

ZOOMLION

ZOOMLION CHONGQING CRANE MACHINERY CO.,LTD.
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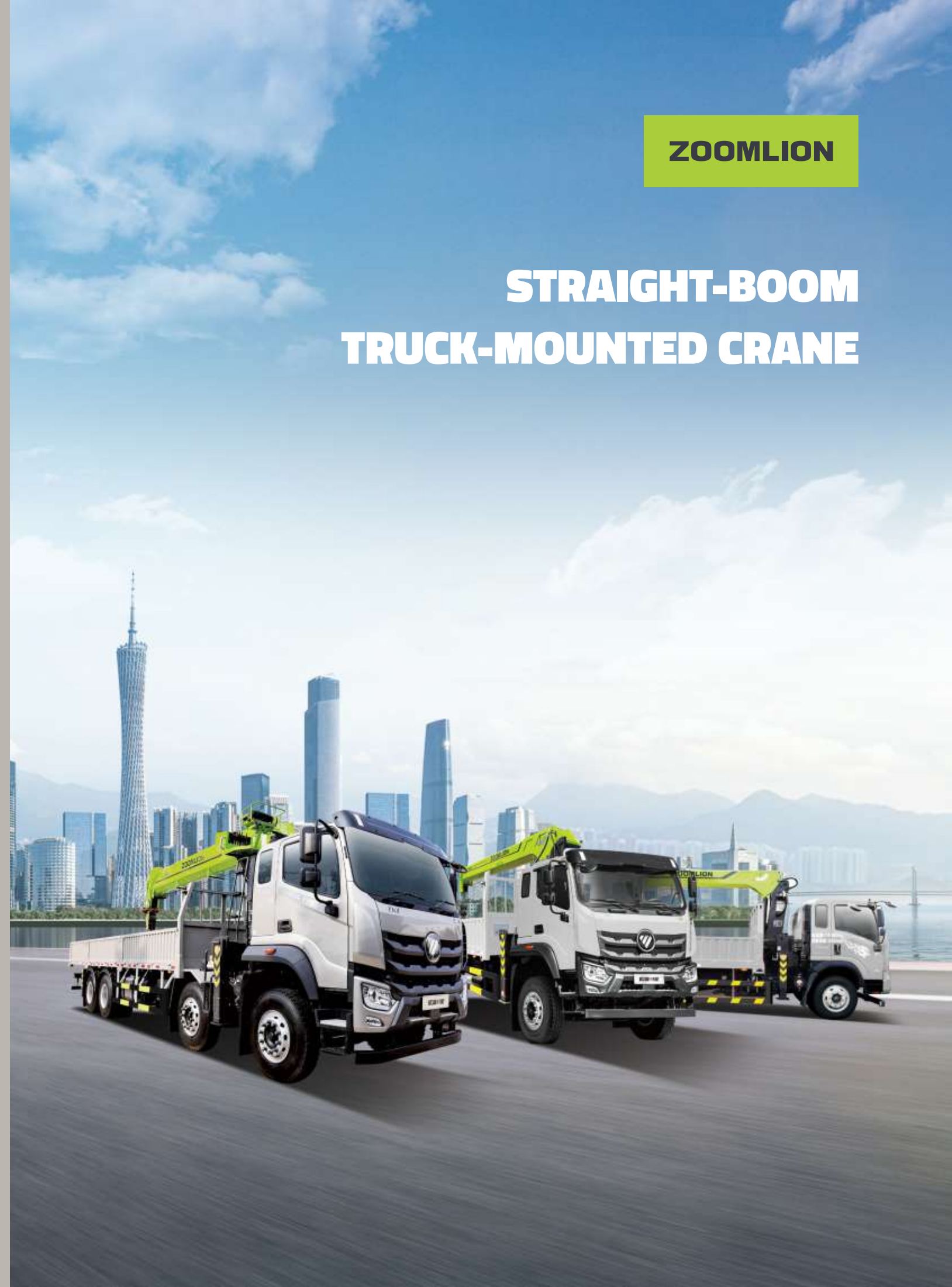


The color combinations "Aurora Green, Starlight Gray, and Gravel Gray" from ZOOMLION have been registered for trademark protection.

website:en.zoomlion.com

ZOOMLION

STRAIGHT-BOOM TRUCK-MOUNTED CRANE



Introduction to the Industrial Park

The "Zoomlion Chongqing Base Loader Crane Intelligent Manufacturing Park" Project, covering an area of 350mu in total, with an annual capacity of CNY 5.6 billion planned, is designed to manufacture 20,000+ high-performance stiff-boom loader cranes and knuckle-boom loader cranes annually, averaging one rolling off the line every 15 minutes.

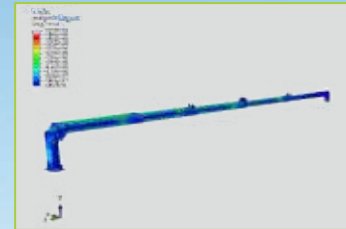
The Park is constructed around the Advanced Manufacturing Technology, aiming for "Intelligence, internationalization and ecologicalization"; the entire factory has 22 intelligent production lines, utilizing 200+ robots of all categories and an intelligent automated storage and retrieval system as well as aerial material transport and 100% real-time data collection from intelligent equipment. Through the interconnection of intelligent production lines, intelligent logistics, intelligent information flow and IT, the integration of advanced manufacturing technology with intelligent data analysis and decision-making will effectively improve the product percent of pass, reduce the manufacturing cost, shorten the delivery time and fully reach the standard of emission. Upon completion, the Project will achieve the output value per unit area and per capita output value, both on the top level of the industry; and become a "smart factory" for manufacturing loader cranes of "internationally first-class and taking lead in China"!

TECHNICAL ADVANTAGE



01

The comprehensive lifting performance of the Product exceeds that of competitors by over 8%, with core parameters like boom length and outrigger span taking lead in the industry.



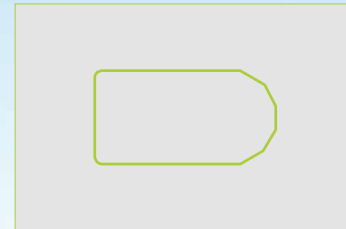
02

The entire crane is optimized through finite element analysis and rigorous experimental verification to maximize the strength, stiffness and reliability of structural members.



03

Superior component quality: HP plunger pumps and plunger motors are commonly used to ensure more durable and efficient operational lifespan.



04

The octagonal boom cross-section design is commonly used for higher load-bearing capacity.



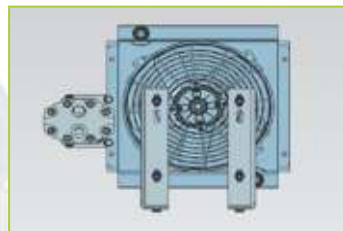
05

Booms made of high-strength steel have a high load-bearing capacity but low dead load.



06

The standard over-winding alarm and panel start/stop function are available to keep work much safer and operation much easier.



07

Their radiator performance is superior to competitors and their Continuous operation capability is more robust.



08

Configurations such as remote control, moment limiter, auxiliary winch and jib are optional to meet the needs of different application scenarios.



Secretariat of the International Organization for Standardization/Crane Technical Committee (ISO/TC96)



National lifting machinery standardization technical committee governing unit



Six national research and innovation platforms



The number of effective invention patents in the machinery and equipment industry rank the first



Mobile crane invention patents authorized 700, rank the first in the industry



Won the National Science and Technology Progress Award twice and the National Patent Gold Award three times



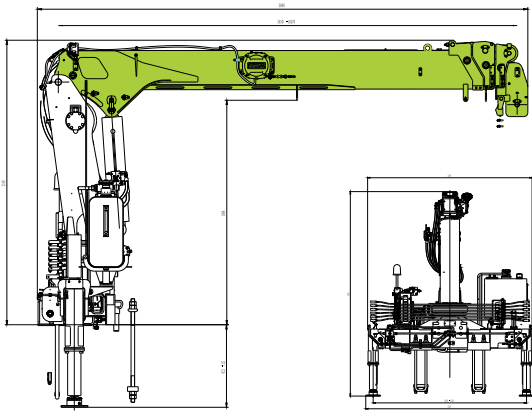
ZLT800V4

Highlights of Superstructure

- **Appearance Molding:** overall adoption of appearance with the new Zoomlion element, based on a refined design concept, utilizing an integrated vehicle design. Integrated design of control console, control levers and electric control box panel, balancing aesthetics and practicality.
- **Boom:** Pentagonal boom cross-section and single-weld boom can effectively transmit stress, making the boom much lighter and the load capacity much higher.
- **Outriggers:** single-stage outriggers with the maximum full extension of 3.55m, equipped with hydraulic cylinder extension/retraction, more convenient than the pull-out-type outriggers of competitors.
- **Lifting:** 4-section boom with rated lifting capacity of 4t; fully-extended boom length of 10.47m; maximum lifting height of 11.8m with rated capacity of 1.2t, the largest in its class within the industry.
- **Hydraulic System:**
 1. Adopted a lever-operated control system, integrating a 6-section main valve, delivering highly precise jogging performance.
 2. Cycloid hoist motor + planetary slewing reducer, for more efficient operation.
 3. Large-displacement HP gear pump, higher efficiency, smoother operation in rapid construction.
 4. Adopted an integrated slewing mechanism, enabling slewing self-lock for higher slewing stability.
- **Configuration:**
 1. Standard over-winding audible alarm, work light and panel start/stop function available for more convenient and rapid operation.
 2. Load moment indicator optional for more assured lifting.
- **System Benefits:**

The crane installation space of 710mm and crane width of 2200mm, adaptable for refitting of all short-wheelbase light-truck chassis. Suitable for lifting operations in various confined spaces as well as municipal construction environments, more flexible and efficient.

Outline Dimensions



Lifting Height Curve

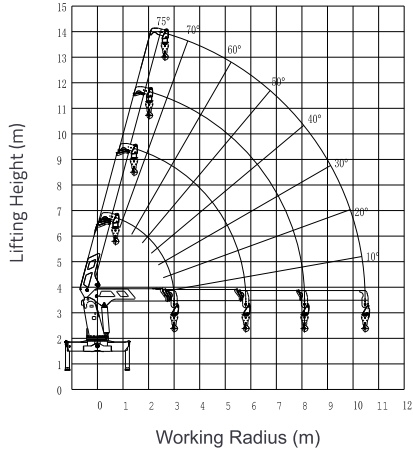


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)			
	3.45	5.8	8.1	10.47
2	4000			
2.3	3200	2420		
2.5	2700	2310	1705	
3	2400	1980	1540	1200
3.5	4	1815	1375	1100
4		1595	1265	1050
4.5		1375	1155	950
5		1210	1045	890
5.5		1140	935	810
6		4	825	750
6.5			748	660
7			680	600
7.5			620	550
8			4	500
8.5				460
9				430
9.5				400
10.2				385
Recommended Factor				4
Maximum Lifting Height (m)	5.5	8.3	10.5	12.8

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	80	kN.m	
Maximum Lifting Height	12.8	m	
Maximum Working Radius	10.2	m	
Rated Lifting Capacity	4000/2.0	kg/m	
	2400/3.0		
	1140/5.5		
	620/7.5		
	385/10.2		
Boom Length	3.45-10.47	m	
Boom Extension Time	15	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	12	s	System Flow
Wire Rope for Lifting	8/64	mm/m	
Lifting Speed (Single Rope)	35	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	1.85	r/min	System Flow
Outrigger Extension Time	8	s	System Flow
Rated Flow Rate of Hydraulic System	60	L/min	
Rated Pressure of Hydraulic System	22	MPa	
Capacity of Hydraulic Oil Tank	70	L	
Outrigger Lateral Span	2070-3550	mm	
Boundary Dimension (L*W*H)	3688×2270×2140	mm	
Crane's Deadweight	1460	kg	Crane Unit Only

ZLT1250V4

Highlights of Superstructure

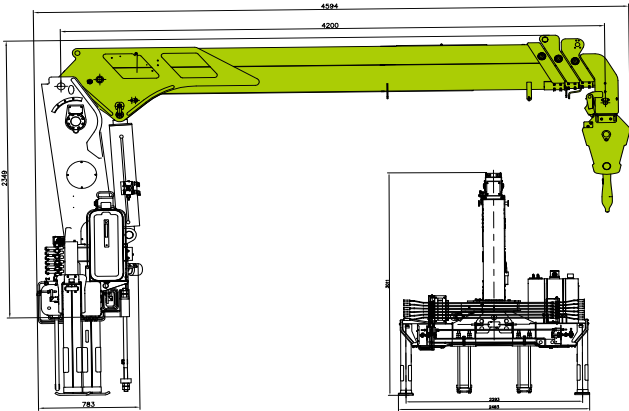
- **Boom:** main lighter steel structure of octagonal large-section high-strength; single telescopic cylinder, higher telescopic capability, 4 sections fully extended to the ultimate 12m boom length, with higher and farther reach.
- **Outriggers:** 5.1m span, more stable.
- **Lifting:** maximum load of 800kg with fully-extended working radius of 11.7m; maximum load of 2,800kg with fully-extended working height of 13.7m; comprehensive mid-to-long boom lifting performance higher than competitors by over 10%.
- **System Benefits:** High-efficiency gear oil pump, high reliability, faster speed of operation, using proven hydraulic parts and components for higher reliability, optional fixed rear outriggers for better operational stability.

Highlights of the Loader Crane

- Overall length: 7.3m, width: 2.55m, overall height: 3.57m and better passability.
- Equipped with the new 21-style cab, OEM-fitted electronically controlled AC, multifunctional steering wheel (MP3+Bluetooth), metallic paint, fully-wrapped interior, central lock with power-driven window, remote key, remote throttle, OEM-fitted PTO, onboard satellite positioning terminal, right-turn audible warning and 1MPa for a more comfortable ride.
- Weichai 160hp China-VI Engine, Fast Gear 8-speed transmission, 8.25R20 16PR steel wire tyres.
- Front axle 4.5T + rear axle 9T, frame with a 245-mm full-length three-layer beam, wheelbase of 3,900mm and curb weight of 8,200kg.
- Container length: 4.3m, width: 2.45m, container height: 0.55m and larger space.



Outline Dimensions



Lifting Height Curve

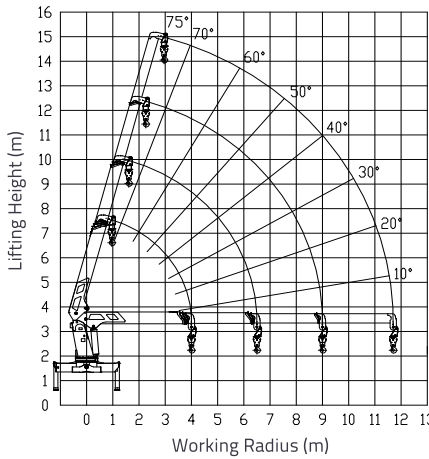


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)			
	4.2	6.8	9.4	12
2.5	5000	3400	3200	2800
3	4000	3400	3200	2800
3.5	3600	3000	2900	2450
4	2900	2800	2600	2200
4.5		2700	2370	2000
5		2450	2200	1850
5.5		2200	2000	1700
6		2000	1850	1550
6.5		1900	1700	1450
7			1600	1350
7.5			1500	1260
8			1400	1200
8.5			1300	1150
9			1250	1100
9.5				1000
10				960
10.5				930
11				880
11.7				800
Recommended Factor	4	4	4	4
Maximum Lifting Height (m)	6.1	8.6	11.2	13.7

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	125	kN.m	
Maximum Lifting Height	13.7	m	
Maximum Working Radius	11.7	m	
Rated Lifting Capacity	5000/2.5	kg/m	
	2900/4.0		
	1900/6.5		
	1250/9		
	800/11.7		
Boom Length	4.2-12	m	
Boom Extension Time	21	s	System Flow
Luffing Angle	0-78	°	
Minimum Boom Raising Time	20	s	System Flow
Wire Rope for Lifting	10/68	mm/m	
Lifting Speed (Single Rope)	60	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	2	rpm	System Flow
Outrigger Extension Time	6	s	System Flow
Rated Flow Rate of Hydraulic System	60	L/min	
Rated Pressure of Hydraulic System	20	MPa	
Capacity of Hydraulic Oil Tank	90	L	
Outrigger Lateral Span	2170-5100	mm	
Boundary Dimension (L*W*H)	4594x2483x3011	mm	
Crane's Deadweight	2250	kg	Crane Unit Only

ZLT1750V4

Highlights of Superstructure

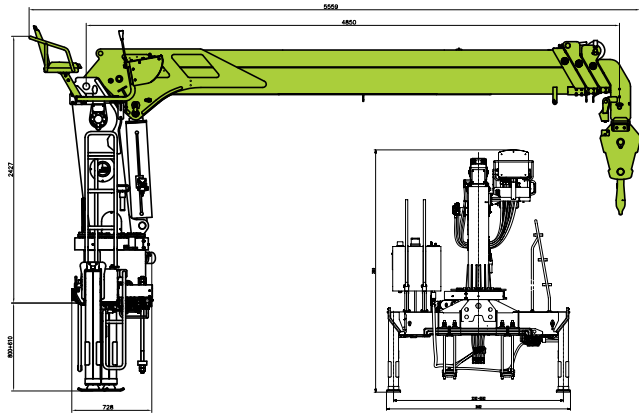
- **Boom:** main lighter steel structure of octagonal large-section high-strength; single telescopic cylinder, higher telescopic capability, 4 sections fully extended to the ultimate 14m boom length, with higher and farther reach.
- **Outriggers:** 5.5m span, more stable.
- **Lifting:** maximum load of 800kg with fully-extended working radius of 13.7m; maximum load of 2,790kg with fully-extended working height of 15.7m; comprehensive mid-to-long boom lifting performance higher than competitors by over 10%.
- **System Benefits:** High-efficiency gear oil pump with high reliability and faster speed of operation, using optional radiator for more sustained operational capability, standard over-winding alarm and panel start/stop function for much easier operation.

Highlights of the Loader Crane

- Overall length: 8.275m, width: 2.55m, overall height: 3.65m and better passability.
- New D1 extended cab adopted, with OEM air conditioner, airbag seat, multifunctional steering wheel, satellite positioning function dash cam, daytime running light, side and rear guard for a more comfortable ride.
- Yuchai 180hp China-VI Engine, Fast Gear 8-speed transmission, 9.00R20 16PR steel wire tyres.
- Front axle 5T + rear axle 10T, frame with a 280-mm full-length three-layer beam, wheelbase of 4,500mm and curb weight of 10,800kg.
- Container length: 5m, width: 2.45m, container height: 0.6m and larger space.



Outline Dimensions



Lifting Height Curve

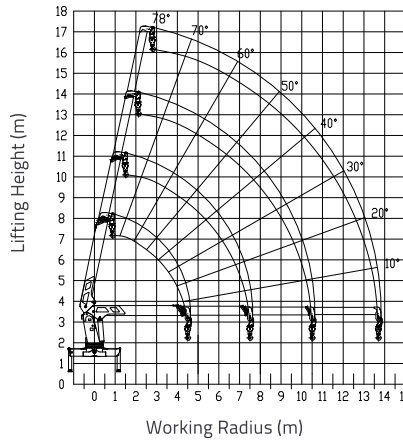


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)			
	4.85	7.9	10.95	14
2.5	7000	5500	4310	
3	6100	5400	3820	
3.5	5190	4840	3400	2790
4	4430	4330	3060	2520
4.5	3870	3900	2790	2300
5		3520	2560	2110
5.5		3150	2350	1960
6		2850	2200	1820
6.5		2600	2050	1700
7		2370	1910	1590
7.5		2180	1800	1490
8			1690	1420
8.5			1610	1340
9			1520	1260
9.5			1450	1200
10			1380	1130
10.5			1320	1070
11				1020
11.5				970
12				940
12.5				890
13				870
13.7				800
Recommended Factor	6	6	4	4
Maximum Lifting Height (m)	6.8	9.8	12.8	15.7

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	175	kN.m	
Maximum Lifting Height	15.7	m	
Maximum Working Radius	13.7	m	
Rated Lifting Capacity	7000/2.5	kg/m	
	3870/4.5		
	2180/7.5		
	1320/10.5		
Boom Length	4.85-14	m	
Boom Extension Time	30	s	System Flow
Luffing Angle	0-78	°	
Minimum Boom Raising Time	20	s	System Flow
Wire Rope for Lifting	10/78	mm/m	
Lifting Speed (Single Rope)	30	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	1.4	rpm	System Flow
Outrigger Extension Time	11	s	System Flow
Rated Flow Rate of Hydraulic System	60	L/min	
Rated Pressure of Hydraulic System	20	MPa	
Capacity of Hydraulic Oil Tank	90	L	
Outrigger Lateral Span	2292-5502	mm	
Boundary Dimension (L*W*H)	5555x2481x2427	mm	
Crane's Deadweight	2710	kg	Crane Unit Only

ZLT2000V4

Highlights of Superstructure

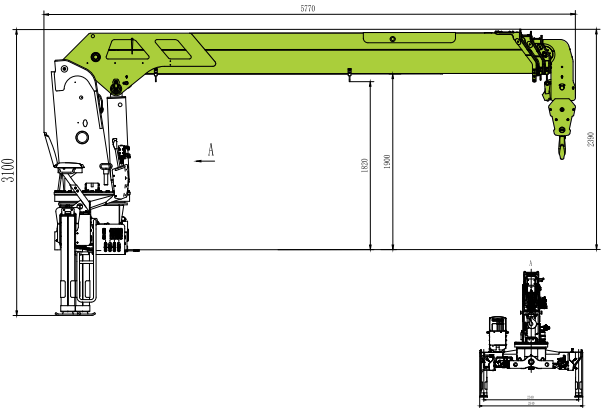
- **Boom:** lighter hexagonal large-section high-strength main steel structure; 4-section fully extended to an ultimate 15.2-meter boom length for higher and farther reach; reinforced stronger single-cylinder dual-rope synchronous telescoping mechanism.reinforced single-cylinder dual-rope synchronous telescoping mechanism, which is much stronger.
- **Outriggers:** 6m span, more stable.
- **Lifting:** maximum load of 0.9t with fully-extended working radius of 14.9m; maximum load of 3.3t with fully-extended working height of 16.9m; comprehensive mid-to-long boom lifting performance higher than competitors by over 10%.
- **System Benefits:** Planetary slewing, plunger winch for more durable life of parts and components; standard radiator equipped for more persistent operational capability; standard over-winding alarm and panel start/stop for much easier operation; installation space of 0.8m, container length over 6m for stronger transport capacity.

Highlights of the Loader Crane

- **Overall length:** 9m, width: 2.55m, overall height: 3.67m and better passability.
- DFAC Huashen DV3 single-row cab adopted, with OEM air conditioner, airbag seat, multifunctional steering wheel, LCD dashboard, satellite positioning function dash cam, LED daytime running light, side and rear guard for a more comfortable ride.
- Yuchai 200hp China-VI Engine, Fast Gear 8-speed transmission, 10.00R2018PR steel wire tyres.
- Front axle 5T + rear axle 10T, frame with a 280-mm full-length three-layer beam, wheelbase of 5,100mm and curb weight of 12,100kg.
- Container length: 6.0m, width: 2.45m, container height: 0.6m and larger space.



Outline Dimensions



Lifting Height Curve

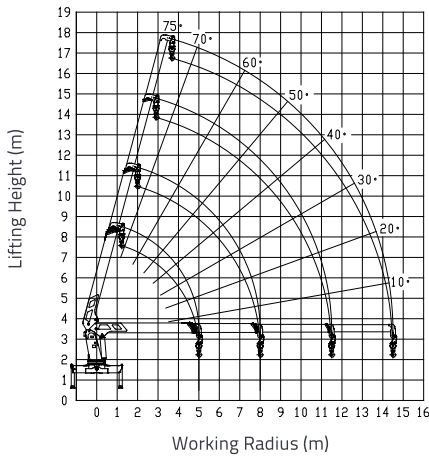


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)			
	5.4	8.66	11.93	15.2
2.5	8000	6300		
3	7350	6000	5300	
3.5	6350	5900	5000	3300
4	5600	5200	4500	3300
4.5	4900	4650	4100	3550
5	4400	4200	3750	3200
5.5		3850	3450	3000
6		3500	3200	2700
6.5		3250	3000	2550
7		3000	2750	2400
7.5		2800	2550	2250
8		2600	2400	2100
8.5		2400	2250	2000
9			2100	1850
9.5			2000	1750
10			1850	1600
10.5			1800	1550
11			1700	1500
11.5			1600	1400
12				1350
12.5				1300
13				1250
14				1100
14.5				1000
14.9				900
Recommended Factor	6	6	4	4
Maximum Lifting Height (m)	7.8	10.7	14	16.9

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	200	kN.m	
Maximum Lifting Height	16.9	m	
Maximum Working Radius	14.9	m	
Rated Lifting Capacity	8000/2.5	kg/m	
	4400/5.0		
	2400/8.5		
	1600/11.5		
	900/14.9		
Boom Length	5.4-15.2	m	
Boom Extension Time	17	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	14	s	System Flow
Wire Rope for Lifting	10/100	mm/m	
Lifting Speed (Single Rope)	78	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	2.5	rpm	System Flow
Outrigger Extension Time	10	s	System Flow
Rated Flow Rate of Hydraulic System	80	L/min	
Rated Pressure of Hydraulic System	26	MPa	
Capacity of Hydraulic Oil Tank	200	L	
Outrigger Lateral Span	2350 6000	mm	
Boundary Dimension (L*W*H)	5827x2541x2473	mm	
Crane's Deadweight	3500	kg	Crane Unit Only



ZLT2000V5

Highlights of Superstructure

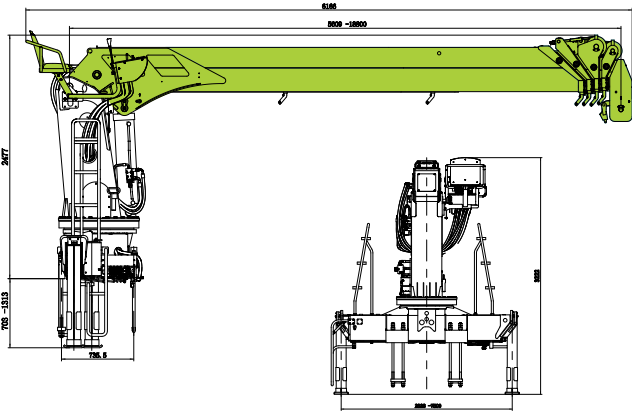
- Duel-stage outriggers, large 7.5m span, industry-leading in its class, better stability.
- Octagonal boom cross-section, main body made of high-strength steel.
- 18.8m boom length and extra-wide range of lifting.
- Plunger motor hoisting mechanism, greater hoisting capacity, faster and smoother hoisting.
- Standard radiator equipped to ensure robust continuous operational capability of the product.
- Planetary reduction slewing mechanism, with high mechanical efficiency, providing more powerful and stable slewing, and softer start-stop impact.
- Standard over-winding alarm, panel start/stop function available for more convenient and rapid operation.

Highlights of the Loader Crane

- Overall length: 9m, width: 2.55m, overall height: 3.696m and better passability.
- 2020 J6L semi-floating flat-top single-row cab, power-driven window glass lifting, power-driven mirrors, driver's air-suspension seat, single-DIN Beidou-compatible vehicle system, center seat and all-new interior for a more comfortable ride.
- Dalian Diesel 243hp China-VI Engine, Fast Gear 8-speed transmission, 10.00R20 18-ply steel wire tyres.
- Front axle 6.5T + rear axle 11.5T, frame with a 288-mm full-length three-layer beam, wheelbase of 5,000mm and curb weight of 12,080kg.
- Container length: 6m, width: 2.45m, container height: 0.6m and larger space.



Outline Dimensions



Lifting Height Curve

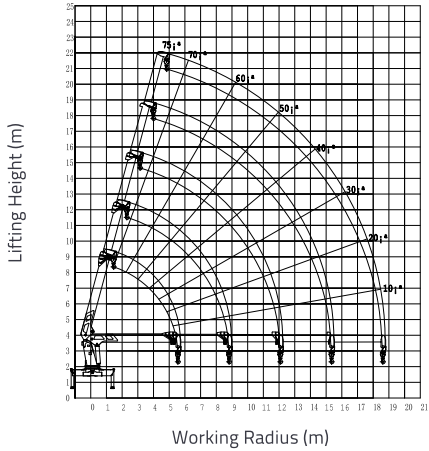


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)				
	5.5	8.82	12.15	15.48	18.8
2.5	8000	6200			
3	6800	6000	5100		
3.5	5860	5500	5000	3500	
4	5200	4900	4500	3300	
4.5	4600	4400	4000	2900	2500
5	4100	4000	3600	2700	2400
5.5		3600	3300	2500	2200
6		3300	3000	2300	2000
6.5		3000	2800	2200	1900
7		2800	2560	2000	1800
7.5		2600	2400	1900	1650
8		2500	2300	1800	1600
8.5		2300	2100	1700	1500
9			2000	1650	1450
9.5			1860	1550	1360
10			1760	1500	1300
10.5			1700	1450	1250
11			1600	1370	1200
11.5			1500	1300	1150
12			1400	1260	1100
13				1200	1050
14				1100	950
15				1000	900
16					850
17					800
18					750
18.5					650
Recommended Factor	6	6	4	4	2
Maximum Lifting Height (m)	8.3	11.5	14.6	17.8	20.5

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	200	kN.m	
Maximum Lifting Height	20.5	m	
Maximum Working Radius	18.5	m	
Rated Lifting Capacity	8000/2.5	kg/m	
	4100/5.0		
	2300/8.5		
	1400/12.0		
	1000/15.0		
	650/18.5		
Boom Length	5.6-18.8	m	
Boom Extension Time	24	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	17	s	System Flow
Wire Rope for Lifting	10/110	mm/m	
Lifting Speed (Single Rope)	65	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	2.1	r/min	System Flow
Outrigger Extension Time	12	s	System Flow
Rated Flow Rate of Hydraulic System	80	L/min	
Rated Pressure of Hydraulic System	26	MPa	
Capacity of Hydraulic Oil Tank	200	L	
Outrigger Lateral Span	2328-7500	mm	
Boundary Dimension (L*W*H)	6166×2518×2477	mm	
Crane's Deadweight	3380	kg	Crane Unit Only

ZLT2500V5

Highlights of Superstructure

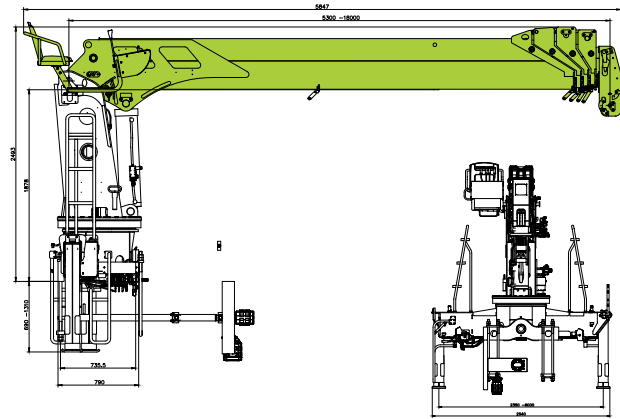
- Single-stage outriggers, large 6m span, industry-leading in its class, better stability.
- Octagonal boom cross-section, with main structure made of high-strength steel, 18m boom length for an extra-wide range of lifting.
- Dual-cylinder telescoping for outstanding mid-to-long boom loading capability.
- Plunger motor hoisting mechanism, greater hoisting capacity, faster and smoother hoisting.
- Standard radiator equipped for higher Continuous operational capability; standard over-winding alarm and panel start/stop function for much easier and faster operation.
- Planetary reduction slewing mechanism, with high mechanical efficiency, providing more powerful and stable slewing, and softer start-stop impact.

Highlights of the Loader Crane

- Overall length: 9m, width: 2.55m, overall height: 3.67m and better passability.
- DFAC Huashen DV3 single-row cab adopted, with OEM air conditioner, airbag seat, multifunctional steering wheel, LCD dashboard, satellite positioning function dash cam, LED daytime running light, side and rear guard for a more comfortable ride.
- Yuchai 200hp China-VI Engine, Fast Gear 8-speed transmission, 10.00R20 18PR steel wire tyres.
- Front axle 5T + rear axle 10T, frame with a 280-mm full-length three-layer beam, wheelbase of 5,100mm and curb weight of 12,100kg.
- Container length: 6.0m, width: 2.45m, container height: 0.6m and larger space.



Outline Dimensions



Lifting Height Curve

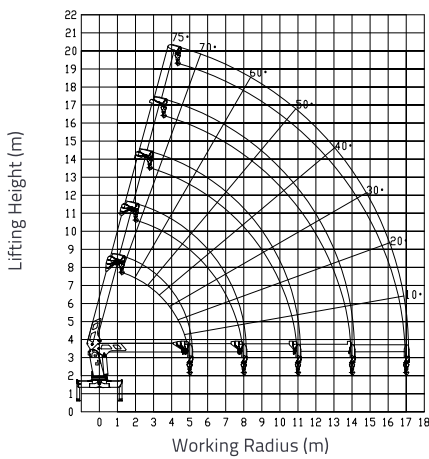


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)				
	5.3	8.475	11.65	14.825	18
2.5	10000	7250			
3	8510	7250			
3.5	7310	6440	5820		
4	6410	5660	5570		
4.5	5670	5020	4960	4640	
5	5070	4510	4470	4210	3860
5.5		4070	4050	3830	3560
6		3700	3690	3510	3290
6.5		3390	3410	3240	3040
7		3130	3140	2990	2820
7.5		2890	2910	2780	2620
8		2670	2710	2590	2460
8.5			2520	2430	2300
9			2380	2280	2160
9.5			2230	2140	2030
10			2100	2020	1910
11			1870	1800	1710
12				1620	1560
13				1480	1410
14				1340	1290
15					1170
16					1080
17					1000
Recommended Factor	6	6	4	4	2
Maximum Lifting Height (m)	7.8	10.6	13.5	16.3	19.5

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	250	kN.m	
Maximum Lifting Height	19.5	m	
Maximum Working Radius	17.6	m	
Rated Lifting Capacity	10000/2.5	kg/m	
	5070/5.0		
	2670/8.0		
	1870/11.0		
	1340/14.0		
Boom Length	5.3-18	m	
Boom Extension Time	55	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	20	s	System Flow
Wire Rope for Lifting	10/110	mm/m	
Lifting Speed (Single Rope)	83	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	2	r/min	System Flow
Outrigger Extension Time	12	s	System Flow
Rated Flow Rate of Hydraulic System	80	L/min	
Rated Pressure of Hydraulic System	26	MPa	
Capacity of Hydraulic Oil Tank	200	L	
Outrigger Lateral Span	2350-6000	mm	
Boundary Dimension (L*W*H)	5847×2540×2493	mm	
Crane's Deadweight	3800	kg	Crane Unit Only

ZLT3000V4

Highlights of Superstructure

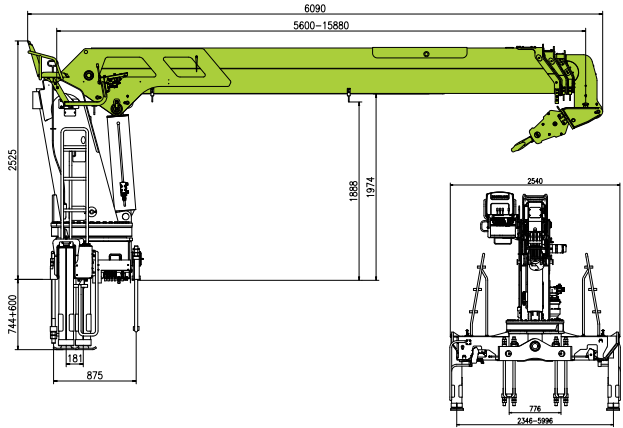
- The outrigger span is the largest in its class within the industry – 6m, offering even better stability.
- Reinforced single-cylinder dual-rope synchronous telescoping mechanism, with better reliability.
- High-strength large-arc boom main structure, lightweight while having stronger lifting performance
- Equipped with auto hook retractor, providing larger cargo loading space after the hook is retracted.
- Standard over-winding audible alarm, work light and panel start/stop function available for more convenient and rapid operation.
- Dual hydraulic pump drive for higher efficiency.

Highlights of the Loader Crane

- Overall length: 12m, width: 2.55m, overall height: 3.8m and better passability.
- New D1 extended cab adopted, with OEM air conditioner, airbag seat, multifunctional steering wheel, LCD dashboard, satellite positioning function dash cam, LED daytime running light, side and rear guard for a more comfortable ride.
- Yuchai 270hp China-VI Engine, Fast Gear 9-speed transmission, 11.00R20 18PR steel wire tyres.
- Front axle 5.5T + rear axle 10T, frame with a 280-mm full-length three-layer beam, wheelbase of 5850+1350mm and curb weight of 16,270kg.
- Container length: 8.5m, width: 2.45m, container height: 0.6m and larger space.



Outline Dimensions



Lifting Height Curve

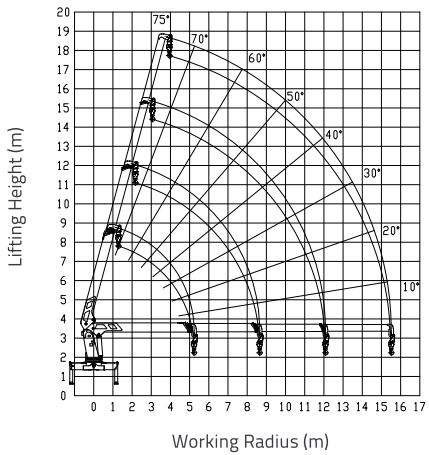


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)			
	5.6	9.02	12.45	15.88
2.2	13000			
2.5	12000	7100		
3	10710	7100		
3.5	9280	7100	5600	
4	8140	7100	5600	4100
4.5	7210	6750	5600	4100
5	6430	6100	5380	4100
5.5		5570	4930	4100
6		5110	4540	3800
6.5		4710	4210	3530
7		4370	3940	3290
7.5		4080	3680	3070
8		3810	3450	2880
8.5		3560	3240	2730
9			3050	2580
9.5			2900	2440
10			2750	2320
11			2480	2100
12			2240	1920
13				1780
14				1640
15				1520
15.5				1460
Recommended Factor	6	4	4	4
Maximum Lifting Height (m)	7.5	10.8	14.2	17.5

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	330	kN.m	
Maximum Lifting Height	17.5	m	
Maximum Working Radius	15.5	m	
Rated Lifting Capacity	13000/2.2	kg/m	
	6430/5.0		
	3560/8.5		
	2240/12.0		
Boom Length	5.6-15.88	m	
Boom Extension Time	28	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	26	s	System Flow
Wire Rope for Lifting	12/100	mm/m	
Lifting Speed (Single Rope)	60	m/min	System Flow
Auxiliary Lifting Wire Rope	12/50	mm/m	
Auxiliary Lifting Speed (Single Rope)	33	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	1.7	r/min	
Outrigger Extension Time	80/60	s	
Rated Flow Rate of Hydraulic System	80/60	L/min	
Rated Pressure of Hydraulic System	26	MPa	
Capacity of Hydraulic Oil Tank	270	L	
Outrigger Lateral Span	2346-5996	mm	
Boundary Dimension (L * W * H)	6090 × 2540 × 2525	mm	With No Auxiliary Winch Provided
	7213 × 2540 × 2663	mm	With Auxiliary Winch
Crane's Deadweight	4300	kg	Crane Unit Only



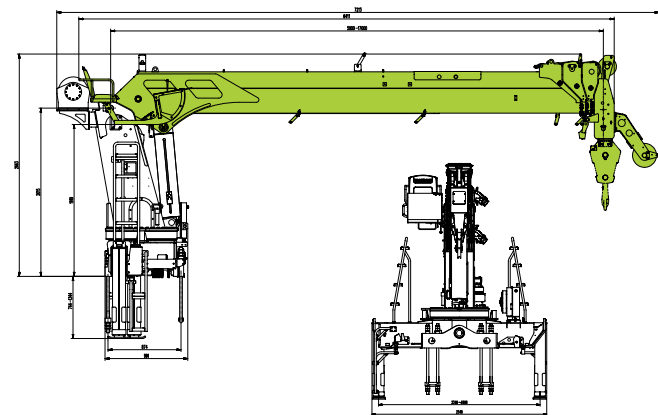
ZLT3000H4

Highlights of Superstructure

- Boom:** fully-extended length of 17m; maximum lifting height of 18.5m, the largest in its class within the industry. A large octagonal cross-section made of high-strength steel is adopted to provide strong boom rigidity and minimal deflection under load.
- Outriggers:** featured the industry's largest 6m span in the same class for better stability.
- Lifting Performance:** stronger lifting performance in high-frequency conditions, with mid-to-long boom lifting capacity higher than competitors by 10%. Maximum load of 1,200kg with fully-extended radius of 16.5m; maximum load of 4,200kg with fully-extended working height of 18.5m.
- System Benefits:** The second-generation product features a comprehensively upgraded hydraulic system, with Zoomlion's self-developed proportional valves as standard across the entire series, enabling any combined movement with industry-leading micro-motion performance. A high-flow HP system is adopted to comprehensively improve operational efficiency and reduce your operating cost. Plunger motor + planetary reducer are adopted for more powerful and stable slewing.
- Electrical System:** Standard over-winding audible alarm and panel start/stop function, making the product operation more convenient and faster, and the use much safer and more efficient. To meet the user's need, offer a richer selection of configuration for optional installation:
 - Optional moment limiter installed, featuring overload alarm and restriction of dangerous action.
 - Optional remote controller installed, available in both basic and advanced versions to meet different needs.
 - Optional auxiliary winch with hook-let to improve lifting efficiency.
 - Optional double-chamber rear outriggers for better operational stability.



Outline Dimensions



Lifting Height Curve

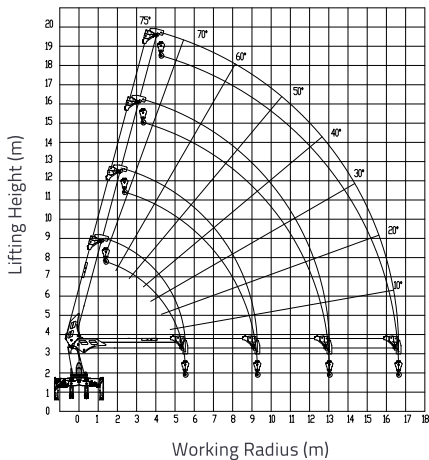


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)			
	5.9	9.65	13.4	17
2.5	12000	7100		
3	10710	7100		
3.5	9280	7100	5800	
4	8140	7100	5700	4200
4.5	7210	6750	5600	4200
5	6430	6100	5340	4100
5.5	5500	5570	4930	4000
6		5110	4540	3700
6.5		4710	4210	3530
7		4370	3940	3290
7.5		4080	3680	3070
8		3810	3450	2880
8.5		3560	3240	2730
9		3100	3050	2580
9.5			2900	2440
10			2750	2320
11			2480	2100
12			2240	1920
13			1950	1780
14				1640
15				1520
15.5				1450
16				1300
16.5				1200
Recommended Factor	6	4	4	4
Maximum Lifting Height (m)	7.5	11.1	15	18.5

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	325	kN.m	
Maximum Lifting Height	18.5	m	
Maximum Working Radius	16.5	m	
Rated Lifting Capacity	12000/2.5	kg/m	
	5500/5.5		
	3100/9.0		
	1950/13.0		
	1200/16.5		
Boom Length	5.9-17	m	
Boom Extension Time	17	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	14	s	System Flow
Wire Rope for Lifting	12/100	mm/m	
Lifting Speed (Single Rope)	62	m/min	System Flow
Auxiliary Lifting Wire Rope	12/50	mm/m	
Auxiliary Lifting Speed (Single Rope)	33	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	2.85	r/min	System Flow
Outrigger Extension Time	6.7	s	System Flow
Rated Flow Rate of Hydraulic System	100	L/min	
Rated Pressure of Hydraulic System	26	MPa	
Capacity of Hydraulic Oil Tank	240	L	
Outrigger Lateral Span	2346-5996	mm	
Boundary Dimension (L * W * H)	6247×2540×2600	mm	With No Auxiliary Winch Provided
	7213×2540×2663	mm	With Auxiliary Winch
Crane's Deadweight	4300	kg	Crane Unit Only

ZLT3000V5

Highlights of Superstructure

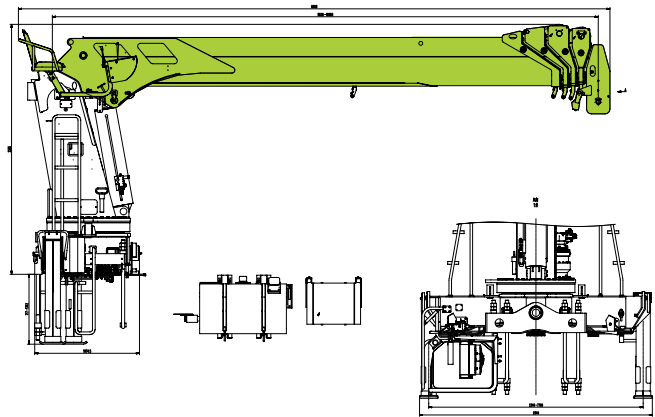
- 5-section boom, with rated lifting capacity of 12t, fully extended length of 19m and maximum lifting height of 20.5m.
- The two-stage telescopic outrigger span is the largest in its class within the industry – 7.7m, offering even better stability.
- 2-stage telescopic cylinder, single extension of 2-section boom, stronger mid-to-long boom lifting performance.
- Octagonal boom, made of high-strength welded structural steel, with light deadweight and stronger load-bearing capacity.
- Standard over-winding audible alarm, work light and panel start/stop function available for more convenient and rapid operation.
- Dual hydraulic pump drive for higher efficiency.

Highlights of the Loader Crane

- Overall length: 12m, width: 2.55m, overall height: 3.84m and better passability.
- Equipped with Xuande Wing 6 Cab, four-point suspended cab, auto air conditioner with aviation-style airbag seat, genuine leather multifunctional steering wheel, central lock, illuminated emblem, dashcam, remote throttle, fully enclosed rearview mirrors and sunvisor for a more comfortable ride.
- Yuchai 270hp China-VI Engine, Fast Gear 9-speed transmission, 11.00R20 steel wire tyres.
- Front axle 6.5T + rear axle 11.5T, frame with a 300-mm full-length three-layer beam, wheelbase of 5,800+1,300mm and curb weight of 17,600kg.
- Container length: 8.35m, width: 2.45m, container height: 0.6m and larger space.



Outline Dimensions



Lifting Height Curve

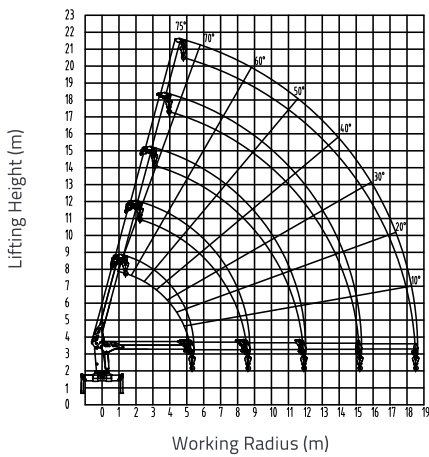


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)				
	5.6	8.95	12.3	15.65	19
2.5	12000	8400			
3	10000	8353			
3.5	8500	7234	6100		
4	7500	6381	6100		
4.5	6600	5680	5719	4800	
5	6000	5105	5155	4800	3600
5.5		4641	4699	4482	3438
6		4234	4298	4106	3231
6.5		3883	3953	3782	3064
7		3596	3670	3517	2898
7.5		3330	3408	3270	2746
8		3092	3174	3050	2589
8.5		2878	2966	2854	2431
9			2780	2696	2286
9.5			2629	2540	2153
10			2479	2396	2033
11			2216	2149	1828
12				1936	1668
13				1754	1517
14				1612	1384
15				1475	1267
16					1163
17					1088
18					1011
18.5					983
Recommended Factor	6	6	4	4	2
Maximum Lifting Height (m)	7.6	10.8	13.4	17.1	20.5

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	330	kN.m	
Maximum Lifting Height	20.5	m	
Maximum Working Radius	18.6	m	
Rated Lifting Capacity	12000/2.5	kg/m	
	6000/5.0		
	2878/8.5		
	2216/11.0		
	1475/15		
Boom Length	5.6-19	m	
Boom Extension Time	35	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	21	s	System Flow
Wire Rope for Lifting	Φ12/110	mm/m	
Lifting Speed (Single Rope)	81	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	2.16	rpm	System Flow
Outrigger Extension Time	35	s	System Flow
Rated Flow Rate of Hydraulic System	80/60	L/min	
Rated Pressure of Hydraulic System	26	MPa	
Capacity of Hydraulic Oil Tank	270	L	
Outrigger Lateral Span	2340-7700	mm	
Boundary Dimension (L*W*H)	6068×2540×2565	mm	
Crane's Deadweight	5230	kg	Crane Unit Only



ZLT3000V5 Second-Generation Upgrade

Highlights of Superstructure

ZLT3000V5 Second-Generation Upgrade

- The entire crane is provided with new Zoomlion element appearance, based on a refined design concept, with overall appearance optimization to enhance maintenance space. Ease of oil filling and draining.
- The large arc fully-enclosed design is adopted for the console as a whole to increase the console space by 15%; seat design fully considering operational comfort and adding more comprehensive protective armrests, making operation more comfortable.

Performance Upgrade

- 5-section boom rated lifting capacity of 12t, fully-extended boom length of 20m and maximum lifting height of 21.5m.
- The octagonal boom can effectively transfer stress, making the boom structure stronger, lighter and with greater load-bearing capacity.
- The two-stage telescopic outrigger span is the largest in its class within the industry – 7.7m, offering even better stability.
- Reinforced 2-stage telescopic cylinder, higher reliability, single extension of 2-section boom, stronger mid-to-long boom lifting performance.

System Upgrade

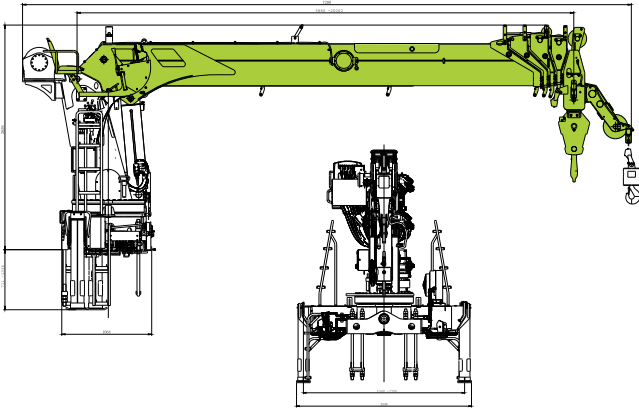
- The main valve is a proportional valve, with plunger winch motor, two-stage planetary slewing reducer and superior hydraulic system.
- Large-displacement HP gear pump, higher efficiency, smoother operation in rapid construction.

Configuration Upgrade

- Standard over-winding audible alarm, work light and panel start/stop function available for more convenient and rapid operation.
- Load moment indicator optional for more assured lifting.
- Optional auxiliary winch installed for adaption to more application scenarios.
- Optional remote controller for freer operation.



Outline Dimensions



Lifting Height Curve

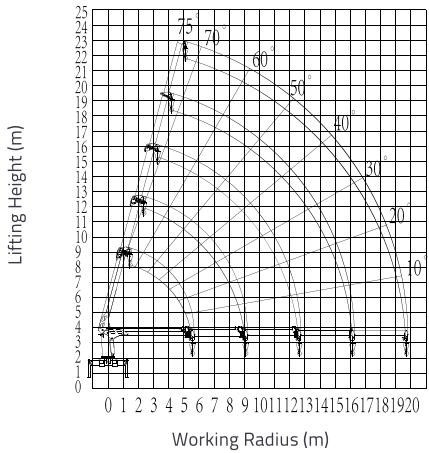


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)				
	5.88	9.41	12.94	16.47	20
2.5	12000	8400			
3	10000	8200			
3.5	8500	7400	6100		
4	7500	6500	6100		
4.5	6500	5800	5700	4800	
5	6000	5200	5000	4800	3500
5.5	5200	4700	4650	4400	3300
6		4300	4250	4100	3200
6.5		4000	3900	3700	3000
7		3700	3600	3450	2800
7.5		3400	3300	3200	2700
8		3200	3100	3000	2600
8.5		2900	2850	2800	2500
9		2800	2700	2600	2400
9.5			2600	2500	2200
10			2500	2300	2100
11			2200	2100	1900
12			2100	1900	1800
13				1700	1500
14				1600	1300
15				1400	1200
16				1300	1100
17					1000
18					950
19					900
19.6					850
Recommended Factor	6	6	4	4	2
Maximum Lifting Height (m)	8.4	11.8	15.1	18.5	21.5

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	300	kN.m	
Maximum Lifting Height	21.5	m	
Maximum Working Radius	19.6	m	
Rated Lifting Capacity	12000/2.5	kg/m	
	5200/5.5		
	2900/8.5		
	2100/12.0		
	1300/16.0		
	850/19.6		
Boom Length	5.88-20	m	
Boom Extension Time	39	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	23	s	System Flow
Main Lifting Wire Rope	Φ12/110	mm/m	
Main Lifting Speed (Single Rope)	51	m/min	System Flow
Auxiliary Lifting Wire Rope	Φ12/50	mm/m	
Auxiliary Lifting Speed (Single Rope)	42	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	2.2	rpm	System Flow
Rated Flow Rate of Hydraulic System	100	L/min	
Rated Pressure of Hydraulic System	26	MPa	
Capacity of Hydraulic Oil Tank	240	L	
Outrigger Lateral Span	2340-7700	mm	
Boundary Dimension (L * W * H)	6400×2540×2565	mm	With No Auxiliary Winch Provided
	7200×2540×2659	mm	With Auxiliary Winch
Crane's Deadweight	5230	kg	Crane Unit Only



- Boom: main lighter steel structure or hexagonal large-section high-strength; double telescopic cylinder, higher telescopic capability, 5 sections fully extended to the ultimate 20m boom length, with higher and farther reach.
- Outriggers: 8m span, more stable.
- Lifting: maximum load of 1.06t with fully-extended working radius of 19.6m; maximum load of 4.95t with fully-extended working height of 21.5m; comprehensive mid-to-long boom lifting performance higher than competitors by over 10%.
- System Benefits: dual hydraulic oil pumps can increase the hoisting speed, meet the requirement for compound motion; standard radiator equipped for longer operational capability; standard over-winding warning equipped and panel start/stop function equipped for much easier operation.

- Overall length: 12m, width: 2.55m, overall height: 3.9m and better passability.
- Delong New M3000 Cab is adopted with the cab hydraulic suspension, main airbag seat, manual tilting, power-driven air conditioner, electric window regulator, four-channel ABS made in China, Celestial Rover Smart Elegance Edition BD vehicle terminal, for more comfortable driving and riding.
- Weichai 350hp China-VI Engine, Fast Gear 12-speed transmission, 12.00R20 steel wire tyres.
- Front axle 7.5T + rear axle 16T, frame with a 308mm full-length three-layer beam, wheelbase of 2100+4575+1400mm and curb weight of 20,860kg.



Working Radius (m)	Boom Extension Length (m)				
	5.8	9.35	12.9	16.45	20
2.2	15000				
2.5	14000	12800			
3	11630	10800			
3.5	9940	9310	8000		
4	8670	8100	7500		
4.5	7680	7150	6930	6550	
5	6900	6400	6160	5840	
5.5		5780	5520	5250	4950
6		5260	5000	4760	4520
6.5		4830	4550	4350	4150
7		4450	4170	4000	3840
7.5		4130	3840	3690	3560
8		3850	3550	3420	3310
8.5		3600	3290	3180	3100
9			3060	2970	2900
9.5			2860	2780	2730
10			2680	2620	2420
11			2360	2320	2170
12			2100	2080	1960
13				1870	1770
14				1700	1620
15				1540	1480
16				1410	1350
17					1250
18					1150
19					1060
Recommended Factor	6	6	4	4	2
Maximum Lifting Height (m)	7.6	11	14.5	18.5	21.5

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	350	kN.m	
Maximum Lifting Height	21.5	m	
Maximum Working Radius	19.6	m	
Rated Lifting Capacity	15000/2.2	kg / m	
	6900/5.0		
	3600/8.5		
	2100/12.0		
	1410/16.0		
	1060/19.0		
Boom Length	5.8-20	m	
Boom Extension Time	53	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	34	s	System Flow
Wire Rope for Lifting	13/115	mm/m	System Flow
	58	m/min	
Lifting Speed (Single Rope)	360° Continuous	°	
Slewing Angle	1.5	r/min	System Flow
Slewing speed	18	s	System Flow
Rated Flow Rate of Hydraulic System	80/60	L/min	
Rated Pressure of Hydraulic System	28	MPa	
Capacity of Hydraulic Oil Tank	270	L	
Outrigger Lateral Span	2340-8000	mm	
Boundary Dimension (L*W*H)	6215×2540×2580	mm	
Crane's Deadweight	5750	kg	Crane Unit Only

ZLT3500V5 Second-Generation Upgrade

Highlights of Superstructure

- Boom:** fully-extended length of 21m; maximum lifting height of 22.5m, the largest in its class within the industry. A large octagonal cross-section made of high-strength steel is adopted to provide strong boom rigidity and minimal deflection under load.
- Outriggers:** featured the industry's largest 8m span in the same class for better stability.
- Lifting Performance:** stronger lifting performance in high-frequency conditions, with mid-to-long boom lifting capacity higher than competitors by 10%. Maximum load of 980kg with fully-extended radius of 20.6m; maximum load of 4,890kg with fully-extended height of 22.5m;
- System Benefits:** The second-generation product features a comprehensively upgraded hydraulic system, with Zoomlion's self-developed proportional valves as standard across the entire series, enabling any combined movement with industry-leading micro-motion performance. A high-flow HP system is adopted to comprehensively improve operational efficiency and reduce your operating cost. Plunger motor + planetary reducer are adopted for more powerful and stable slewing.
- Electrical System:** Standard over-winding audible alarm and panel start/stop function, making the product operation more convenient and faster, and the use much safer and more efficient. To meet the user's need, offer a richer selection of configuration for optional installation:

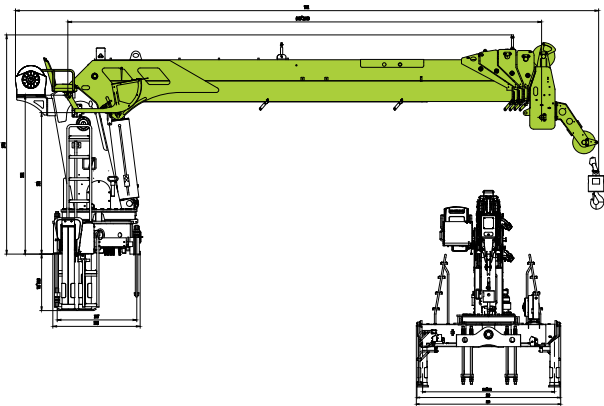
Optional moment limiter installed, featuring overload alarm and restriction of dangerous action.

Optional remote controller installed, available in both basic and advanced versions to meet different needs.

Optional auxiliary winch with hook-let to improve lifting efficiency.

Optional double-chamber rear outriggers for better operational stability.

Outline Dimensions



Lifting Height Curve

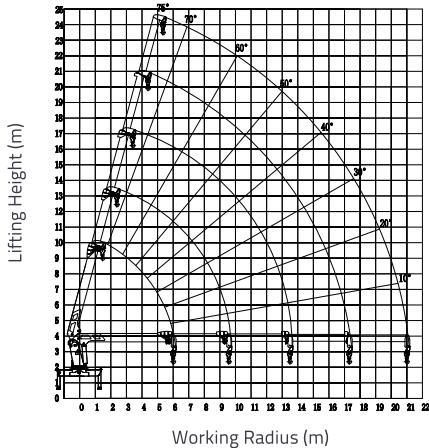


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)				
	6	9.75	13.5	17.25	21
2.2	15000				
2.5	14000	12800			
3	11630	10800			
3.5	9940	9310	8000		
4	8670	8100	7500		
4.5	7680	7150	6930	6550	
5	6900	6400	6160	5840	
5.5	6260	5780	5520	5250	4890
6		5260	5000	4760	4520
6.5		4830	4550	4350	4150
7		4450	4170	4000	3840
7.5		4130	3840	3690	3560
8		3850	3550	3420	3310
8.5		3600	3290	3180	3100
9		3370	3060	2970	2900
9.5			2860	2780	2730
10			2680	2620	2420
11			2360	2320	2170
12			2100	2080	1960
13			1880	1870	1770
14				1700	1620
15				1540	1480
16				1410	1350
17					1250
18					1150
19					1060
20					980
Recommended Factor	6	6	4	4	2
Maximum Lifting Height (m)	8.1	11.8	15.4	19	22.5

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	350	kN.m	
Maximum Lifting Height	22.5	m	
Maximum Working Radius	20.6	m	
Rated Lifting Capacity	15000/2.2	kg/m	
	6260/5.5		
	3370/9.0		
	1880/13.0		
	1410/16.0		
	980/20.0		
Boom Length	6.0-21	m	
Boom Extension Time	55	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	34	s	System Flow
Main Lifting Wire Rope	Φ13/115	mm/m	
Main Lifting Speed (Single Rope)	58	m/min	System Flow
Auxiliary Lifting Wire Rope	Φ12/50	mm/m	
Auxiliary Lifting Speed (Single Rope)	30	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	1.5	r/min	System Flow
Outrigger Extension Time	18	s	System Flow
Rated Flow Rate of Hydraulic System	100	L/min	
Rated Pressure of Hydraulic System	28	MPa	
Capacity of Hydraulic Oil Tank	240	L	
Outrigger Lateral Span	2340-8000	mm	
Boundary Dimension (L*W*H)	6500×2540×2590	mm	With No Auxiliary Winch Provided
	7409×2540×2774	mm	With Auxiliary Winch
Crane's Deadweight	5750	kg	Crane Unit Only

ZLT4000V5

Highlights of Superstructure

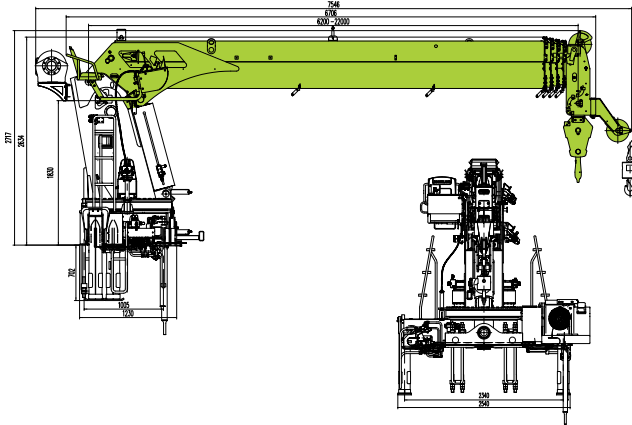
- Fully extended length of main boom: 22m, maximum lifting height up to 23.5m; 2-stage outrigger, with 8m large span; lifting capacity, lifting range and stability all surpass any other product of the same tonnage in the industry.
- A U-boom cross-section and high-strength steel plate is used to result in lightweight, stronger lifting capacity and improved customer fuel economy of the crane.
- The dual-cylinder telescopic cylinder is designed for the boom, 2-second boom can extend independently; the load-and-extend capability and mid-to-long boom lifting capacity can be greatly enhanced.
- The HP plunger oil pump and plunger motor are adopted so that parts and components can work more efficiently and a longer service life can be offered.
- Standard radiator, over-winding warning and moment limiting system are equipped for stronger Continuous operational capability, much easier operation and greater assurance of work safety.
- Optional auxiliary winch with super pulling force, extremely efficient for light load lifting.

Highlights of the Loader Crane

- Overall length: 12m, width: 2.55m, overall height: 3.88m and better passability.
New D1 T712G cab adopted, with OEM air conditioner, airbag seat, multifunctional steering wheel, LCD dashboard, satellite positioning function dash cam, LED daytime running light, side and rear guard for a more comfortable ride.
- Yuchai 350hp China-VI Engine, Fast Gear 10-speed transmission, 11.00R20 18PR steel wire tyres.
- Front axle 5.5T + rear axle 10T, frame with a 280-mm full-length three-layer beam, wheelbase of 2,150+4,400+1,350mm and curb weight of 20,860kg.
- Container length: 8.3m, width: 2.45m, container height: 0.6m and larger space.



Outline Dimensions



Lifting Height Curve

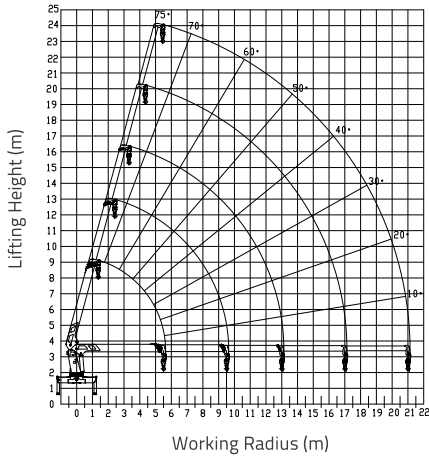


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)				
	6.2	10.15	14.1	18.05	22
2.5	16000	13000			
3	14000	11750			
3.5	12000	10500			
4	11250	9250			
4.5	10000	8220	8110		
5	9000	7400	7300		
5.5	8180	6720	6630	6360	
6		6160	6080	5830	
6.5		5690	5610	5380	5150
7		5280	5210	5000	4780
7.5		4930	4860	4660	4460
8		4620	4560	4370	4180
8.5		4350	4290	4110	3940
9		4110	4050	3880	3720
9.5		3890	3840	3680	3520
10			3650	3500	3350
11			3310	3180	3040
12			3040	2910	2790
13			2800	2690	2570
14				2500	2390
15				2330	2230
16				2180	2090
17				2050	1970
18					1860
19					1760
20					1670
21					1590
Recommended Factor	6	6	4	4	2
Maximum Lifting Height (m)	8.5	12.5	16	19.7	23.5

Main Technical Parameters

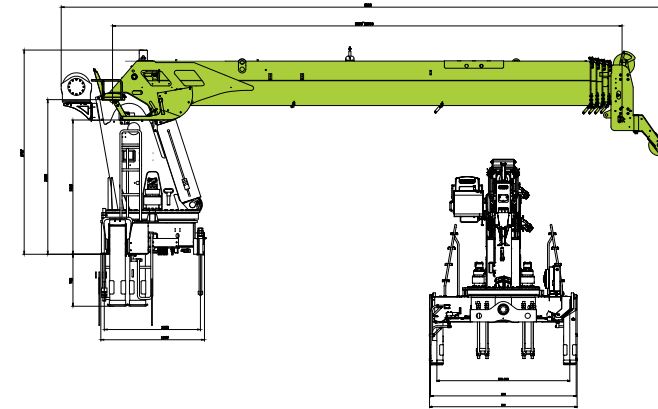
Item	Parameters	Unit	Remarks
Maximum Lifting Moment	400	kN.m	
Maximum Lifting Height	23.5	m	
Maximum Working Radius	21.6	m	
Rated Lifting Capacity	16000/2.5	kg/m	
	8180/5.5		
	3890/9.5		
	2800/13.0		
	2050/17.0		
Boom Length	6.2-22	m	
Boom Extension Time	70	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	41	s	System Flow
Main Lifting Wire Rope	Φ 14/125	mm/m	
Main Lifting Speed (Single Rope)	43	m/min	System Flow
Auxiliary Lifting Wire Rope	Φ 14/55	mm/m	
Auxiliary Lifting Speed (Single Rope)	40	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	1.15	r/min	System Flow
Outrigger Extension Time	30	s	System Flow
Rated Flow Rate of Hydraulic System	100	L/min	
Rated Pressure of Hydraulic System	28	MPa	
Capacity of Hydraulic Oil Tank	300	L	
Outrigger Lateral Span	2340-8060	mm	
Boundary Dimension (L*W*H)	7546×2540×2707	mm	
Crane's Deadweight	6800	kg	Crane Unit Only

ZLT5500H5

Highlights of Superstructure

- **Powerful Lifting Performance:** high-strength steel + U-boom cross-section with maximum lifting capacity of 22t are used for the main structure.
- **Widest Range of Working:** 5-section design for the main boom, the longest in its class, with maximum lifting height of 26.5m and maximum working radius of 24.4m.
- **The intelligence level is industry-leading:** Remote control optional for more convenient control and lower cost to use.
- **Flexible Application Scenarios:** an auxiliary winch with ultra-high pulling force for both efficient light and heavy load bearing can be equipped; and the job can also be equipped to further extend the working range and increase the lifting height.

Outline Dimensions



Lifting Height Curve

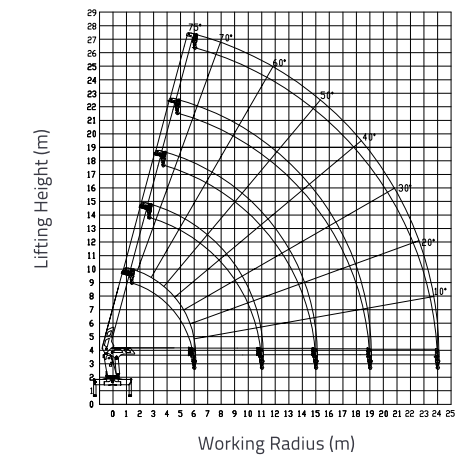


Chart of Rated Lifting Capacity

Working Radius (m)	Boom Extension Length (m)				
	6.88	11.41	15.94	20.47	25
2.5	22000				
3	18500	14600			
3.5	15800	12800			
4	13900	11500	9500		
4.5	12400	10400	8400		
5	11100	9600	7550		
5.5	10100	8900	6850	6440	
6	9300	8300	6300	5900	
6.5		7600	5800	5460	5230
7		7000	5350	5060	4850
7.5		6500	5000	4720	4530
8		6000	4700	4420	4250
8.5		5600	4400	4160	4000
9		5200	4150	3920	3770
9.5		4900	3900	3720	3570
10		4600	3700	3540	3400
11			3350	3200	3090
12			3100	2940	2830
13			2850	2720	2610
14			2600	2520	2420
15			2450	2340	2260
16				2200	2120
17				2060	2000
18				1940	1880
19				1840	1780
20					1700
21					1610
22					1480
23					1370
23					1370
24					1260
Recommended Factor	6	6	4	4	2
Maximum Lifting Height (m)	8.8	13.5	17.5	21.5	26.5

Main Technical Parameters

Item	Parameters	Unit	Remarks
Maximum Lifting Moment	550	kN.m	
Maximum Lifting Height	26.5	m	
Maximum Working Radius	24.4	m	
Rated Lifting Capacity	22000/2.5	kg/m	
	9300/6.0		
	4600/10.0		
	2450/15.0		
	1840/19.0		
	1260/24.0		
Boom Length	6.88-25	m	
Boom Extension Time	64	s	System Flow
Luffing Angle	0-75	°	
Minimum Boom Raising Time	35	s	System Flow
Main Lifting Wire Rope	Φ15/135	mm/m	
Main Lifting Speed (Single Rope)	45	m/min	System Flow
Auxiliary Lifting Wire Rope	Φ14/55	mm/m	
Auxiliary Lifting Speed (Single Rope)	45	m/min	System Flow
Slewing Angle	360° Continuous	°	
Slewing Speed	1.15	r/min	System Flow
Outrigger Extension Time	35	s	System Flow
Rated Flow Rate of Hydraulic System	100	L/min	
Rated Pressure of Hydraulic System	31.5	MPa	
Capacity of Hydraulic Oil Tank	300	L	
Outrigger Lateral Span	2288-8400	mm	
Boundary Dimension (L*W*H)	8308×2543×2757	mm	
Crane's Deadweight	7100	kg	Crane Unit Only

CONSTRUCTION CASES



ZOOMLION