CE

XCMG

Crane Connection PTY LTD

ALL TERRAIN CRANE

XCA40_E

Smart and widely used two-axle all terrain cane

max 40 t | max 35 m | max 42.7 m

Crane Connection PTY LTD

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Superb lifting performance

Superb driving performance

New appearance and humanized design

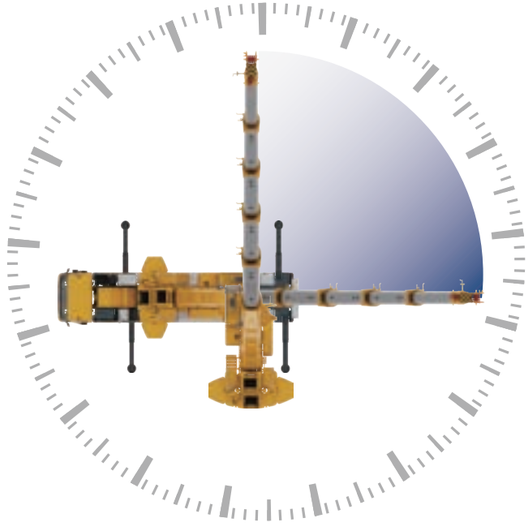
Smart and safe control

- 4-section boom of 35 m with U-type profile is adopted; the max. lifting load is 40 t; the capacity of high frequency operating condition is over 10% greater than that of the competing product.

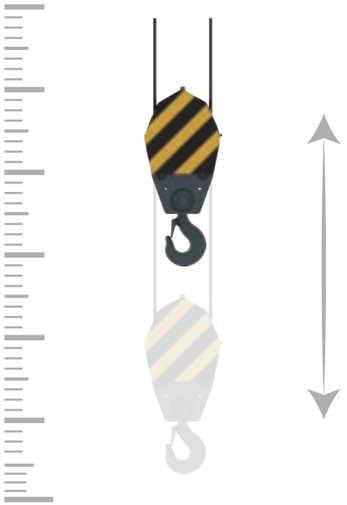
- Innovative single-plate boom head and compact boom tail structure, best overlapping ratio in its class and stronger boom load-bearing capacity.

NEW ENERGY-SAVING HYDRAULIC SYSTEM

- Precise and safe lifting movements can be realized.
- Double-pump separate and confluence control technology brings the best simultaneous movements performance in the industry with higher working efficiency.
- Independent cooling technology of the hydraulic motor can make the thermal balance temperature of the hydraulic system below 80℃. It can work normally in the high temperature environment and thus the hoisting operation is safe and reliable.



The min. stable slewing speed is 0.1° /s



The min. stable hoisting speed is 0.8-1m/min

Suspension system

- The suspension is equipped with effective damped cylinder, accumulator buffer and automatic adjusting function.
- Functions of automatic leveling, suspension lifting, elastic/rigid state switch-over
- Stroke of cylinder -130mm ~ 130mm

POWERFUL DRIVE TRAIN AND SUPERIOR DRIVING PERFORMANCE

- Daimler Truck AG OM936LA diesel engine Euromot stage V, rated power 230kw, max. torque 1300N.m
- Automatic transmission made by ZF, with synchronizer. It is manually operated through flexible shaft
- Max. travel speed ≥80km/h, Max. grade ability 60%
- XCA40_E can drive for a short distance with hook block, jib and counterweight of 7.4 t on board, which will save transport cost for users

BRAKING SYSTEM

- Dual-circuit pneumatic disc brake
- Axles 1, 2 with spring-loaded brake
- Auxiliary : engine retarder brake

STEERING SYSTEM

- The chassis is equipped with all-wheel steering system
- Min. turning diameter is 17m, mobile and flexible

HUMAN-MACHINE INTERACTION SYSTEM

- First launched in the industry, the car-level human-machine interaction system achieves operator-friendly interaction with the machine. Information about lifting or driving operations will be known easily, contributing to easier and more convenient operation.

DRIVER'S CAB

- 12.3-inch color display with large screen makes indication clear
- Air-suspension seats are equipped for both driver's seat and co-driver's seat
- Air conditioning for both heating and cooling is available

OPERATOR'S CAB

- 10.4 inch color touch screen displays
- Operator's cab can be tilted 20° backwards
- Electric heating for the seat in the operator's cab
- Double-layer sun shield is adopted for roof window. Sun shield is equipped at the rear window
- Standard heating and A/C system

SMART AND SAFE CONTROL

- Industry-leading intelligent crane boom technology is adopted with functions, such as automatic planning of working conditions, automatic luffing compensation and automatic spooling in/out of winch rope integrated into one, which provides the most intelligent planning of working conditions and operation safety protection.

AUTOMATIC PLANNING OF WORKING CONDITIONS

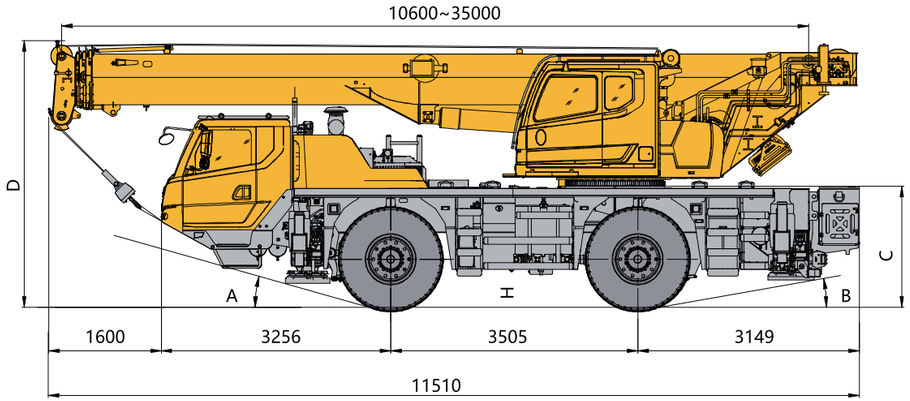
- After the information about lifting load, the initial and final working radii, and lifting height are entered into the display, the system will automatically recommend the most proper working conditions to meet lifting demands.

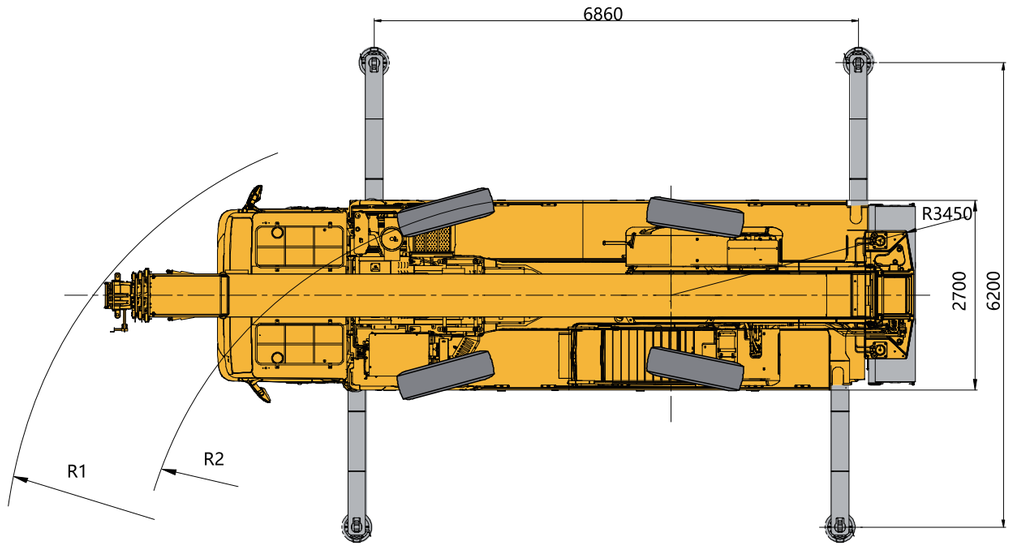
WINCH SERVO CONTROL TECHNOLOGY

- During telescoping and luffing operations, the control system automatically controls the spooling in and out of winch rope, leading to more than 20% reduction in operating time, as well aseasier, safer and more reliable operation.

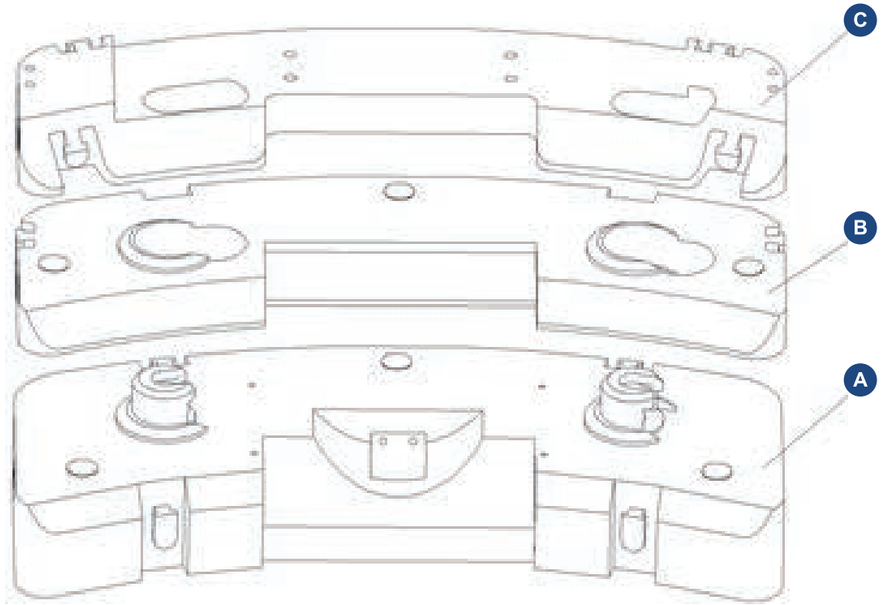
AUTOMATIC LUFFING COMPENSATION TECHNOLOGY

- Through controlling boom angle, this technology can automatically compensate radius change caused by boom deformation while the load is clearing of the ground, so as to avoid impaired vertical load lifting due to deflection increase of boom, bringing an easier and safer lifting process.
- Wireless remote control for counterweight makes operation easier





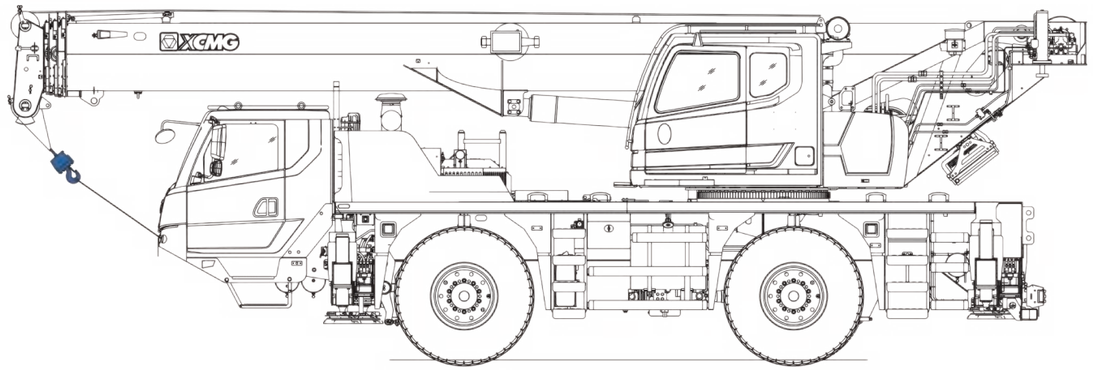
R: Tight turning radius mode



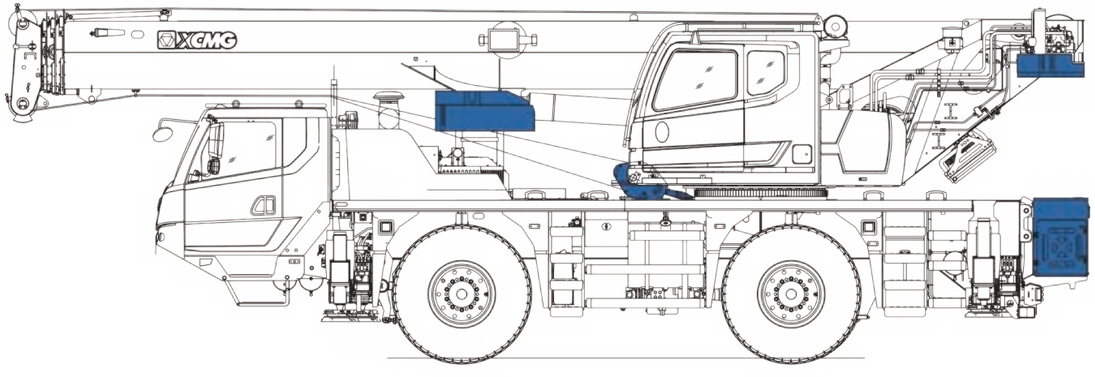
	A (°)	B (°)	C (mm)	D (mm)	H (mm)	R1 (mm)	R2 (mm)
525/80 R 25 (20.5 R 25)	16	10	1719	3780	336	9000	8500

Counterweight	A	B	C
Size (L×W×H) m	2.54×1.068×0.5	2.54×0.979×0.183	2.54×0.895×0.183
Weight t	4.7	1.4	1.3

Working mode	7.4t	6.0t	2.7t	1.3t	0t
Combinations	A+B+C	A+C	B+C	C	–



GVW 24t 5t hook Axle load ≤12t C/T 0t Drive/Steer: 4x4x4



GVW 31.6t 25t hook Axle load ≤16.9t C/T 7.4t Drive/Steer: 4x4x4

Max.	20t	32t

Weight

Axle	1	2	Total weight
t	12	12	24

1) 5 t hook block (fastened on the front towing hook of driver’s cab), outrigger beams and outrigger float are carried;

jib, counterweight, spare tire, and tire backstop are excluded;

Driving type: 4×4; Tire specification: 525/80 R25 (20.5 R 25)

Hook	No. of lines	Weight kg	Remarks
40 t	13	347	Single hook/Optional
25 t	7	210	Single hook
10 t	3	123	Single hook
5t	1	62.5	Single hook

Working speeds

	Km/h	
525/80 R25 (20.5 R 25)	3~80	60%

Drive	Working speed	Max. single line pull	Rope diameter/ length
	0–130 m/min, single line,4th layer, no load	32 KN	14 mm/190 m
360°	0–2 r/min		
	Approx. 40s for boom elevation from −1° to 81°		
	Approx. 60s for boom extension from 10.6m to 35m		

Chassis		Configuration
Frame	Designed and manufactured by XCMG, made of high strength steel with rectangle cross-section.	●
Outrigges	H-type Asymmetric outrigger, outrigger beam is one-stage telescoping with push-pull outrigger float and two telescoping working position (fully-extended and half-extended) to satisfy various working condition requirements. Outrigger control panel is controlled by CAN bus located on the sides of chassis.	●
Engine	6 cylinders, diesel, Daimler AG OM936LA, Rated power/RPM: 230kw/1800rpm, Max. output torque/RPM: 1300Nm/1200-1600rpm, Emission standard: Euromot stage V. Fuel tank capacity: approx. 260 L.	●
Transmission	ZF automatic transmission, 12 forward gears and 2 reverse gear.	●
Axles	High strength integral axle; all axles for driving: 4×4	●
Suspensions	Advanced hydro-pneumatic suspension technology with improved stability; the suspension is equipped with effective damped cylinder and accumulator buffer. The stroke of suspension cylinder : -130mm~+130mm.	●
	525/80 R25（20.5 R 25）	●
Steering system	Axle 1 mechanically steering and axle 2 electric-hydraulic proportional steering.	●
Braking system	Service brake: dual-circuit air pressure brake, acting on all wheels. Parking brake: spring-loaded brake, acting on all wheels. Auxiliary brake: engine retarded brake.	●
Driver's cab	New full dimension steel structure cab. Air-supported seats are provided for driver and co-driver to improve the comfort. Safety glass, electrically operated door window lifters, steering wheel adjustable in height and angle, and large screen liquid crystal display are equipped. New type of combined control panel is reasonably and ergonomically arranged in arch shape. Radio, heating & air-conditioning are standard.	●
Electrical system	DC 24 V, with 2 sets of 12 V batteries in series.	●
Auxiliary devices	Beacon lamp at the driver's cab	●

Superstructure		Configuration
Frame	Designed and manufactured by XCMG, made of high strength steel.	●
Hydraulic system	The load-sensing plunger pump and gear pump are used to control hoisting, luffing, telescoping, slewing and auxiliary system. Load-sensing proportional multi-way valve is equipped. Wind-cooled hydraulic radiator is also applied.	●
Control system	Pilot electric proportional control is adopted with distributed CAN bus control technology. Apart from the normal control functions, it also has the functions of real time monitoring, automatic fault diagnosis and intelligent boom control.	●
Winch system	Hydraulic motor with planetary gear reducer and constant-closed brake, specific anti-disorder rope winding drum, anti-coiling wire rope.	●
Slewing system	A single-row, four-point contact-ball external toothed slewing bearing is driven by hydraulic motor, with built-in planetary gear reducer and proportional brake equipped, and may continuously slew 360°. Power control and free swing function as well as stepless speed regulation are available.	●
Operator's cab	The cab is ergonomically designed for safety and comfort. It is equipped with safety glass and protective grilles. Windshield sun shade, a sliding door and an adjustable seat are available. The operator's cab can tilt backward 20°. Heating & air conditioning are available.	●
Combined counterweight	Total weight is 7.4 t. There are four counterweight configurations of 1.3 t, 2.7 t, 6.0 t, and 7.4 t.	●
Hook block	5t hook block	●
	10t hook block	●
	25t hook block	●
	40t hook block	○
Electrical system	24 V DC.	●
LMI	When the actual load moment is approaching overloading value, audible and visual warning will be sent out, and the dangerous operation will be automatically stopped ahead of overloading. Overload memory function (black box) and fault self-diagnosis function are available.	●

	Superstructure	Configuration
Safety devices	Hydraulic balance valve, hydraulic relief valve, hydraulic two-way valve, LMI, display, central controller, length/angle sensor, oil pressure sensor and spring centering system for control levers. Lowering limiter for preventing wire rope from over-releasing. Anti-two block at boom head for preventing wire rope from over-winding. Anemometer for measuring the speed of the wind.	●
Variable supporting technology	Variable supporting for stronger adaptability in narrow spaces. The lifting operation is available in several outrigger states, to maximize lifting performance, approve 360° operation safety and alarm in performance boundaries.	●
Centralized lubrication system	Controlled by computer program; lubrication points are at slewing ring, bearing pedestals of main winch and auxiliary winch, upper and lower pivots of elevating cylinder, pivot of tilt cylinder and rear pivot of boom.	●
Auxiliary devices	superstructure rotating working lamp, beacon lamp at the driver's cab	●

	Boom and jib	Configuration
Boom	4-section boom with U cross-section, welding structure. Single-cylinder plus ropes telescoping system Boom length: 10.6m ~ 35m.	●
Fixed jib	Lattice jib, welded structure. It can be attached at three angles of 0°, 20°, 40°. Fixed jib length: 9.5m.	○

Product parts list is as mentioned above. Please refer to the product quotation for specific parts.

Symbol explanation:

● ——it means the standard configuration;

○ ——it means the optional configuration.

Telescopic boom	Jib
T: 10.6~35 m	T: 10.6, 30.1~35 m J: 9.5m

Table of main technical parameters XCA40_E

Dimensions	Unit	Parameter
Outline size (length × width × height)	mm	11490 × 2700 × 3780
Axle load	mm	3505
Track (Front/ Rear)	mm	2143/2143
Front/ Rear overhang	mm	3256/3149
Front/ Rear extension	mm	1600/0

Weight		Unit	Parameter
Total vehicle mass in travel configuration		kg	≤24000
Axle load	1st axle	kg	≤12000
	2nd axle	kg	≤12000

Power	Unit	Parameter
Engine model	——	OM936LA
Rated power/rpm	kW/(r/min)	230/1800
Max. output torque/rpm	N.m/(r/min)	1300/1200–1600

Travel	Unit	Parameter
Max. travel speed	km/h	≥80
Min. travel speed	km/h	3
Min. turning diameter	m	≤17 (Road travel)
Min. ground clearance	mm	336
Approach angle	°	16
Departure angle	°	10
Braking distance (at 30 km/h)	m	≤10
Max. grade ability	%	60

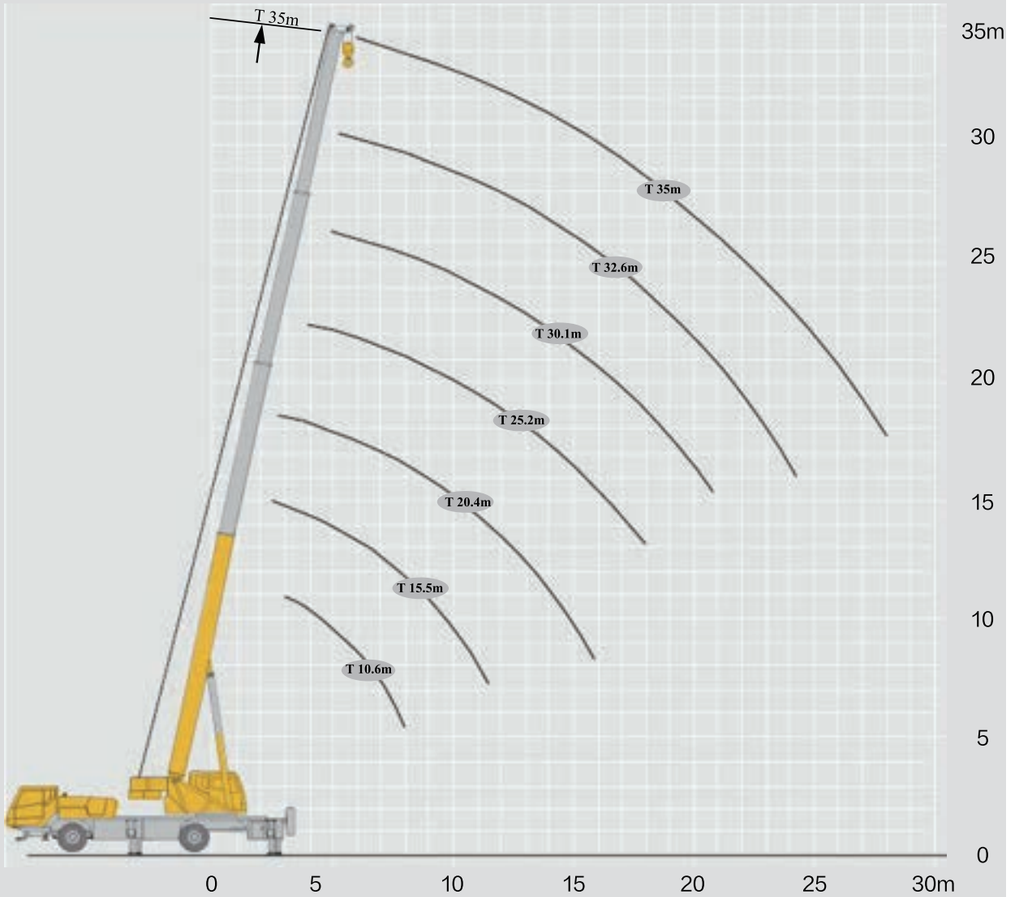
Noise	Unit	Parameter
Noise level at seated position	dB (A)	≤90

Main performance		Unit	Parameter
Max. total rated lifting capacity		t	40
Min. rated working radius		m	2.5
Turning radius at turntable tail	Counterweight	mm	3450
Max. load moment	Base boom	kN.m	1191
	Fully-extended boom	kN.m	662
	Fully-extended boom + Jib	kN.m	529
Outrigger span	Longitudinal	m	6.86
	Lateral	m	6.2
Hoist height	Base boom	m	10.4
	Fully-extended boom	m	35.4
	Fully-extended boom + Jib	m	42.7
Boom length	Base boom	m	10.6
	Fully-extended boom	m	35
	Fully-extended boom + Jib	m	44.5

Working speed			Unit	Parameter
Boom raising time			s	≤40
Boom fully extended time			s	≤60
Max. slewing speed			r/min	≥2
Outrigger extending and retracting time	Outrigger beam	Retracting	s	≤20
		Extending	s	≤30
	Outrigger jack	Retracting	s	≤40
		Extending	s	≤50
Hoisting speed (single line, 4th layer, no load)		Main winch	m/min	≥130

Noise	Unit	Parameter
Noise level at seated position	dB (A)	≤85

Boom



T 10.6~35m

10.6–35 m | 6.86m × 6.2m | 360° | 7.4t | 13000 EN

	10.6 m		15.5 m		20.4 m		25.2 m		30.1 m		32.6 m		35 m	
	*			**		**		**		**		**		**
2.5	40.0													
3	35.4	30.6	19.7	15.4										
3.5	32.9	28.2	20.2	15.5	17.5	13.1								
4	29.8	25.6	20.6	15.6	18.0	13.0	15.1	10.4						
4.5	26.7	23.5	21.2	15.9	18.3	13.0	15.0	10.3	12.0	7.5				
5	24.3	21.6	21.3	16.1	18.8	12.8	14.9	10.2	11.9	7.4	9.0	5.5		
6	20.0	18.5	19.0	16.4	18.7	12.5	13.4	10.0	10.8	7.2	9.0	5.4	7.9	3.6
7	15.6	15.4	16.0	15.6	15.5	12.4	12.1	9.9	9.5	7.0	8.9	5.2	7.9	3.4
8			13.3	13.0	13.2	12.3	11.0	9.7	8.7	6.8	8.1	5.0	7.3	3.2
9			11.0	10.7	11.2	10.8	10.1	9.2	7.9	6.5	7.3	4.8	6.8	2.8
10			9.2	9.0	9.4	9.1	9.3	8.9	7.3	6.0	6.7	4.6	6.2	2.6
11			7.9	7.7	8.1	7.8	8.2	7.9	6.8	5.8	6.3	4.5	5.8	2.5
12			6.8	6.7	7.0	6.8	7.2	6.9	6.2	5.7	5.8	4.3	5.4	2.4
13					6.2	6.0	6.3	6.1	5.9	5.6	5.5	4.2	5.1	2.3
14					5.5	5.3	5.6	5.4	5.3	5.1	5.0	4.1	4.8	2.2
15					4.9	4.7	5.0	4.8	5.0	4.9	4.7	3.9	4.5	2.1
16					4.4	4.3	4.5	4.3	4.6	4.4	4.4	3.8	4.1	2.0
17					3.9	3.8	4.0	3.9	4.1	3.9	4.1	3.7	3.8	1.9
18							3.7	3.5	3.7	3.6	3.8	3.6	3.6	1.8
19							3.3	3.2	3.4	3.3	3.4	3.3	3.4	1.6
20							3.0	2.9	3.1	2.9	3.1	2.9	3.1	1.4
21							2.7	2.6	2.7	2.6	2.7	2.6	2.8	1.2
22							2.4	2.3	2.5	2.4	2.5	2.4	2.5	1.1
23									2.3	2.2	2.3	2.2	2.3	0.9
24									2.1	2.0	2.1	2.0	2.1	0.8
25									1.9	1.7	1.9	1.7	1.9	0.7
26									1.7	1.5	1.7	1.5	1.8	
27									1.5	1.4	1.6	1.4	1.6	
28											1.3	1.2	1.4	
29											1.2	1.1	1.2	
30													1.1	
31													1.0	

Notes: 1.The technical data with * followed are for the nominal load，special equipment is required.
2.The technical data with ** followed are for telescopable loads.

T 10.6~35m

10.6–35 m | 6.86m×6.2m | 360° | 6.0t | 13000 EN

	10.6 m	15.5 m		20.4 m		25.2 m		30.1 m		32.6 m		35 m	
			**		**		**		**		**		**
3	30.6	19.7	12.3										
3.5	28.2	20.2	12.4	17.5	10.5								
4	25.6	20.6	12.5	18.0	10.4	15.1	8.3						
4.5	23.5	21.2	12.7	18.3	10.4	15.0	8.2	12.0	6.0				
5	21.6	21.3	12.9	18.8	10.2	14.9	8.2	11.9	5.9	9.0	4.4		
6	15.9	16.4	13.1	16.6	10.0	13.4	8.0	10.8	5.8	9.0	4.3	7.9	2.9
7	11.9	12.3	9.9	12.6	9.9	12.1	7.9	9.5	5.6	8.9	4.2	7.9	2.7
8		9.8	7.9	10.0	8.0	10.1	7.8	8.7	5.4	8.1	4.0	7.3	2.6
9		8.1	6.5	8.2	6.6	8.3	6.7	7.9	5.2	7.3	3.8	6.8	2.2
10		6.7	5.4	6.9	5.5	7.0	5.6	7.1	4.8	6.7	3.7	6.2	2.1
11		5.8	4.6	5.9	4.7	6.0	4.8	6.1	4.6	6.1	3.6	5.8	2.0
12		5.0	4.0	5.1	4.1	5.2	4.2	5.3	4.2	5.3	3.4	5.4	1.9
13				4.5	3.6	4.6	3.6	4.6	3.7	4.6	3.4	4.7	1.8
14				4.0	3.2	4.1	3.3	4.1	3.3	4.2	3.3	4.2	1.8
15				3.5	2.8	3.6	2.9	3.7	2.9	3.7	2.9	3.7	1.7
16				3.1	2.5	3.2	2.5	3.2	2.6	3.2	2.6	3.3	1.6
17				2.8	2.2	2.8	2.3	2.9	2.3	2.9	2.3	2.9	1.5
18						2.6	2.1	2.6	2.1	2.6	2.1	2.6	1.4
19						2.3	1.8	2.3	1.8	2.4	1.9	2.4	1.3
20						2.0	1.6	2.1	1.7	2.1	1.7	2.1	1.1
21						1.8	1.4	1.9	1.5	1.9	1.5	1.9	1.0
22						1.6	1.3	1.7	1.3	1.7	1.3	1.7	0.9
23								1.5	1.2	1.5	1.2	1.5	0.7
24								1.4	1.1	1.4	1.1	1.4	0.6
25								1.2	1.0	1.3	1.0	1.3	0.6
26								1.1	0.9	1.1	0.9	1.1	
27								1.0	0.8	1.1	0.8	1.1	
28										0.9	0.7	1.0	
29										0.8	0.7	0.8	

Notes: The technical data with ** followed are for telescopable loads.

T 10.6~35m

10.6–35 m | 6.86m×6.2m | 360° | 2.7t | 13000 EN

	10.6 m	15.5 m		20.4 m		25.2 m		30.1 m		32.6 m		35 m	
			**		**		**		**		**		**
3	30.6	19.7	12.3										
3.5	28.2	20.2	12.4	17.5	10.5								
4	25.6	20.6	12.5	18.0	10.4	15.1	8.3						
4.5	23.5	21.2	12.7	18.3	10.4	15.0	8.2	12.0	6.0				
5	19.9	20.6	12.9	18.8	10.2	14.9	8.2	11.9	5.9	9.0	4.4		
6	13.7	14.2	11.3	14.4	10.0	13.4	8.0	10.8	5.8	9.0	4.3	7.9	2.9
7	10.2	10.6	8.5	10.9	8.7	11.0	7.9	9.5	5.6	8.9	4.2	7.9	2.7
8		8.2	6.6	8.5	6.8	8.5	6.8	8.7	5.4	8.1	4.0	7.3	2.6
9		6.6	5.3	6.8	5.4	6.8	5.5	6.9	5.2	7.3	3.8	6.8	2.2
10		5.5	4.4	5.6	4.5	5.7	4.6	5.8	4.6	5.8	3.7	5.8	2.1
11		4.6	3.7	4.7	3.8	4.8	3.9	4.9	3.9	4.9	3.6	4.9	2.0
12		3.9	3.1	4.0	3.2	4.1	3.3	4.2	3.3	4.2	3.3	4.2	1.9
13				3.5	2.8	3.6	2.8	3.6	2.9	3.6	2.9	3.7	1.8
14				3.0	2.4	3.1	2.5	3.2	2.5	3.2	2.5	3.2	1.8
15				2.6	2.1	2.8	2.2	2.8	2.2	2.8	2.2	2.8	1.7
16				2.3	1.8	2.4	1.9	2.4	2.0	2.4	2.0	2.5	1.6
17				2.1	1.7	2.1	1.7	2.1	1.7	2.2	1.8	2.2	1.5
18						1.9	1.5	1.9	1.5	2.0	1.6	2.0	1.4
19						1.7	1.3	1.7	1.4	1.7	1.4	1.7	1.3
20						1.4	1.1	1.5	1.2	1.5	1.2	1.5	1.1
21						1.2	1.0	1.3	1.0	1.3	1.0	1.3	1.0
22						1.1	0.9	1.2	0.9	1.2	0.9	1.2	0.9
23								1.0	0.8	1.0	0.8	1.0	0.7
24								0.9	0.7	0.9	0.7	0.9	0.6
25								0.8	0.6	0.8	0.6	0.8	0.6
26												0.7	

Notes: The technical data with ** followed are for telescopable loads.

T 10.6~35m

	10.6 m	15.5 m		20.4 m		25.2 m		30.1 m		32.6 m		35 m	
			**		**		**		**		**		**
3	30.6	19.7	12.3										
3.5	28.2	20.2	12.4	17.5	10.5								
4	25.6	20.6	12.5	18.0	10.4	15.1	8.3						
4.5	23.4	21.2	12.7	18.3	10.4	15.0	8.2	12.0	6.0				
5	18.3	18.9	12.9	18.8	10.2	14.9	8.2	11.9	5.9	9.0	4.4		
6	12.6	13.0	10.4	13.3	10.0	13.4	8.0	10.8	5.8	9.0	4.3	7.9	2.9
7	9.3	9.8	7.8	10.0	8.0	10.1	7.9	9.5	5.6	8.9	4.2	7.9	2.7
8		7.5	6.0	7.7	6.1	7.8	6.3	7.9	5.4	8.1	4.0	7.3	2.6
9		6.0	4.8	6.1	4.9	6.3	5.0	6.4	5.1	6.4	3.8	6.4	2.2
10		4.9	4.0	5.1	4.1	5.2	4.1	5.2	4.2	5.2	3.7	5.3	2.1
11		4.1	3.3	4.3	3.4	4.4	3.5	4.4	3.5	4.4	3.5	4.4	2.0
12		3.5	2.8	3.6	2.9	3.7	3.0	3.8	3.0	3.8	3.0	3.8	1.9
13				3.1	2.5	3.2	2.5	3.3	2.6	3.3	2.6	3.3	1.8
14				2.7	2.2	2.8	2.2	2.9	2.3	2.9	2.3	2.9	1.8
15				2.3	1.9	2.4	1.9	2.5	2.0	2.5	2.0	2.5	1.7
16				2.0	1.6	2.2	1.7	2.2	1.7	2.2	1.8	2.2	1.6
17				1.8	1.4	1.9	1.5	1.9	1.5	1.9	1.5	1.9	1.5
18						1.6	1.3	1.7	1.4	1.7	1.4	1.7	1.4
19						1.4	1.2	1.4	1.2	1.5	1.2	1.5	1.2
20						1.2	1.0	1.3	1.0	1.3	1.0	1.3	1.0
21						1.0	0.8	1.1	0.9	1.1	0.9	1.1	0.9
22						0.9	0.7	1.0	0.8	1.0	0.8	1.0	0.8
23								0.8	0.6	0.9	0.7	0.9	0.7
24										0.7	0.6	0.7	0.6

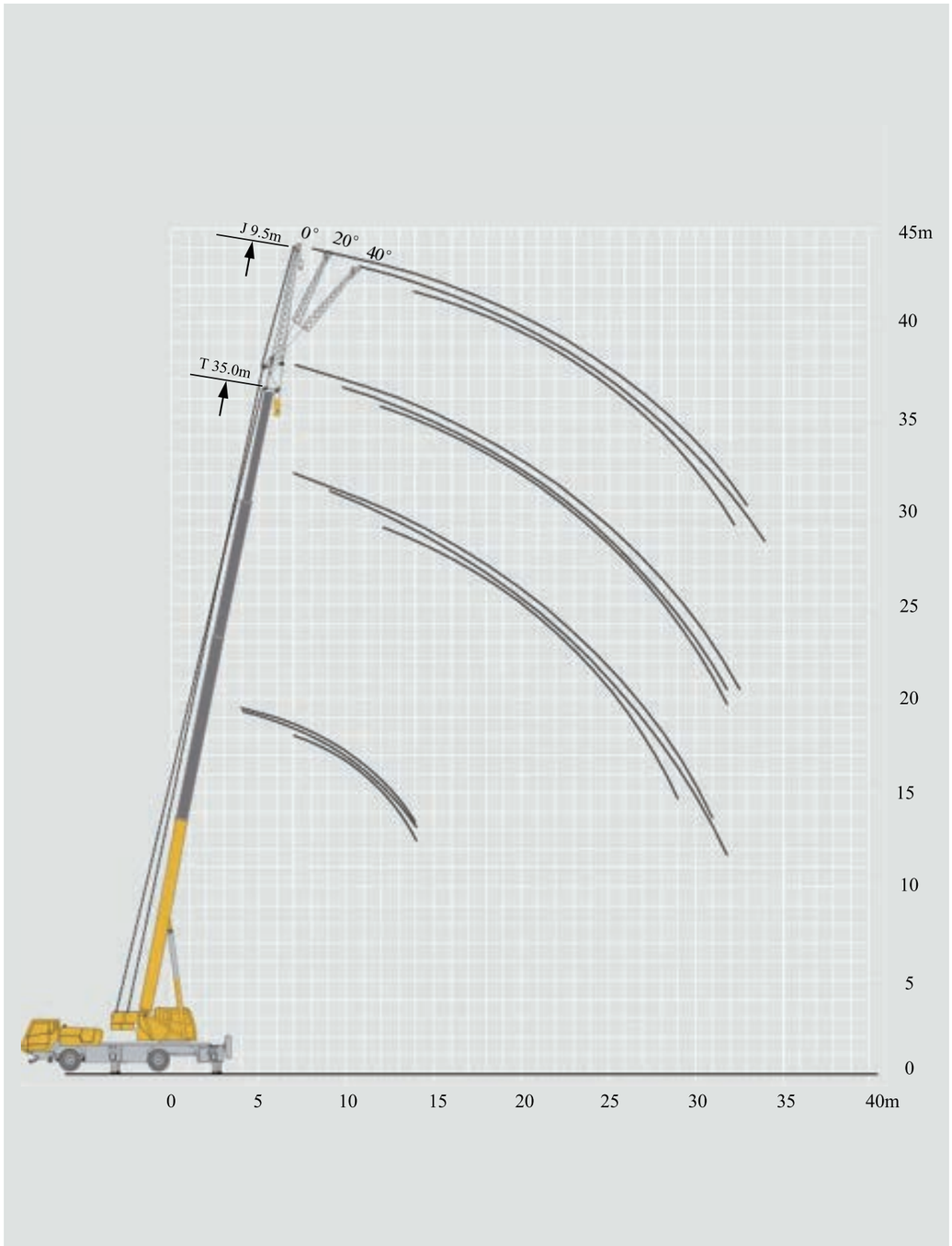
Notes: The technical data with ** followed are for telescopable loads.

T 10.6~35m

	10.6 m	15.5 m		20.4 m		25.2 m		30.1 m		32.6 m		35 m	
			**		**		**		**		**		**
3	30.6	19.7	12.3										
3.5	28.2	20.2	12.4	17.5	10.5								
4	25.6	20.6	12.5	18.0	10.4	15.1	8.3						
4.5	21.5	21.2	12.7	18.3	10.4	15.0	8.2	12.0	6.0				
5	16.8	17.3	12.9	17.6	10.2	14.9	8.2	11.9	5.9	9.0	4.4		
6	11.5	11.9	9.5	12.2	9.7	12.3	8.0	10.8	5.8	9.0	4.3	7.9	2.9
7	8.6	8.9	7.1	9.2	7.3	9.3	7.4	9.4	5.6	8.9	4.2	7.9	2.7
8		5.7	4.6	5.9	4.7	6.0	4.8	6.1	4.9	6.1	4.0	7.3	2.6
9		4.5	3.6	4.7	3.7	4.8	3.8	4.9	3.9	4.9	3.8	4.9	2.2
10		3.7	2.9	3.8	3.1	4.0	3.2	4.0	3.2	4.0	3.2	4.0	2.1
11		3.0	2.4	3.2	2.5	3.3	2.7	3.3	2.7	3.4	2.7	3.4	2.0
12		2.5	2.0	2.7	2.1	2.8	2.2	2.8	2.2	2.9	2.3	2.9	1.9
13				2.3	1.8	2.4	1.9	2.4	1.9	2.4	1.9	2.5	1.8
14				2.0	1.6	2.1	1.6	2.1	1.7	2.1	1.7	2.1	1.7
15				1.7	1.3	1.7	1.4	1.8	1.4	1.8	1.4	1.9	1.5
16				1.4	1.1	1.5	1.2	1.5	1.2	1.6	1.3	1.6	1.3
17				1.2	1.0	1.3	1.0	1.4	1.1	1.4	1.1	1.4	1.1
18						1.1	0.9	1.2	0.9	1.2	0.9	1.2	1.0
19						1.0	0.8	1.0	0.8	1.0	0.8	1.0	0.8
20						0.8	0.6	0.8	0.7	0.8	0.7	0.9	0.7
21						0.6		0.7		0.7		0.8	
22						0.5		0.6		0.6		0.6	
23								0.5		0.5		0.5	

Notes: The technical data with ** followed are for telescopable loads.

Jib



J 9.5m

	35 m			
	0°	20°	40°	
80	3.8	2.8	2.2	80
78	3.8	2.8	2.2	78
75	3.5	2.6	2.2	75
72	2.8	2.4	2.1	72
70	2.6	2.3	2.0	70
65	2.0	2.1	1.8	65
60	1.7	1.6	1.6	60
55	1.3	1.3	1.4	55
50	1.1	1.1	1.0	50
45	0.9	0.9		45
40	0.7	0.8		40

	35 m			
	0°	20°	40°	
80	3.8	2.8	2.2	80
78	3.8	2.8	2.2	78
75	3.5	2.6	2.2	75
72	2.8	2.4	2.1	72
70	2.6	2.3	2.0	70
65	2.0	2.1	1.8	65
60	1.7	1.5	1.4	60
55	1.3	1.2	1.1	55
50	1.0	0.9	0.9	50
45	0.7			45
40				40

J 9.5m

	35 m			
	0°	20°	40°	
80	3.8	2.8	2.2	80
78	3.8	2.8	2.2	78
75	3.5	2.6	2.2	75
72	2.8	2.4	2.1	72
70	2.6	2.3	2.0	70
65	1.8	1.7	1.5	65
60	1.3	1.1	1.0	60
55	0.8	0.8	0.7	55
50	0.6			50
45				45
40				40

	35 m			
	0°	20°	40°	
80	3.8	2.8	2.2	80
78	3.8	2.8	2.2	78
75	3.5	2.6	2.2	75
72	2.8	2.4	2.1	72
70	2.5	2.2	2.0	70
65	1.6	1.6	1.4	65
60	1.2	1.0	1.0	60
55	0.8			55
50				50
45				45
40				40