740	92570	85380	69060	61340	54520	47910	41590	36380	35
40			75350	77330	78240	74750	62340	56010	50230	44740	39380	35060	40
45			62920	64900	65970	64500	56800	50970	46540	41210	37030	33380	45
50				55480	56450	55760	52210	46750	42840	38650	34810	31700	50
55				47930	48980	48290	47340	43150	39480	36120	32630	29680	55
60				41000	43160	42150	42150	40050	36520	33500	30510	27490	60
65					43510	42470	42470	40240	36720	33670	30640	27600	65
70						34740	34300	34080	31590	29240	26670	24460	70
75						31390	30470	30500	29140	27190	24670	22690	75
80						28000	28060	28240	27530	25810	23470	21480	80
85							22620	22410	23250	21920	20360	18370	85
90							24770	24770	23470	23470	21550	19690	90
95								21540	21650	21090	19540	18100	95
100								18000	19970	19580	18360	17090	100
105									18290	18070	17180	16090	105
110									17890	17620	16740	15790	110
115										15370	14490	14250	115
120										14100	13220	13220	120
125										12290	12050	12070	125
130											11880	11920	130
135											10340	10560	135
140											10340	9620	140
145												8100	145
150													150

Dimensions

Unit: ft

