

ZOOMLION

KNUCKLE-BOOM TRUCK-MOUNTED CRANE



ZOOMLION

ZOOMLION CHONGQING CRANE MACHINERY CO., LTD
NO.16 SHIXIANG ROAD,YUBEI DISTRICT,CHONGQING,CHINA



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website:en.zoomlion.com

打造“国内领先国际一流”随车起重机制造“灯塔工厂”

Build a “Domestically leading and internationally first-class” loader crane manufacturing “Lighthouse Network”

园区简介: 占地面积350亩, 建筑面积11万m²

Introduction: Covering an area of 350 acres, with a construction area of 110,000 square meters

园区规划: 年产能56亿, 年产量20000台

Planning: Annual production capacity of 5.6 billion and annual production capacity of 20,000 units

智能化: 工业机器人和AGV广泛使用

Intelligent: Industry robot and AGV are widely used

国际化: 国际化的工厂环境, 研发国际先进技术

Internationalization: Internationalized factory environment, research and development of international advanced technology

生态化: 资源节约, 环境友好

Ecologization: Resource saving and environmentally friendly





Secretariat Unit of ISO/TC96 Crane Technical Committee



National Crane Standardization Technical Committee Member Unit



6 national level research and innovation platforms



Ranked first in the number of effective invention patents in the mechanical equipment industry



700 granted invention patents for mobile cranes, ranked first in the industry



Received two National Science and Technology Progress Awards and three National Invention Gold Awards



ZLK1400V

ZLK2400V

ZLK3400V

ZLK4200V

ZLK5200V

ZLK6200V6

ZLK6200V8

ZLK7600V

ZLK8200V

ZTK24000V

ZTK45000V

ZAK120000V

ZOOMLION

ZLK1400V

3.1t@4.3m

Max. rated lifting capacity: 3.1t@4.3m
最大额定起重重：3.1t@4.3m

13 t.m

Max. rated lifting moment: 13t.m
最大额定起重力矩：13t.m

12.4 m

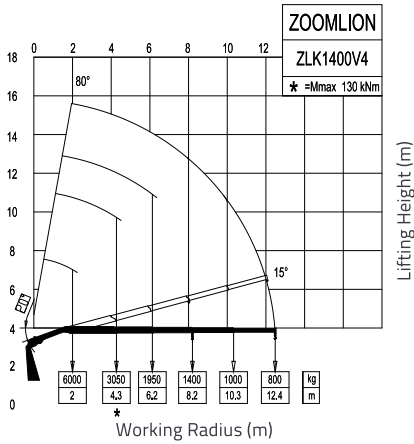
Max. working radius: 12.4m
最大工作幅度：12.4m

Hexagonal large-section high-strength steel main structure , lighter; 4 sections of hydraulic telescopic boom with an amplitude of 12.4 meters for the working radius, reaching higher

5.5-meter double-stage telescopic large-span outriggers, more stable

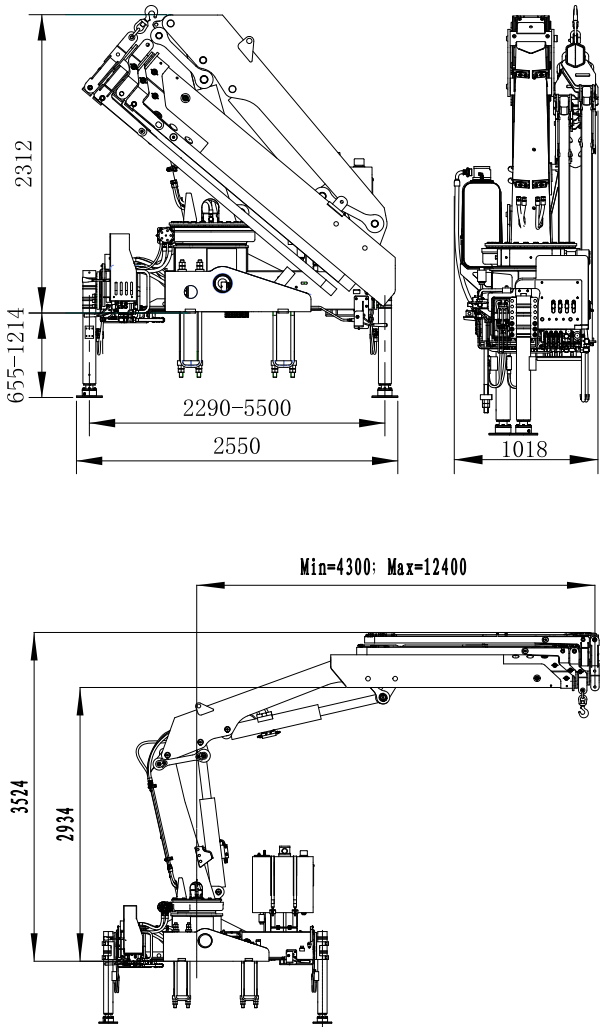
Maximum lifting capacity 3.1T @ 4.3m, maximum working radius of 12.4 meters with a load capacity of 960KG when fully extended

LIFTING HEIGHT CRUVE



The lifting capacity specified here is the crane's own rated capacity. When mounted on different chassis, it may vary due to overall vehicle stability constraints.

OVERALL DIMENSIONS



CONFIGURATION TABLE

Item	Availability	Item	Availability
Fixed-displacement plunger pump	✓	Weighing system	×
Electro-hydraulic proportional valve	✓	Outrigger control system (fully retracted)	✓
Superstructure manual control	✓	Outrigger control system (half extended)	×
Superstructure remote control	✓	Outrigger control system (fully extended)	✓
Undercarriage manual control	✓	Manual extension jib	×
Undercarriage remote control	×	Centralized lubrication	×
Flipping outrigger	×	Automatic lubrication	×
Virtual wall	×	Goose-neck jib (adjustable)	×
Flying jib	×	Goose-neck jib (non-adjustable)	×
Winch	×	One-button leveling	×
CE	×	One-button deployment/retraction	×

MAIN TECHNICAL PARAMETERS

Item	Value	Unit	Remarks
Max. lifting moment	13	t.m	
Max. lifting height	15.5	m	
Rated lifting capacity	3100/4.3	kg/m	
	1860/6.2		
	1410/8.2		
	1130/10.3		
Rated lifting capacity	850/12.4	kg/m	
	4.3-12.4		
Boom length	4.3-12.4	m	
Boom extension/retraction time	37/32	s	Rated system flow
Maximum luffing angle	80	°	
The lifting speed of the 1st boom at rated flow	23/25	s	Rated system flow
The lifting speed of the 2nd boom at rated flow	24/26	s	Rated system flow
Slewing angle	360° Continuous	°	
Slewing speed	1.3	rpm	Rated system flow
Rated flow, hydraulic system	30-40	L/min	
Rated pressure, hydraulic system	31.5	MPa	
Hydraulic oil	75	L	
Capacity of hydraulic oil tank	100	L	
stabilizer spread	2296-5500	mm	
Overall dimensions (L x W x H)	1018 x 2550 x 2312	mm	
Weight of crane	2750	kg	

ZLK2400V

4.5t@4.6m

Max. rated lifting capacity: 4.5t@4.6m
最大额定起重量：4.5t@4.6m

20.7 t.m

Max. rated lifting moment: 20.7t.m
最大额定起重力矩：20.7t.m

19.6 m

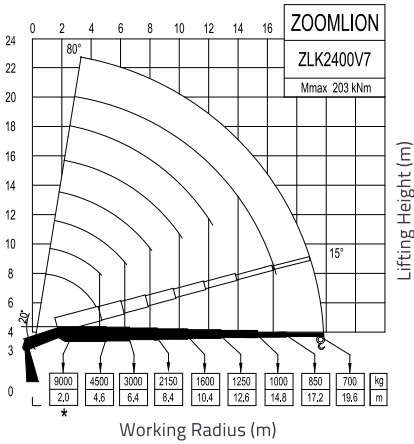
Max. working radius: 19.6m
最大工作幅度：19.6m

Hexagonal large-section high-strength steel main structure , lighter; 7 sections of hydraulic telescopic boom with an amplitude of 19.8 meters for the main boom length, reaching higher

7.6-meter double-stage telescopic large-span outriggers, more stable

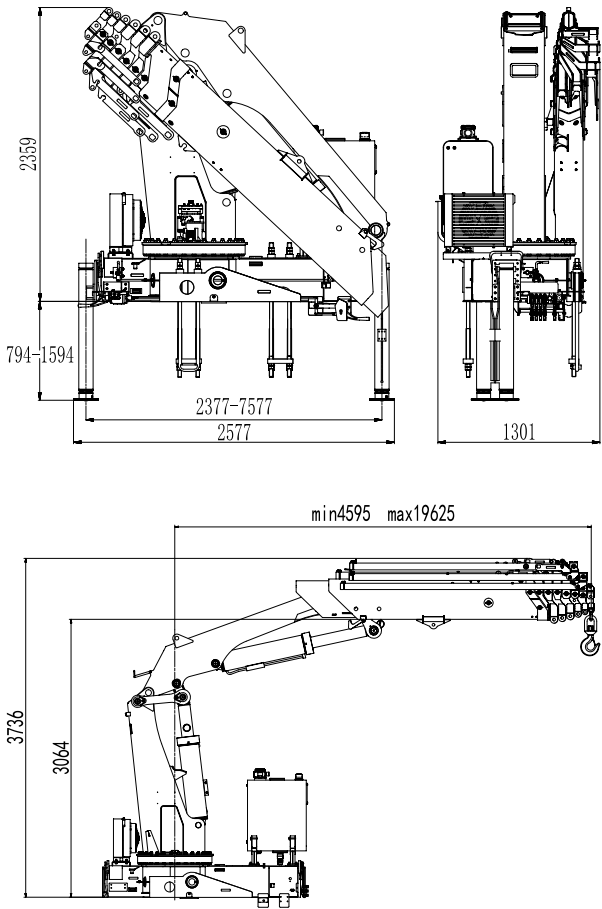
Maximum lifting capacity 4.5T @ 4.6m, maximum working radius of 19.6 meters with a load capacity of 700KG when fully extended

LIFTING HEIGHT CRUVE



The lifting capacity specified here is the crane's own rated capacity. When mounted on different chassis, it may vary due to overall vehicle stability constraints.

OVERALL DIMENSIONS



CONFIGURATION TABLE

Item	Availability	Item	Availability
Fixed-displacement plunger pump	✓	Weighing system	×
Electro-hydraulic proportional valve	✓	Outrigger control system (fully retracted)	✓
Superstructure manual control	✓	Outrigger control system (half extended)	✓
Superstructure remote control	✓	Outrigger control system (fully extended)	✓
Undercarriage manual control	✓	Manual extension jib	×
Undercarriage remote control	✓	Centralized lubrication	×
Flipping outrigger	×	Automatic lubrication	×
Virtual wall	×	Goose-neck jib (adjustable)	×
Flying jib	×	Goose-neck jib (non-adjustable)	×
Winch	×	One-button leveling	×
CE	×	One-button deployment/retraction	×

MAIN TECHNICAL PARAMETERS

Item	Value	Unit	Remarks
Max. lifting moment	20.7	t.m	
Max. lifting height	22.4	m	
Rated lifting capacity	4500/4.6	kg/m	
	3000/6.4		
	2150/8.4		
	1650/10.4		
	1250/12.6		
	1000/14.8		
	850/17.2		
Boom length	4.595-19.625	m	
Boom extension/retraction time	55/58	s	Rated system flow
Boom angle	-50-80	°	
The lifting speed of the 1st boom at rated flow	26/24	s	Rated system flow
The lifting speed of the 2nd boom at rated flow	27/25	s	Rated system flow
Slewing angle	360Continuous	°	
Slewing speed	1.9	rpm	Rated system flow
Rated flow, hydraulic system	60-80	L/min	
Rated pressure, hydraulic system	33	MPa	
Capacity of hydraulic oil tank	230	L	
stabilizer spread	2377-7577	mm	
Overall dimensions (L x W x H)	1301 x 2577 x 2359	mm	
Weight of crane	3800	kg	Only the weight of crane

ZLK3400V

7.2t@4m

Max. rated lifting capacity: 7.2t@4m
最大额定起重量：7.2t@4m

28.9 t.m

Max. rated lifting moment: 28.9t.m
最大额定起重力矩：28.9t.m

21.2 m

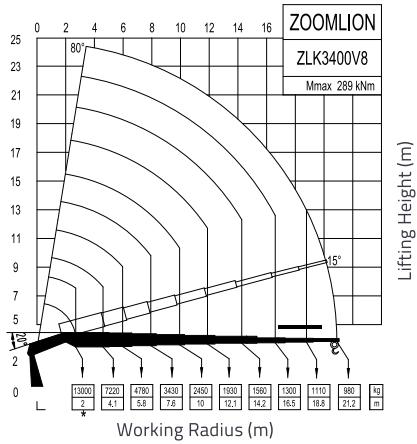
Max. working radius: 21.2m
最大工作幅度：21.2m

8-section telescopic boom, cross-section polygonal and high-strength steel, better performance

lifting capacity is industry-leading at the 30t.m level

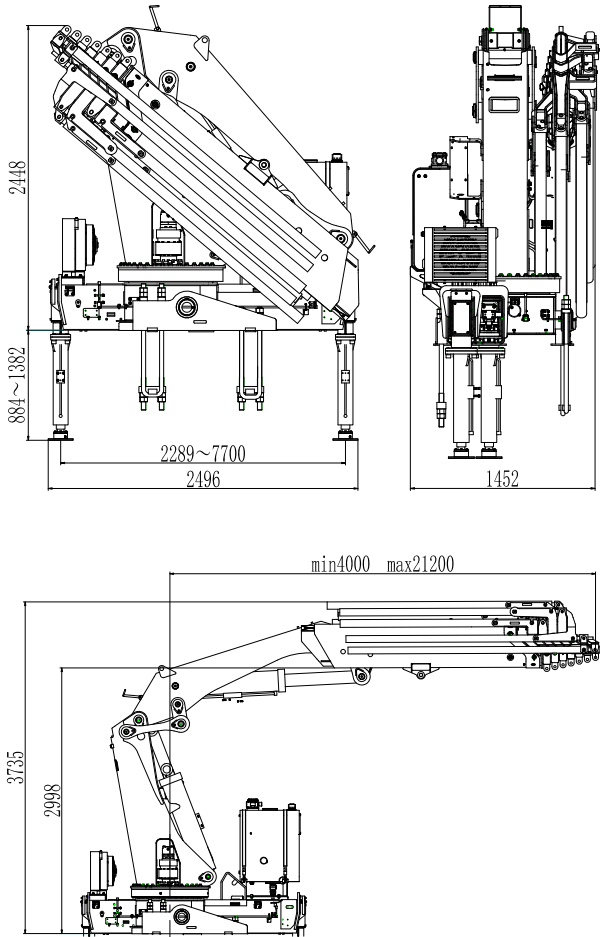
The double-outrigger spread is 7.7m, more stable

LIFTING HEIGHT CRUVE



The lifting capacity specified here is the crane's own rated capacity. When mounted on different chassis, it may vary due to overall vehicle stability constraints.

OVERALL DIMENSIONS



CONFIGURATION TABLE

Item	Availability	Item	Availability
Fixed-displacement plunger pump	✓	Weighing system	×
Electro-hydraulic proportional valve	✓	Outrigger control system (fully retracted)	✓
Superstructure manual control	✓	Outrigger control system (half extended)	✓
Superstructure remote control	✓	Outrigger control system (fully extended)	✓
Undercarriage manual control	✓	Manual extension jib	×
Undercarriage remote control	×	Centralized lubrication	×
Flipping outrigger	×	Automatic lubrication	×
Virtual wall	×	Goose-neck jib (adjustable)	×
Flying jib	×	Goose-neck jib (non-adjustable)	×
Winch	×	One-button leveling	×
CE	×	One-button deployment/retraction	×

MAIN TECHNICAL PARAMETERS

Item	Value	Unit	Remarks
Max. lifting moment	28.9	t.m	
Max. lifting height	24.5	m	
Rated lifting capacity	7220/4	kg/m	
	4780/5.8		
	3430/7.6		
	2450/10		
	1930/12.1		
	1560/14.2		
	1300/16.5		
	1110/18.8		
Boom length	4-21.2	m	
Boom extension/retraction time	30/30	s	Rated system flow
Maximum luffing angle	80	°	
The lifting speed of the 1st boom at rated flow	33/12.5	s	Rated system flow
The lifting speed of the 2nd boom at rated flow	33/30	s	Rated system flow
Slewing angle	360Continuous	°	
Slewing speed	2.2	rpm	Rated system flow
Rated flow, hydraulic system	60-80	L/min	
Rated pressure, hydraulic system	30	MPa	
Hydraulic oil	200	L	
Capacity of hydraulic oil tank	200	L	
stabilizer spread	2289-7700	mm	
Overall dimensions (L x W x H)	1452 x 2496 x 2448	mm	
Weight of crane	5100	kg	

ZLK4200V

8.1t@4.4m

Max. rated lifting capacity: 8.1t@4.4m
最大额定起重量：8.1t@4.4m

35.6 t.m

Max. rated lifting moment: 35.6t.m
最大额定起升力矩：35.6t.m

16.6 m

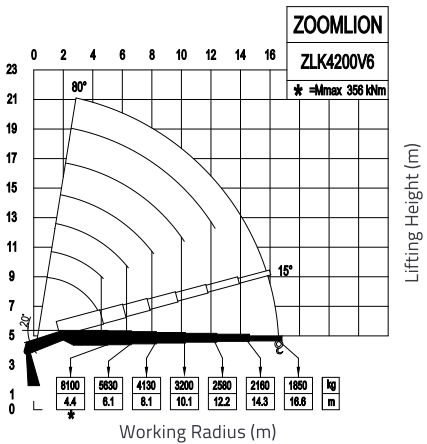
Max. working radius: 16.6m
最大工作幅度：16.6m

Max. Lifting height up to 20.2m; Max. Rated lifting capacity up to 8.1 tons

Hexagonal-shaped 7 sections boom, adopts 960 high-tensile steel

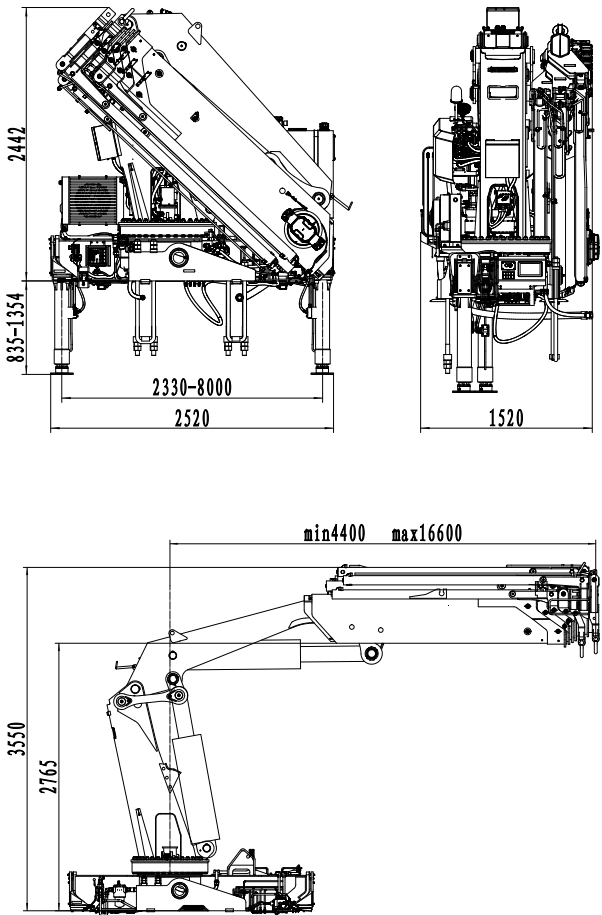
Two-stage outrigger spread 8m with high stability

LIFTING HEIGHT CRUVE



The lifting capacity specified here is the crane's own rated capacity. When mounted on different chassis, it may vary due to overall vehicle stability constraints.

OVERALL DIMENSIONS



CONFIGURATION TABLE

Item	Availability	Item	Availability
Fixed-displacement plunger pump	✓	Weighing system	✓
Electro-hydraulic proportional valve	✓	Outrigger control system (fully retracted)	✓
Superstructure manual control	✓	Outrigger control system (half extended)	✓
Superstructure remote control	✓	Outrigger control system (fully extended)	✓
Undercarriage manual control	✓	Manual extension jib	×
Undercarriage remote control	✓	Centralized lubrication	×
Flipping outrigger	×	Automatic lubrication	×
Virtual wall	✓	Goose-neck jib (adjustable)	×
Flying jib	×	Goose-neck jib (non-adjustable)	×
Winch	×	One-button leveling	×
CE	✓	One-button deployment/retraction	×

MAIN TECHNICAL PARAMETERS

Item	Value	Unit	Remarks
Max. lifting moment	35.6	t.m	
Max. lifting height	20.2	m	
Rated lifting capacity	8100/4.4	kg/m	
	5630/6.1		
	4130/8.1		
	3200/10.1		
	2580/12.2		
	2160/14.3		
	1850/16.6		
Boom length	4.4-16.6	m	
Boom extension/retraction time	36/24	s	Rated system flow
Maximum luffing angle	80	°	
The lifting speed of the 1st boom at rated flow	20/19	s	Rated system flow
The lifting speed of the 2nd boom at rated flow	21/19	s	Rated system flow
Slewing angle	360Continuous	°	
Slewing speed	2.5	rpm	Rated system flow
Rated flow, hydraulic system	60-80	L/min	
Rated pressure, hydraulic system	31	MPa	
Hydraulic oil	200	L	
Capacity of hydraulic oil tank	240	L	
stabilizer spread	2330-8000	mm	
Overall dimensions (L x W x H)	1520 x 2520 x 2442	mm	
Weight of crane	5400	kg	

ZLK5200V

10.04t@4.58m

Max. rated lifting capacity: 10.04t@4.58m
最大额定起重量：10.04t@4.58m

45 t.m

Max. rated lifting moment: 45t.m
最大额定起升力矩：45t.m

21.15 m

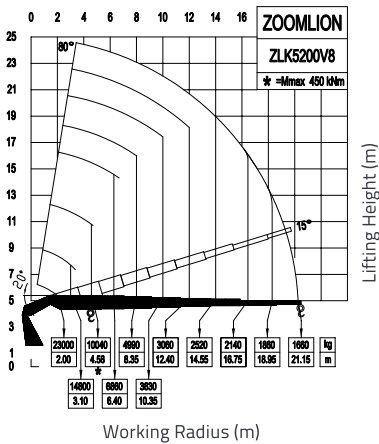
Max. working radius: 21.15m
最大工作幅度：21.15m

Max. Lifting height up to 24.35m; Max. Rated lifting capacity up to 10.04 tons

Hexagonal-shaped 9 sections boom, adopts 960 high-tensile steel

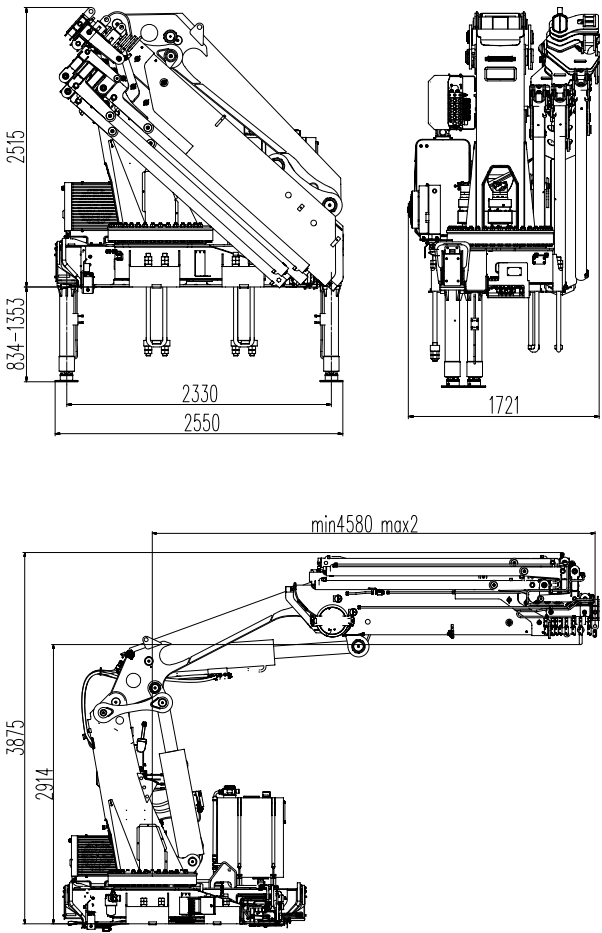
Two-stage outrigger spread 8m with high stability

LIFTING HEIGHT CRUVE



The lifting capacity specified here is the crane's own rated capacity. When mounted on different chassis, it may vary due to overall vehicle stability constraints.

OVERALL DIMENSIONS



CONFIGURATION TABLE

Item	Availability	Item	Availability
Fixed-displacement plunger pump	✓	Weighing system	✓
Electro-hydraulic proportional valve	✓	Outrigger control system (fully retracted)	✓
Superstructure manual control	✓	Outrigger control system (half extended)	✓
Superstructure remote control	✓	Outrigger control system (fully extended)	✓
Undercarriage manual control	✓	Manual extension jib	×
Undercarriage remote control	✓	Centralized lubrication	×
Flipping outrigger	✓	Automatic lubrication	×
Virtual wall	✓	Goose-neck jib (adjustable)	×
Flying jib	✓	Goose-neck jib (non-adjustable)	×
Winch	✓	One-button leveling	×
CE	✓	One-button deployment/retraction	×

MAIN TECHNICAL PARAMETERS

Item	Value	Unit	Remarks
Max. lifting moment	45	t.m	
Max. lifting height	24.35	m	
Rated lifting capacity	10040/4.58	kg/m	
	6860/6.4		
	4990/8.35		
	3830/10.35		
	3060/12.40		
	2520/14.55		
	2140/16.75		
	1860/18.95		
	1660/21.15		
Boom length	4.58-21.15	m	
Boom extension/retraction time	65/39	s	Rated system flow
Maximum luffing angle	80	°	
The lifting speed of the 1st boom at rated flow	36/25	s	Rated system flow
The lifting speed of the 2nd boom at rated flow	42/29	s	Rated system flow
Slewing angle	360Continuous	°	
Slewing speed	1.5	rpm	Rated system flow
Rated flow, hydraulic system	80-100	L/min	
Rated pressure, hydraulic system	35	MPa	
Hydraulic oil	200	L	
Capacity of hydraulic oil tank	250	L	
stabilizer spread	2330-8000	mm	
Overall dimensions (L×W×H)	1721×2550×2515	mm	
Weight of crane	6350	kg	

ZLK6200V6

12.33t@4.4m

Max. rated lifting capacity: 12.33t@4.4m
最大额定起重量：12.33t@4.4m

53 t.m

Max. rated lifting moment: 53t.m
最大额定起升力矩：53t.m

16.4 m

Max. working radius: 16.4m
最大工作幅度：16.4m

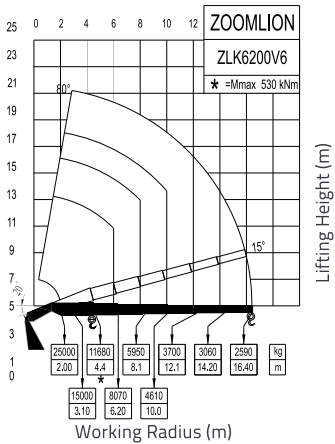
Lifting performance is industry-leading with in the 50T.m range

Eight-section telescopic boom extending up to16.4m,crafted from high-strength 960 material with apolygonal boom sections for su perior performance and lightweight design

Two-stage outrigger spread 8.6m with high stability

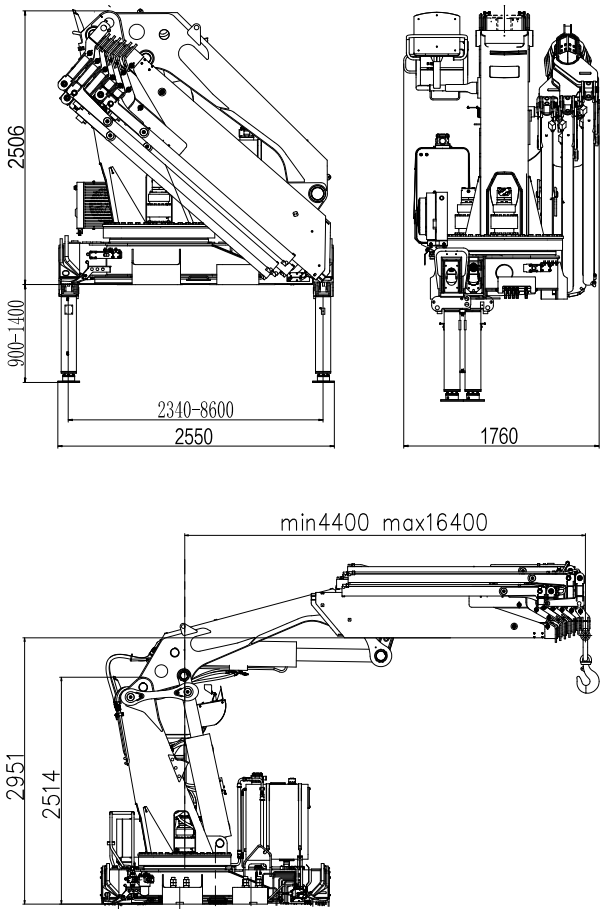
Standard-equipped integrated control system enables centralized management of engine start/stop, lighting, and auxiliary functions, streamlining operational workflows

LIFTING HEIGHT CRUVE



The lifting capacity specified here is the crane's own rated capacity. When mounted on different chassis, it may vary due to overall vehicle stability constraints.

OVERALL DIMENSIONS



CONFIGURATION TABLE

Item	Availability	Item	Availability
Fixed-displacement plunger pump	✓	Weighing system	×
Electro-hydraulic proportional valve	×	Outrigger control system (fully retracted)	×
Superstructure manual control	✓	Outrigger control system (half extended)	×
Superstructure remote control	×	Outrigger control system (fully extended)	×
Undercarriage manual control	✓	Manual extension jib	×
Undercarriage remote control	×	Centralized lubrication	×
Flipping outrigger	×	Automatic lubrication	×
Virtual wall	×	Goose-neck jib (adjustable)	×
Flying jib	×	Goose-neck jib (non-adjustable)	×
Winch	×	One-button leveling	×
CE	×	One-button deployment/retraction	×

MAIN TECHNICAL PARAMETERS

Item	Value	Unit	Remarks
Max. lifting moment	53	t.m	
Max. lifting height	20	m	
Rated lifting capacity	12330/4.40	kg/m	
	8560/6.20		
	6380/8.10		
	5010/10.00		
	4080/12.10		
	3430/14.20		
	2960/16.40		
Boom length	4.4-16.4	m	
Boom extension/retraction time	47/40	s	Rated system flow
Maximum luffing angle	80	°	
The lifting speed of the 1st boom at rated flow	26/29	s	Rated system flow
The lifting speed of the 2nd boom at rated flow	30/33	s	Rated system flow
Slewing angle	360Continuous	°	
Slewing speed	1.6	rpm	Rated system flow
Rated flow, hydraulic system	80-100	L/min	
Rated pressure, hydraulic system	35	MPa	
Hydraulic oil	250	L	
Capacity of hydraulic oil tank	250	L	
stabilizer spread	2340-8600	mm	
Overall dimensions (L x W x H)	1760 x 2550 x 2506	mm	
Weight of crane	6700	kg	

ZLK6200V8

11.68t@4.5m

Max. rated lifting capacity: 11.68t@4.5m
最大额定起重量：11.68t@4.5m

51.9 t.m

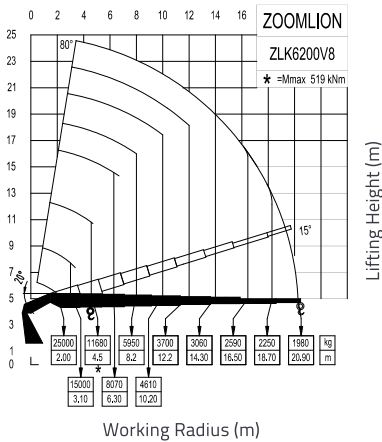
Max. rated lifting moment: 51.9t.m
最大额定起重力矩：51.9t.m

20.9 m

Boom length: 20.9m
主臂长度：20.9m

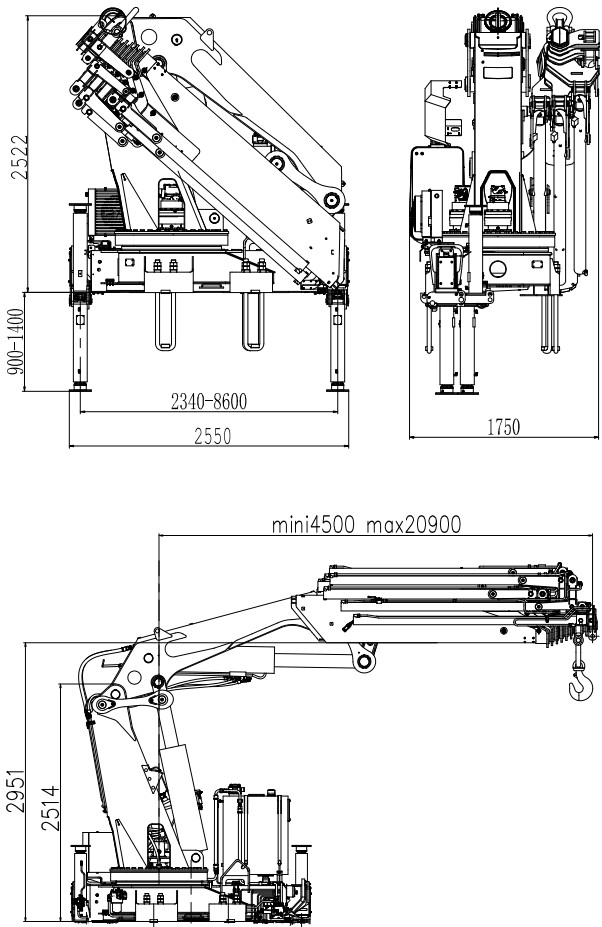
- Lifting performance is industry-leading with in the 50T.m range
- Eight-section telescopic boom extending up to 20.9m, crafted from high-strength 960 material with apolygonal boom sections for superior performance and lightweight design
- Two-stage outrigger spread 8.6m with high stability
- Standard integrated control system enabling functions such as start, stop, crane horn, lighting, and more, for convenient operation

LIFTING HEIGHT CRUVE



The lifting capacity specified here is the crane's own rated capacity. When mounted on different chassis, it may vary due to overall vehicle stability constraints.

OVERALL DIMENSIONS



CONFIGURATION TABLE

Item	Availability	Item	Availability
Fixed-displacement plunger pump	✓	Weighing system	✓
Electro-hydraulic proportional valve	✓	Outrigger control system (fully retracted)	✓
Superstructure manual control	✓	Outrigger control system (half extended)	✓
Superstructure remote control	✓	Outrigger control system (fully extended)	✓
Undercarriage manual control	✓	Manual extension jib	×
Undercarriage remote control	✓	Centralized lubrication	×
Flipping outrigger	✓	Automatic lubrication	×
Virtual wall	✓	Goose-neck jib (adjustable)	×
Flying jib	×	Goose-neck jib (non-adjustable)	×
Winch	×	One-button leveling	×
CE	✓	One-button deployment/retraction	×

MAIN TECHNICAL PARAMETERS

Item	Value	Unit	Remarks
Max. lifting moment	51.9	t.m	
Max. lifting height	24.5	m	
Rated lifting capacity	11680/4.50 8070/6.30 5950/8.20 4610/10.20 3700/12.20 3060/14.30 2590/16.50 2250/18.70 1980/20.90	kg/m	
Boom length	4.5-20.9	m	
Boom extension/retraction time	57/50	s	Rated system flow
Maximum luffing angle	80	°	
The lifting speed of the 1st boom at rated flow	26/29	s	Rated system flow
The lifting speed of the 2nd boom at rated flow	30/33	s	Rated system flow
Slewing angle	360Continuous	°	
Slewing speed	1.6	rpm	Rated system flow
Rated flow, hydraulic system	80-100	L/min	
Rated pressure, hydraulic system	35	MPa	
Hydraulic oil	250	L	
Capacity of hydraulic oil tank	250	L	
stabilizer spread	2340-8600	mm	
Overall dimensions (L×W×H)	1750×2550×2522	mm	
Weight of crane	7200	kg	

ZLK7600V

14.15t@4.65m 65 t.m

Max. rated lifting capacity: 14.15t@4.65m
最大额定起重量：14.15t@4.65m

Max. rated lifting moment of basic boom: 65t.m
基本臂最大额定起重力矩：65t.m

20.45 m

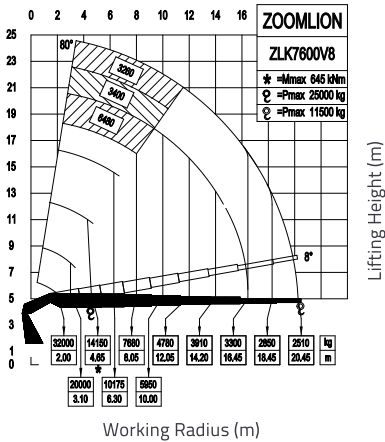
Max. working radius: 20.45m
最大工作幅度：20.45m

Hexagonal-shaped 9 sections boom, adopts 960 high-tensile steel

Max. lifting torque 65t.m, meeting the lifting requirement of all working conditions

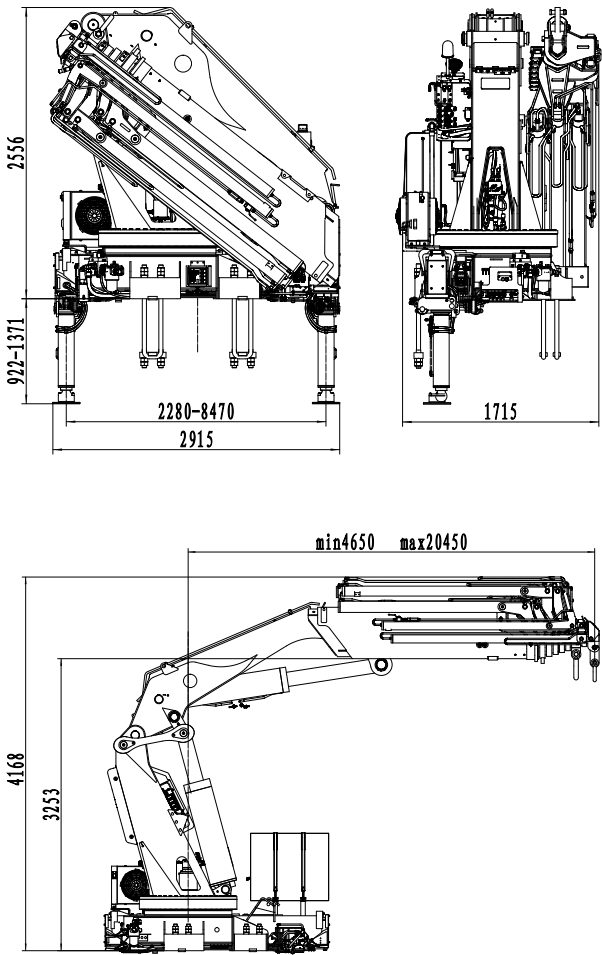
Two-stage outrigger spread 8.43m with high stability

LIFTING HEIGHT CRUVE



The lifting capacity specified here is the crane's own rated capacity. When mounted on different chassis, it may vary due to overall vehicle stability constraints.

OVERALL DIMENSIONS



CONFIGURATION TABLE

Item	Availability	Item	Availability
Fixed-displacement plunger pump	✓	Weighing system	✓
Electro-hydraulic proportional valve	✓	Outrigger control system (fully retracted)	✓
Superstructure manual control	✓	Outrigger control system (half extended)	✓
Superstructure remote control	✓	Outrigger control system (fully extended)	✓
Undercarriage manual control	✓	Manual extension jib	×
Undercarriage remote control	✓	Centralized lubrication	×
Flipping outrigger	✓	Automatic lubrication	×
Virtual wall	✓	Goose-neck jib (adjustable)	×
Flying jib	✓	Goose-neck jib (non-adjustable)	×
Winch	✓	One-button leveling	×
CE	✓	One-button deployment/retraction	×

MAIN TECHNICAL PARAMETERS

Item	Value	Unit	Remarks
Max. lifting moment	65	t.m	
Max. lifting height	24.5	m	
Rated lifting capacity	14150/4.65	kg/m	
	10175/6.30		
	7680/8.05		
	5950/10.00		
	4780/12.05		
	3910/14.20		
	3300/16.45		
	2850/18.45		
	2510/20.45		
Boom length	4.65-20.45	m	
Boom extension/retraction time	89/65	s	Rated system flow
Maximum luffing angle	80	°	
The lifting speed of the 1st boom at rated flow	31/34	s	Rated system flow
The lifting speed of the 2nd boom at rated flow	34/35	s	Rated system flow
Slewing angle	360Continuous	°	
Slewing speed	1.15	rpm	Rated system flow
Rated flow, hydraulic system	80-100	L/min	
Rated pressure, hydraulic system	35	MPa	
Hydraulic oil	250	L	
Capacity of hydraulic oil tank	280	L	
stabilizer spread	2280-8470	mm	
Overall dimensions (L x W x H)	1715 x 2915 x 2556	mm	
Weight of crane	8370	kg	

ZLK8200V

15.38t@4.61m

Max. rated lifting capacity: 15.38t@4.61m
最大额定起重重量: 15.38t@4.61m

69.5 t.m

Max. rated lifting moment: 69.5t.m
最大额定起升力矩: 69.5t.m

20.6 m

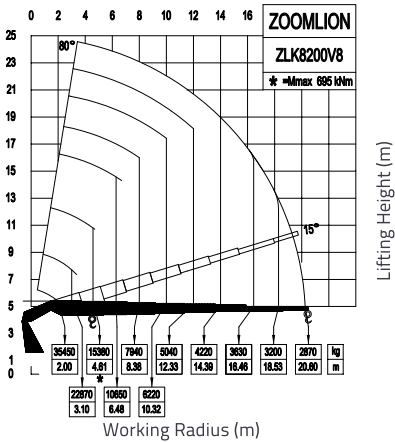
Max. working radius: 20.6m
最大工作幅度: 20.6m

The lifting capacity leads the industry among 70Tm-class products

The 8-section telescopic boom achieves a working amplitude of 20.6m, utilizing Grade 960 high-strength steel for superior rigidity, lightweight performance, and proven manufacturing processes

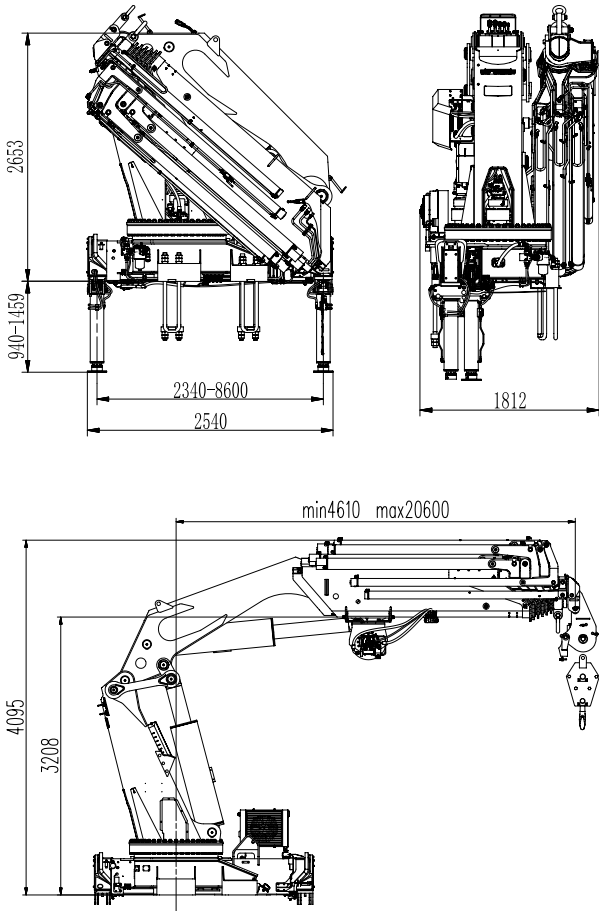
The 8.6m double-stage telescopic outriggers with large-span configuration ensure enhanced operational stability

LIFTING HEIGHT CRUVE



The lifting capacity specified here is the crane's own rated capacity. When mounted on different chassis, it may vary due to overall vehicle stability constraints.

OVERALL DIMENSIONS



CONFIGURATION TABLE

Item	Availability	Item	Availability
Fixed-displacement plunger pump	✓	Weighing system	✓
Electro-hydraulic proportional valve	✓	Outrigger control system (fully retracted)	✓
Superstructure manual control	✓	Outrigger control system (half extended)	✓
Superstructure remote control	✓	Outrigger control system (fully extended)	✓
Undercarriage manual control	✓	Manual extension jib	×
Undercarriage remote control	✓	Centralized lubrication	×
Flipping outrigger	✓	Automatic lubrication	×
Virtual wall	✓	Goose-neck jib (adjustable)	×
Flying jib	✓	Goose-neck jib (non-adjustable)	×
Winch	✓	One-button leveling	×
CE	✓	One-button deployment/retraction	×

MAIN TECHNICAL PARAMETERS

Item	Value	Unit	Remarks
Max. lifting moment	69.5	t.m	
Max. lifting height	24.5	m	
Rated lifting capacity	15380/4.61	kg/m	
	10650/6.48		
	7940/8.38		
	6220/10.32		
	5040/12.33		
	4220/14.39		
	3630/16.46		
	3200/18.53		
Boom length	4.61-20.60	m	
Boom extension/retraction time	88/54	s	Rated system flow
Maximum luffing angle	80	°	
The lifting speed of the 1st boom at rated flow	43/58	s	Rated system flow
The lifting speed of the 2nd boom at rated flow	52/105	s	Rated system flow
Slewing angle	360Continuous	°	
Slewing speed	1.5	rpm	Rated system flow
Rated flow, hydraulic system	80-100	L/min	
Rated pressure, hydraulic system	35	MPa	
Hydraulic oil	303	L	
Capacity of hydraulic oil tank	400	L	
stabilizer spread	2340-8600	mm	
Overall dimensions (L×W×H)	1812×2540×2653	mm	
Weight of crane	8500	kg	

ZTK24000V

56t@3.6m

Max. rated lifting capacity: 56t@3.6m
最大额定起重量：56t@3.6m

242 t.m

Max. rated lifting moment: 242t.m
最大额定起重力矩：242t.m

19.6 m

Max. working radius: 19.6m
最大工作幅度：19.6m

Proprietary Chassis: Total weight of 36 tons with 17-t counterweight; overall height of 4.0 m; provides a smaller turning radius, more rational axle load distribution, and lower maintenance costs; the platform features a 2.55 m width, 8.4 m outrigger span, and 13° departure angle for superior adaptability

Powerful Lifting Performance: Equipped with an 8-section telescopic boom offering a 19.6 m working radius at a -5° declination angle. Maximum lifting moment of the basic boom is 2377 kN·m

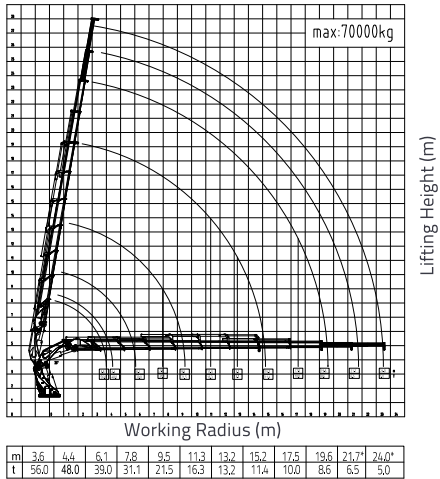
Robust Powertrain: Features a dual-pump system comprising a 115 variable displacement piston pump and a 50 gear pump, with a rated system pressure of 33 MPa. Dual lift cylinders deliver power output, effectively doubling the lifting performance

Enhanced Comfort and Safety: Includes a fully enclosed cab with a 9-inch HD central display, rearview camera, and sleeper berth

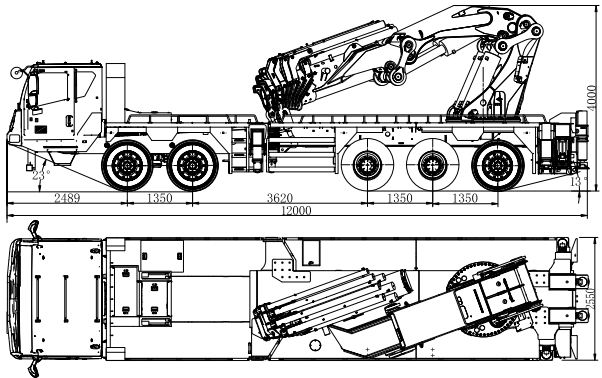
standard 5-inch touchscreen remote control ensures more convenient operation; the system is also equipped with a 7-inch color touchscreen load moment indicator featuring intelligent job condition recommendations

Standard Configurations: Whole-vehicle remote control, virtual wall safety system, standard load moment limiter, and vehicle stability system

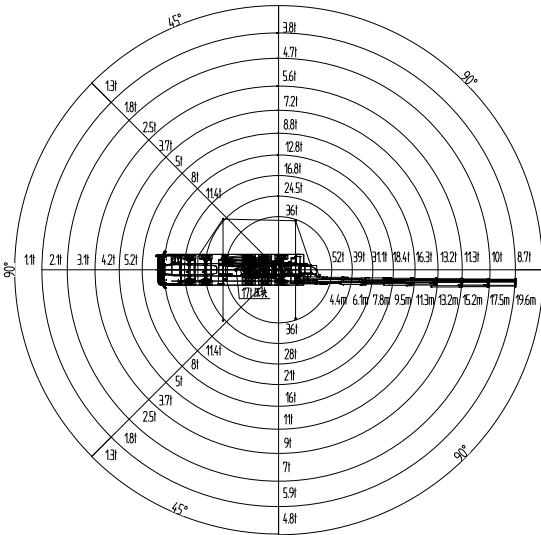
LIFTING HEIGHT CRUVE



VEHICLE SCHEMATIC DIAGRAM



压标准配重作业区域性能表



KEY VEHICLE PARAMETERS

Item	Value	Unit
Vehicle Model	ZTK24000V963	/
Overall Dimensions L×W×H	12000×2550×4000	mm
Gross Weight	53000	kg
Curb Weight	52870	kg
Maximum Rated Lifting Capacity	56@3.6m	t
Maximum Rated Lifting Moment	242	t.m
Maximum Load Pushing Capacity	30000	kg
Maximum Working Radius & Performance	8600kg@19.6m	/
Counterweight	16	t
Outrigger Transverse Span	8400/8100	mm

KEY CHASSIS PARAMETERS

Item	Value	Unit
Axle Load	9000/9000/13000/13000/9000	kg
Maximum Speed	89	km/h
Maximum Gradeability	40	%
Wheelbase	1350+3620+1350+1350	/
Approach / Departure Angle	23/13	°
Engine Model	玉柴YCK09380-60	/
Displacement	9.408	L
Emission Standard	China VI	/
Rated Power	275/1900	kW/rpm
Maximum Torque	1800/1100-1450	N.m/rpm
Transmission	Fast	/
Minimum Turning Radius	9.1	m
Drive Configuration	10×4	/
Tire Specification	385/65R22.5(Axles1、2、5), 12R22.5-18PR(Axles3、4)	/
Cab Seating Capacity (persons)	2	/
Cab Color	Gravel Gray	/

OPTIONAL CONFIGURATIONS

Item	Fittings status	Item	Fittings status
Winch	✓	Gooseneck Jib	✓
Fly Jib	✓	Counterweight	×
Manual Jib	✓	Counterweight Block	✓
Left-hand drive (LHD)	✓	Right-hand drive (RHD)	×

ZTK45000V

98t@4.6m

Max. rated lifting capacity: 98t@4.6m
最大额定起重量：98t@4.6m

450 t.m

Max. rated lifting moment: 450t.m
最大额定起重力矩：450t.m

18.63 m

Max. working radius: 18.63m
最大工作幅度：18.63m

Features a wide 2.8 m platform with an 8 m outrigger span, achieving industry-leading overall lifting performance

Maximum rated lifting moment of the basic boom is 450 T.m, with no reduction in side-lifting capacity

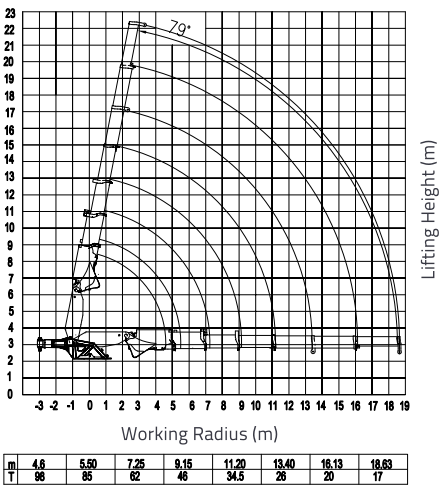
Equipped with a 48-T four-axle chassis featuring full-wheel steering with crab steering capability, offering three steering modes for excellent site adaptability. Overall vehicle length is only 11.2 m with a turning radius of 8.5 m, enabling easy maneuvering and repositioning in confined spaces

High-load-capacity chassis platform allows transport with a 22-T counterweight

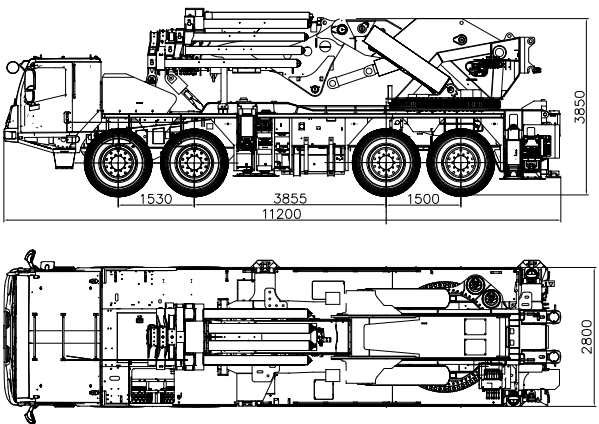
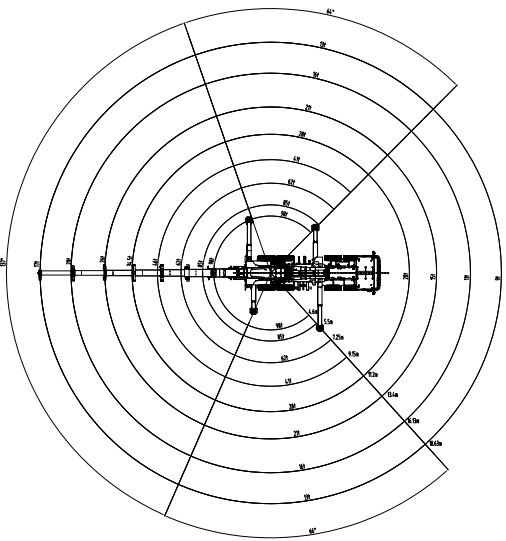
Multiple optional configurations available, such as winch, manual extension jib, and fly jib, to meet various customer operational needs



LIFTING HEIGHT CRUVE



VEHICLE SCHEMATIC DIAGRAM



KEY VEHICLE PARAMETERS

Item	Value	Unit
Vehicle Model	ZTK45000V763	/
Overall Dimensions L×W×H	11200×2800×3850	mm
Gross Weight	48000	kg
Curb Weight	47870	kg
Maximum Rated Lifting Capacity	98t@4.6m	kg
Maximum Rated Lifting Moment	450	kN.m
Maximum Load Pushing Capacity	90000	kg
Maximum Working Radius & Performance	17000kg@18.63m	/
Counterweight	22	t
Outrigger Transverse Span	8000	mm

KEY CHASSIS PARAMETERS

Item	Value	Unit
Axle Load	12000/12000/12000/12000	kg
Maximum Speed	90	km/h
Maximum Gradeability	50	%
Wheelbase	1530+3855+1500	/
Engine Model	YCK11430-60	/
Displacement	10.98	/
Emission Standard	China VI	L
Rated Engine Power/Speed	316/1900	/
Maximum Torque	2100/1000 1500	kW/rpm
Transmission	Fast	N.m/rpm
Minimum Turning Radius	8.5	/
Drive and Steering Configuration	8×4×8	m
Tire Specification	385/95R25	/
Cab Seating Capacity (persons)	2	/
Cab Color	Gravel Gray	/

OPTIONAL CONFIGURATIONS

Item	Fittings status	Item	Fittings status
Winch	✓	Adjustable Jib	✓
Fly jib	✓	Counterweight	✓
Manual Jib	✓	Counterweight Block	×
Left-hand drive (LHD)	✓	Right-hand drive (RHD)	✓

ZAK120000V

220t@4.5m

Max. rated lifting capacity: 220t@4.5m
最大额定起重重量: 220t@4.5m

1084 t.m

Max. rated lifting moment: 1084t.m
最大额定起升力矩: 1084t.m

17.25 m

Max. working radius: 17.25m
最大工作幅度: 17.25m

Proprietary Chassis: With an unladen weight of 60 tons, a 5-section telescopic boom featuring three-stage dual extension, and an optional 70-T counterweight equipped with telescoping capability; the wide 2.8-meter platform, combined with an 8.4-meter outrigger span, ensures excellent performance in tail, side, and lifting-over-obstacle operations

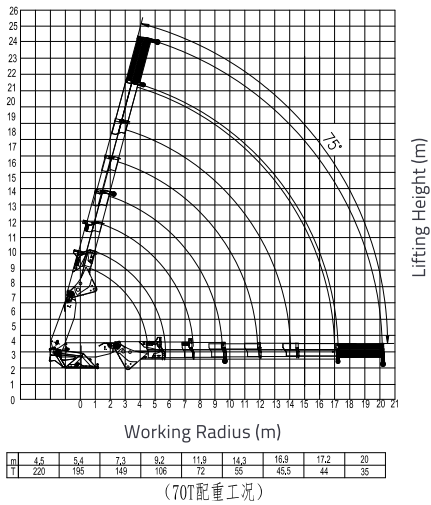
Powerful Lifting Performance: Maximum lifting capacity of 220T@4.5m; maximum working radius performance of 44T@17.25m; maximum rated lifting moment of 10,840 kN·m. Both working range and load capacity are industry-leading

All-Terrain Chassis Platform: Features all-wheel steering with six steering modes, and an oleo-pneumatic suspension system for excellent site adaptability. With a total length of only 12.8 meters and a turning radius of just 9.2 meters, the vehicle offers convenient and rapid maneuvering and repositioning in confined spaces

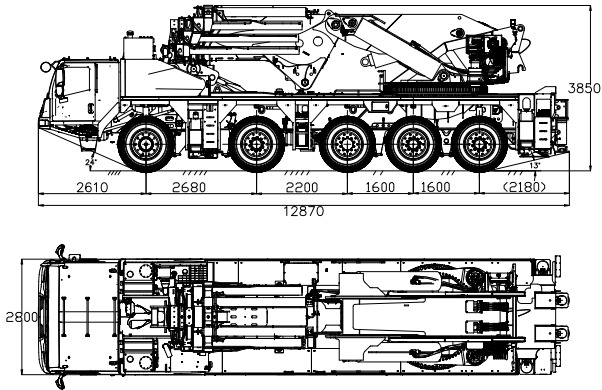
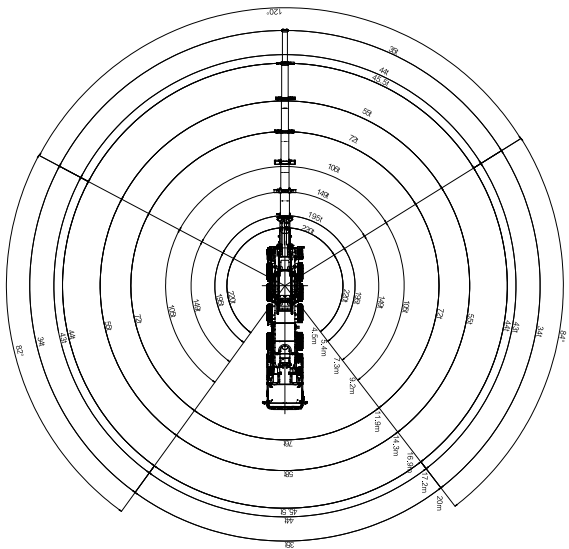
Hydraulic System: Equipped with a variable displacement pump system and load-sensing multi-control valves. The stable and reliable sequential telescopic cylinders ensure safe lifting operations.

Implements overload protection, virtual wall control, vehicle tip-over alarm protection, and load limiting in slewing areas, ensuring safer and more reliable lifting operations

LIFTING HEIGHT CRUVE



VEHICLE SCHEMATIC DIAGRAM



KEY VEHICLE PARAMETERS

Item	Value	Unit
Vehicle Model	ZAK120000V663	/
Overall Dimensions L×W×H	12870×2800×3850	mm
Gross Weight	60000	kg
Curb Weight	59870	kg
Maximum Rated Lifting Capacity	220t@4.5m	kg
Maximum Rated Lifting Moment	1084	kN.m
Maximum Load Pushing Capacity	140000	kg
Maximum Working Radius & Performance	44000kg@17.25m	/
Counterweight	15/50/70	t
Outrigger Transverse Span	8400	mm

KEY CHASSIS PARAMETERS

Item	Value	Unit
Axle Load	12000/12000/12000/12000/12000	kg
Maximum Speed	80	km/h
Maximum Gradeability	48	%
Wheelbase	2680+2200+1600+1600	/
Approach / Departure Angle	24/13	°
Engine Model	YCK11460-60	/
Displacement	10.98	L
Emission Standard	China VI	/
Rated Power	339/1900	Kw/r/min
Maximum Torque	2200/1100 1500	N.m/rpm
Transmission	Fast	/
Minimum Turning Radius	9.2	m
Drive Configuration	10×6×10	/
Tire Specification	385/95R25, Optional 445/95R25	/
Cab Seating Capacity (persons)	2	/
Cab Color	Gravel Gray	/

OPTIONAL CONFIGURATIONS

Item	Fittings status	Item	Fittings status
Winch	✓	Adjustable Jib	✓
Fly Jib	✓	Counterweight	✓
Manual Jib	✓	Counterweight Block	×
Left-hand drive (LHD)	✓	Right-hand drive (RHD)	✓

CONSTRUCTION CASES



ZOOMLION