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See your XCMG dealer for available options.

CE

XCMG

ALL TERRAIN CRANE

XCA120_E

Intelligent four-axle all terrain crane with high job site transfer performance

XUZHOU CONSTRUCTION MACHINERY GROUP IMP. & EXP. CO., LTD

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XCMG CRANE XCMGCRANE.OFFICIAL

max 120 t | max 66 m | max 94 m

Super lifting performance

New energy-saving hydraulic system

Powerful drive train and superior driving performance

New appearance and humanized design

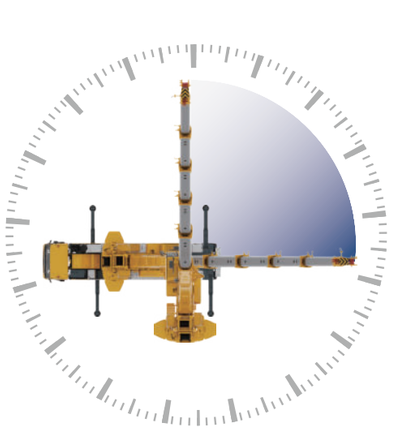
Smart and safe control

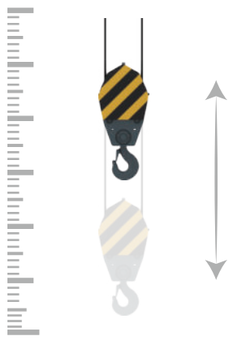
7-section boom of 66m with oval profile, the performance is 3~15% higher than that of the competitors. New single-cylinder pinning telescoping system brings higher telescoping reliability and telescoping with load function. The max. lifting load is 120 t; the max. lifting height is 94 m.

Equipped with folding erect jib, tiny luffing angle operation mode, variable outrigger length, the crane has a strong adaptability for different operation modes.

NEW ENERGY-SAVING HYDRAULIC SYSTEM

- The min. stable slewing speed is 0.1 ° /s. The min. stable lifting speed (at a drum) is 2.5m/min. Precise and safe lifting movements can be realized.
- Automatic duel pump control brings excellent compound movement in the industry with higher working efficiency.
- Single-stage luffing cylinder, free fall for boom lowing.
- Safe electrical proportional balance valve with self-compensating function.
- Planetary gear reducer with normally closed brake.
- Continuous 360° slewing.
- Slewing speed is 0-1.5r/min.





FOLDING INDEPENDENT JIB HEAD

- The jib offset angle is available for 0° and 50° , and the independent jib head can be folded on the right of the boom for a convenient transportation.

A TINY LUFFING ANGLE OPERATION MODE IS STANDARD

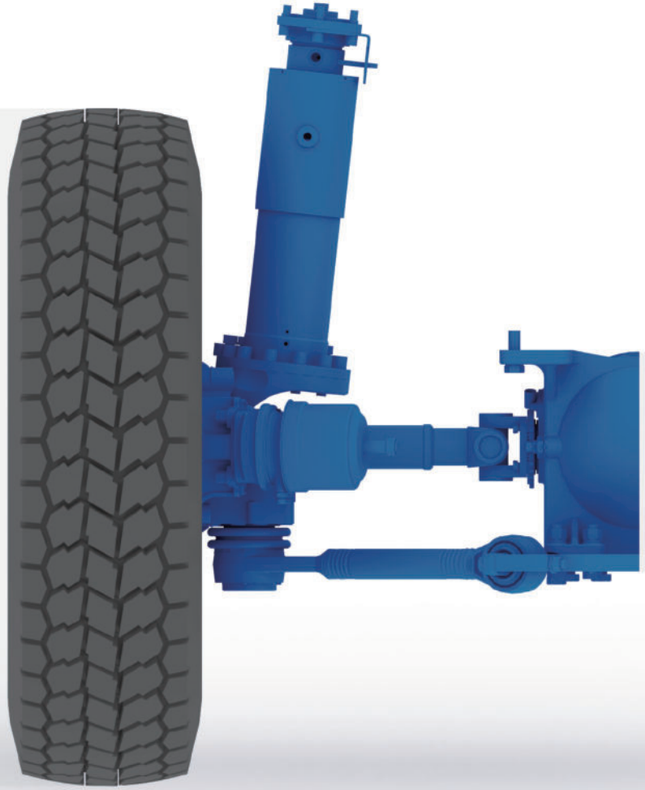
- With boom luffing angle of 0 ° ~ 80 ° , the vehicle is available for lifting operation in narrow space.

LIFTING LOAD OVERTURNING WITH DOUBLE HOOKS

- For long and thin parts loading, the double hooks overturning operation mode is available to realize lifting and overturning with only one crane, which is flexible and convinent.

HEAVY-DUTY SINGLE-TRANSVERSE ARM INDEPENDENT SUSPENSION

- Innovative heavy-duty single-transverse arm independent suspension contributes to excellent off-road traveling capacity and 15% higher operation stability
- The tires on left and right side move up/down separately to adapt to the road conditions, to effectively enhance the stability of steering operation at high speed and achieve excellent off-road performance when driving on the narrow road or the road with poor road conditions.
- Functions such as automatic leveling, moving up and down of suspension, and switching over of elastic and rigid suspension are available
- The cylinder stroke is -150mm ~ 150mm

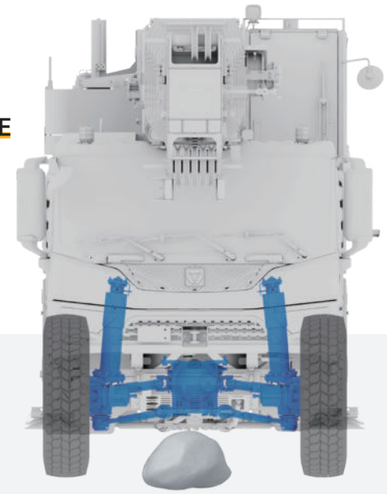


POWERFUL DRIVE TRAIN AND SUPERIOR DRIVING PERFORMANCE

- Daimler OM471diesel engine, with rated power of 360kW and Max. output torque of 2400N.m (Stage V)
- ZF 12-speed AMT automatic transmission
- Max. travel speed is 80km/h, and max. grade ability is 60%

BRAKING SYSTEM

- Dual-circuit pneumatic disc brake
- Axles 2, 3 and 4 are equipped with spring-loaded brakes
- Auxiliary : engine and transmission retarder brake

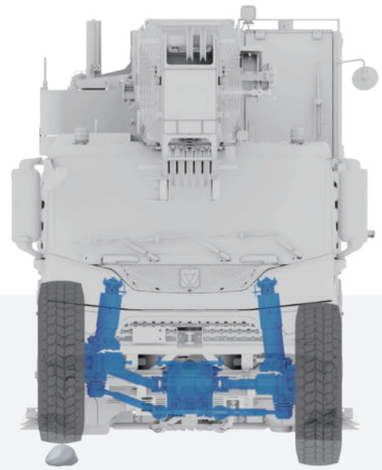


Raise suspension at center

STEERING SYSTEM

- All-axle steering with tight turning radius, and three-axle driving is suitable for rough road traveling
- 5 steering modes can be selected through a knob switch
- 1st axles employ mechanical control plus hydraulic servo steering; 2nd、3rd and 4th axles are electric-control hydraulic steering

  1st axles have emergency steering booster system
- Min. turning diameter is 17 m



Raise single wheel

JOB SITE TRANSFER WITH VARIOUS AXLE LOAD TO MAKE ASSEMBLY /DISASSEMBLY OPERATION CONVENIENT AND EFFICIENT.

- It has three travel configurations of 47 t, 48 t and 66 t and can realize short-distance job site transfer with 33t counterweight

New generation appearance design presents power and vigor. Fashionable new cabs show a perfect combination of streamlining and strength. With ergonomic analysis and user-friendly details integrated, a quality product is created. It is convenient to maintain, easy to drive and comfortable to operate

DRIVER'S CAB

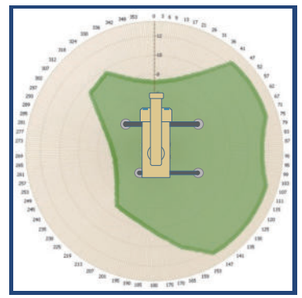
- 12.3-inch color display with large screen makes indication clear
- Air-suspension seats are equipped for both driver' s seat and co-driver' s seat
- Air conditioning for both heating and cooling is available

OPERATOR'S CAB

- Information about lifting or driving operations will be known easily, contributing to easier and more convenient operation
- The boom head, winch and counterweight cameras are convenient for the operator to observe the operation state.
- Outriggers can be controlled in the operator's cab without getting on and off the vehicle, making outriggers operation more convenient.
- The cab is installed with electric telescopic pedal.

SMART AND SAFE CONTROL

- The wireless controller remotely controls the outriggers, lifting, luffing, slewing, counterweight and jib extension and retraction, making "one person-one machine" operation intelligent and enjoyable



VARIABLE OUTRIGGER LENGTH

- Various outrigger length (4 outrigger length) are available for different construction sites, which is suitable for lifting operation in narrow space

OPERATION MODE AUTOMATIC PLANNING

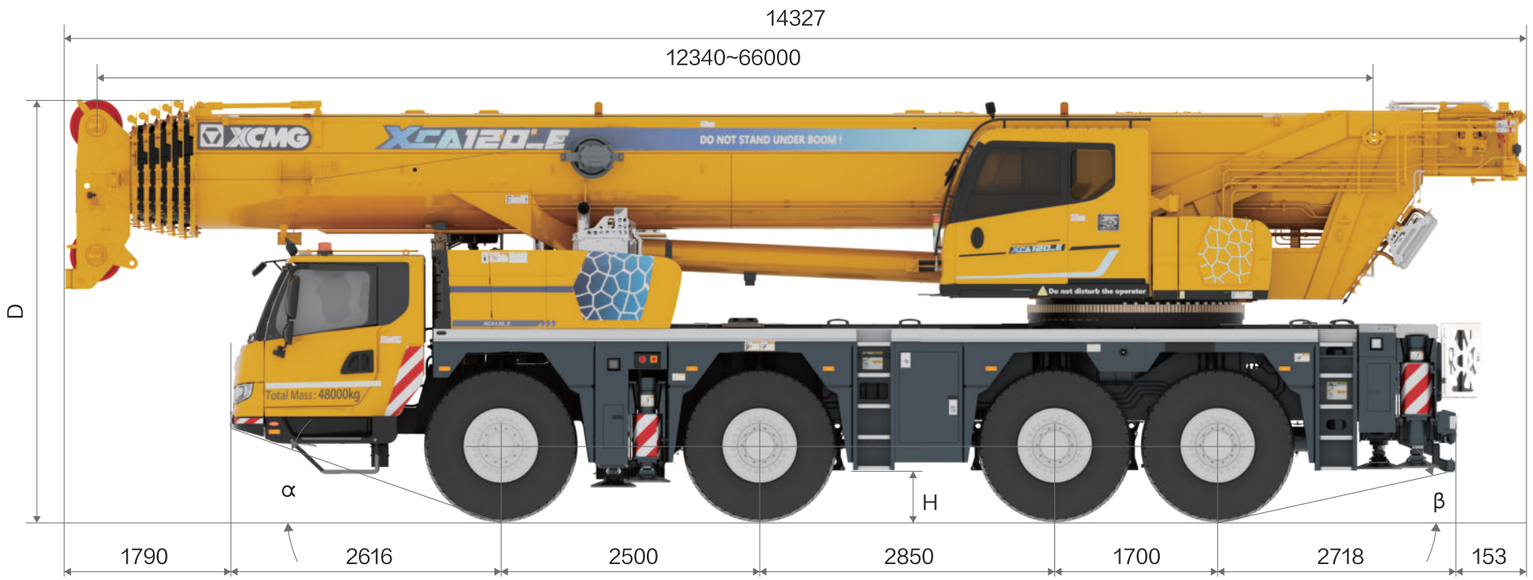
- Automatically recommend the most proper operation mode
- Simplify searching and setting of operation modes

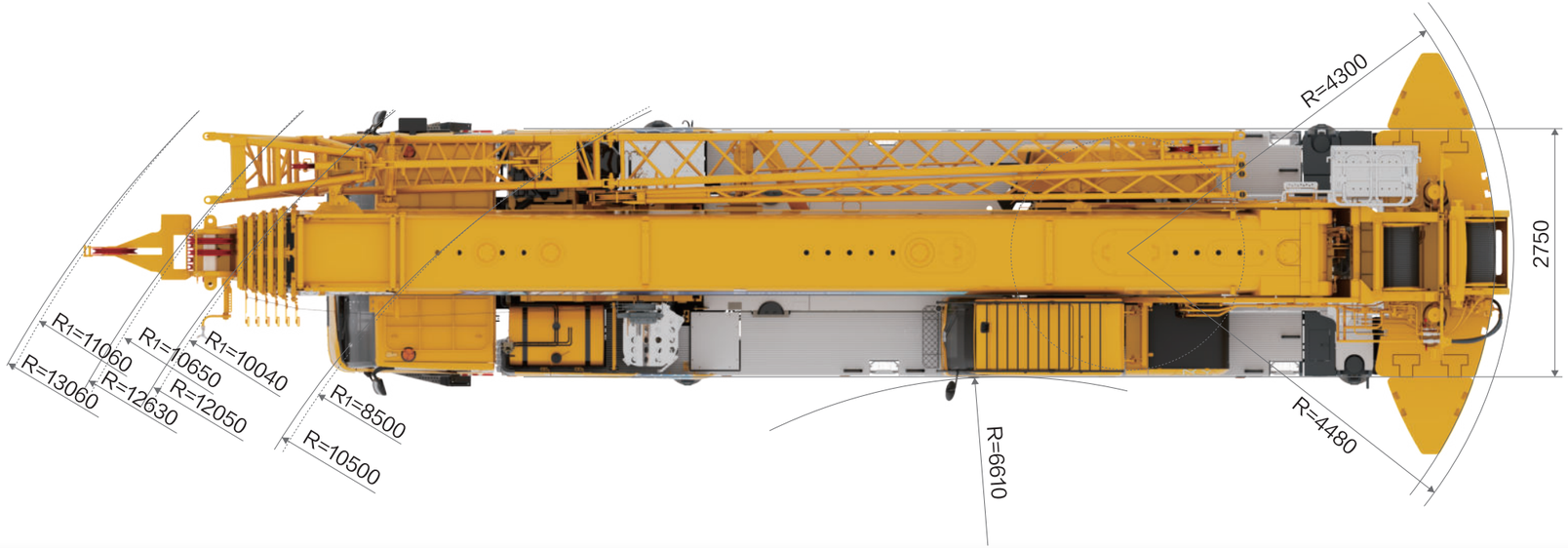
AUTOMATIC LUFFING COMPENSATION

- With luffing compensation, radius change caused by boom deformation can be compensated while the load is clearing of the ground

HOOK HEIGHT COMPENSATION

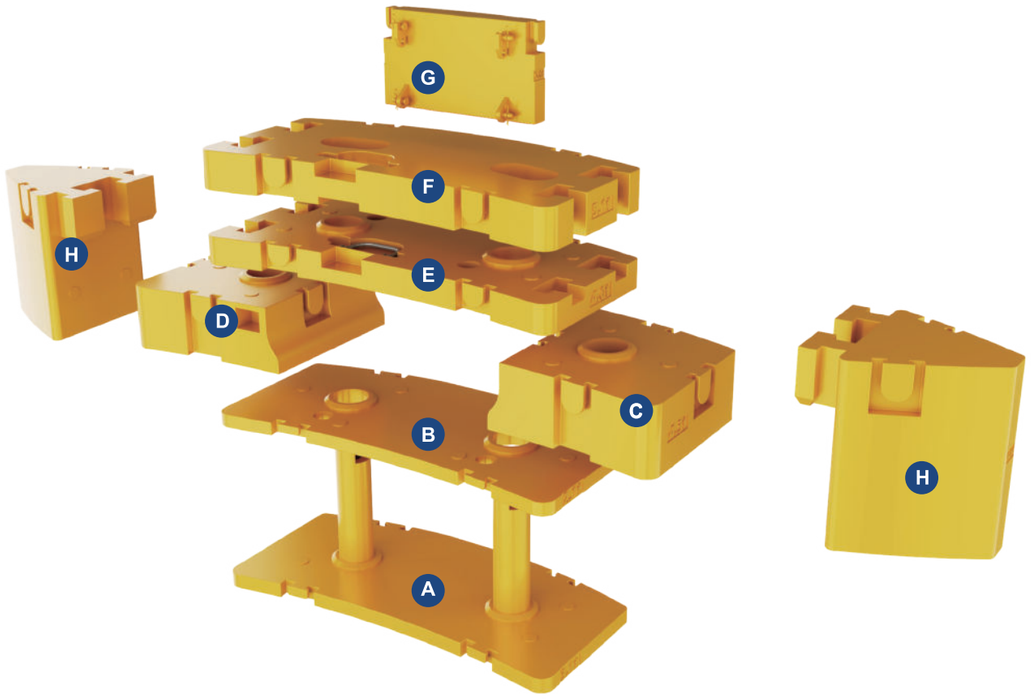
- With hook height compensation, the winch is automatically managed by control system during telescoping and luffing operation, which saves operation time over 40%
- There are 3 modes : THB, THG, EHG

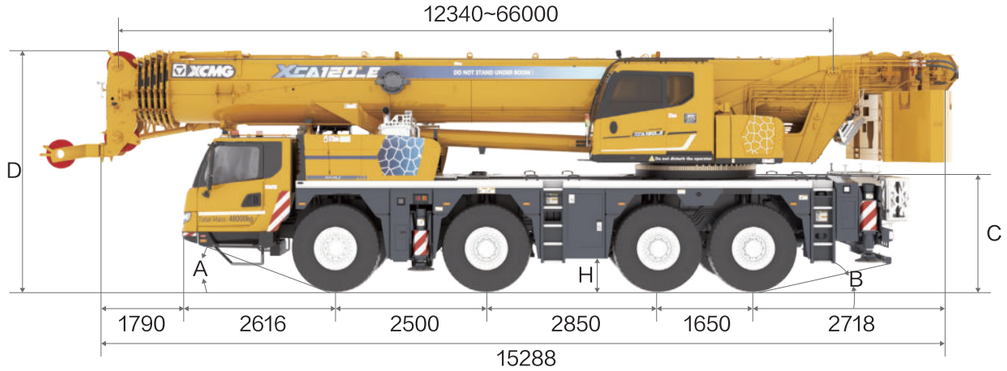


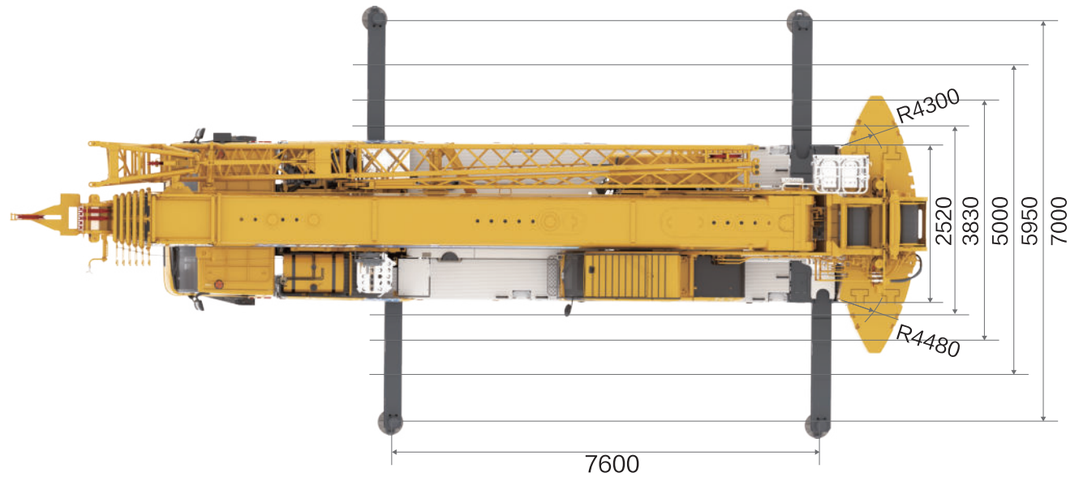


	D/mm	B/mm	H1/mm	H2/mm	α /°	β /°
445/95 R25(standard)	3940	2296	385	430	19	12
385/95 R25(optional)	3890	2240	335	380	18	11
525/80 R25(optional)	3940	2296	385	430	19	12

Suspensions at middle position with full stroke of 300 mm







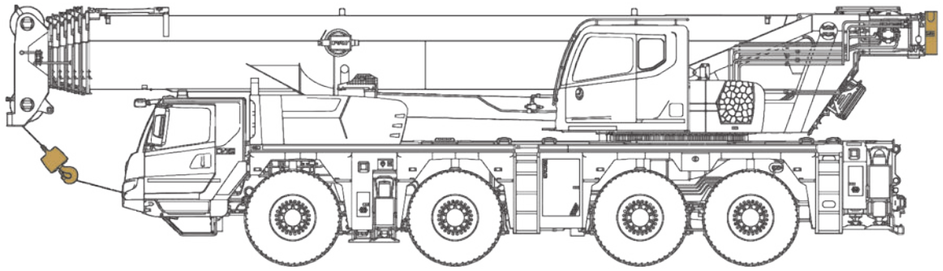
Note:Tight turning steering mode

Counterweight	A	B	C	D	E	F	G	H
Dimension L/W/H(MM)	2750/13 72/1150	2750/13 72/130	1245/13 72/505	1245/13 72/505	2750/13 72/232	2750/13 72/270	1200/650 /281	1110/100 /1153
Weight(t)	3.1	2.1	4.3	4.3	4	5.1	0.9	4.6
Working mode	**33t**	**23.8t**	**18.7t**	**14.7t**	**7.1t**	**6.1t**	**4t**	**0.9t**
Combinations	G+A+B+ C+D+E+ F+Hx2	G+A+B+ C+D+E+ F	G+A+B+ C+D+E	G+A+B+ C+D	A+E	G+A+B	G+A	G

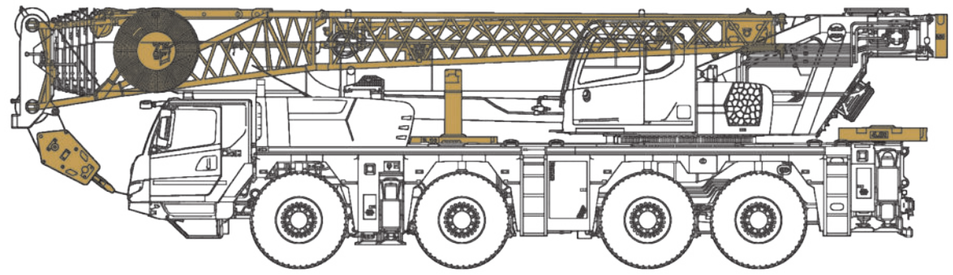
	A	B	C	D	H
Unit	°	°	mm	mm	mm
445/95 R25(standard)	19	12	1872	3940	385
385/95 R25(optional)	18	11	1822	3890	335
525/80 R25(optional)	19	12	1872	3940	385

Note: parameters for tire of 525/80R25 (20.5R25) are only for technical reference.

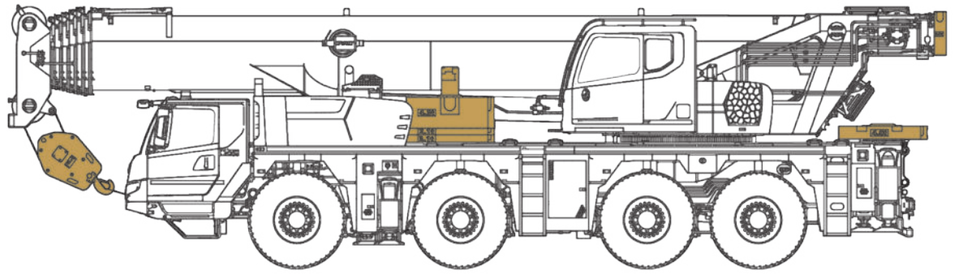
There is no 525/80R25 (20.5R25) configuration for WVTA approval.



GVW 48t 11t hook Axle load ≤12t C/T 0.9t Drive/Steer: 8x8x6



GVW 57.5t Jib 60t hook Axle load ≤14.5t C/T 7.1t Drive/Steer: 8x8x6



GVW 66t 25t hook Axle load≤16.5t C/T 18.7t Drive/Steer: 8x8x6

Hook	Parts of line	Weight(kg)	Dimensions(mm)	Parameter
130 t	14	1200	1907×860×837	Double hook
90t	10	820	1661×663×536	Double hook
60 t	7	580	1456×630×350	Double hook
25 t	3	400	1439×335×630	Single hook
11 t	1	220	806×320×320	Single hook

Main performance		Unit	Parameter
Max. rated lifting capacity		t	120
Min. rated working radius		m	2.5
Max. load moment	Base boom	kN.m	3293
	Fully-extended boom	kN.m	1680
	Fully-extended boom + Jib	kN.m	1230
Outrigger span	Longitudinal	m	7.6
	Lateral	m	7.0/5.95/5.0/3.83
Hoist height	Base boom	m	13.4
	Fully-extended boom	m	64.3
	Fully-extended boom + Jib	m	94
Boom length	Base boom	m	12.3
	Fully-extended boom	m	66
	Fully-extended boom + Jib	m	94.2

Working speed		Unit	Parameter
Boom raising from −0.5° to 82°		s	60
Boom fully extended		s	800
Max. slewing speed		r/min	1.45
Hoisting speed	Main winch	m/min	135
(single line,4th layer, no load)	Auxiliary winch	m/min	135
Outrigger extending and retracting time	Beam-Retracting	s	25
	Beam-Extending	s	20
	Jack-Retracting	s	55
	Jack-Extending	s	45

Hook block	Unit	Parameter
Standard	t	11 / 25 / 60
Optional	t	90 / 130

Main performance		Unit	Parameter
Max. rated lifting capacity		t	120
Min. rated working radius		m	2.5
Max. load moment	Base boom	kN.m	3293
	Fully-extended boom	kN.m	1680
	Fully-extended boom + Jib	kN.m	1230
Outrigger span	Longitudinal	m	7.6
	Lateral	m	7.0/5.95/5.0/3.83
Hoist height	Base boom	m	13.4
	Fully-extended boom	m	64.3
	Fully-extended boom + Jib	m	94
Boom length	Base boom	m	12.3
	Fully-extended boom	m	66
	Fully-extended boom + Jib	m	94.2

Working speed		Unit	Parameter
Boom raising from -0.5° to 82°		s	60
Boom fully extended		s	800
Max. slewing speed		r/min	1.45
Hoisting speed	Main winch	m/min	135
(single line,4th layer, no load)	Auxiliary winch	m/min	135
Outrigger extending and retracting time	Beam-Retracting	s	25
	Beam-Extending	s	20
	Jack-Retracting	s	55
	Jack-Extending	s	45

Hook block	Unit	Parameter
Standard	t	11 / 25 / 60
Optional	t	90 / 130

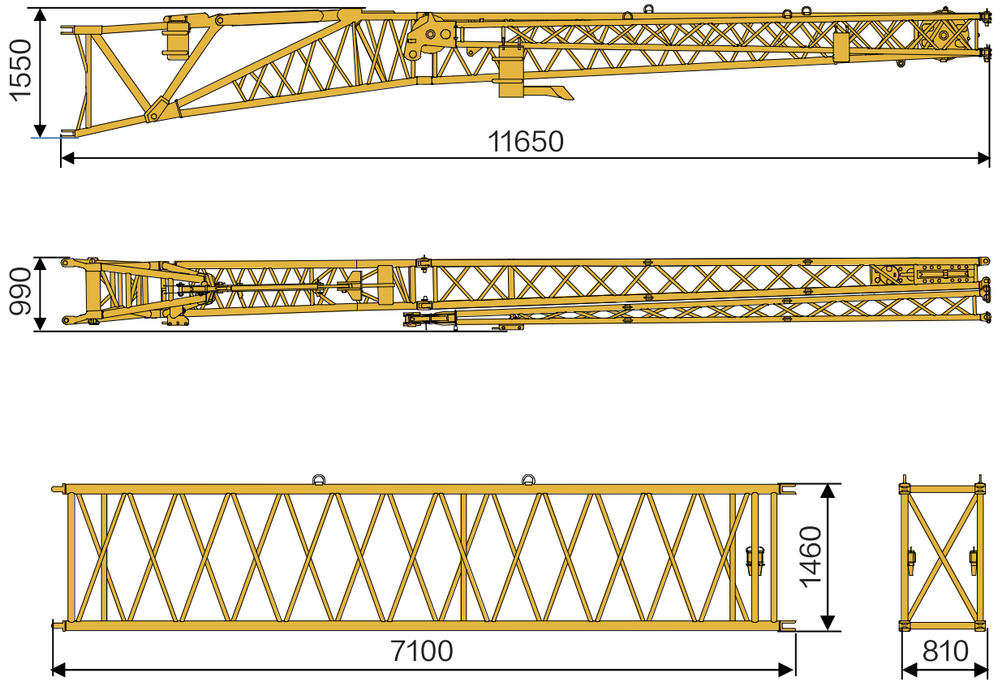
Chassis	
Frame	Designed and manufactured by XCMG. Box structure design with high load-bearing capacity, made of high strength steel. Finite element analysis method is adopted for all working conditions analysis and calculation. High standard testing is realized for the whole manufacturing process. Flaw detection is applied for the key parts to guarantee the high reliability of strength and stability during the load-bearing process.
Outriggers	H-type single-stage outrigger system with push-pull outrigger float and two telescoping working position (fully-extended, 3/4-extended, half-extended and 1/4-extended) to satisfy various working condition requirements. Outrigger control panel is controlled by CAN bus located on the sides of chassis. Outrigger float dimension: ϕ450mm Reaction force of front outriggers at max. lifting load: 565kN (57614 kgf); Reaction force of front outriggers at max. lifting load: 722kN (73623.5 kgf).
Engine	MTU engine OM471LA.E5-2, with rated power of 360kW/1600rpm and max. torque of 2400Nm/1300rpm . Emission standard: EU Stage V Fuel tank capacity: 460 L. AdBlue tank capacity: 40L
Hydraulic system	The remote constant pressure control system can realize integrated control of the outriggers, suspension and rear steering system, which is mature and stable.
Axles	German originally imported ZF AMT transmission 12TX2616SO is adopted; It is equipped with 12 forward gears, 2 reverse gears and a retarder.
Suspension	With advanced independent suspension technology, the right and left tires can move independently to improve the drive smoothness. Hydro-pneumatic suspension system adopts automatic leveling function and has good shock-absorbing effect. The height of chassis above the ground may be adjusted, and the main reducer is fixed on the frame, which can be lifted up and down with the frame to greatly improves the passability of the vehicle; The stroke of suspension cylinder is ±150mm.

Chassis	
Tire	8 tires and 1 spare tire. Tire specifications: 445/95R25 (16.00R25) (Aluminum alloy rim)
Brakes	Service brake: foot pedal operated double-circuit air pressure brake. The first circuit acts on the wheels of axle 3rd and 4th ; the second circuit acts on the wheels of axle 1st and 2nd . Parking brake is air-release brake, which acts on the 2nd, 3rd and 4th axles, and gives effect by the spring-loaded air chamber on each axle. Auxiliary brake: engine retarder brake, transmission retarder brake and optional electric eddy-current retarder brake.
Driver's cab	Full dimension steel structure luxury cab has spring connection structure and rear damper. It is also equipped with electrically operated window lifter, air suspension adjustable seats, electric heating and adjustable rearview mirrors, steering wheel adjustable in four directions, DVD， navigation, and large screen liquid crystal display, etc. New combined central control panel is reasonably arranged with arc shape, presenting human-oriented design concept. LED combined lamp; Multifunction steering wheel; Central locking system with remote controller; The interior adopts PVC hot pressing technology; One key for all; Human-machine interaction with UI interface upgraded; Heater, air conditioner and audio system are standard.
Electrical system	CAN BUS controlled electrical system with fault diagnosis and information centralized indication function, XCMG G1 HMI system and traveling intelligent controlling system. 24 V DC, two sets of 12 V battery in series. Engine: 28V/150A

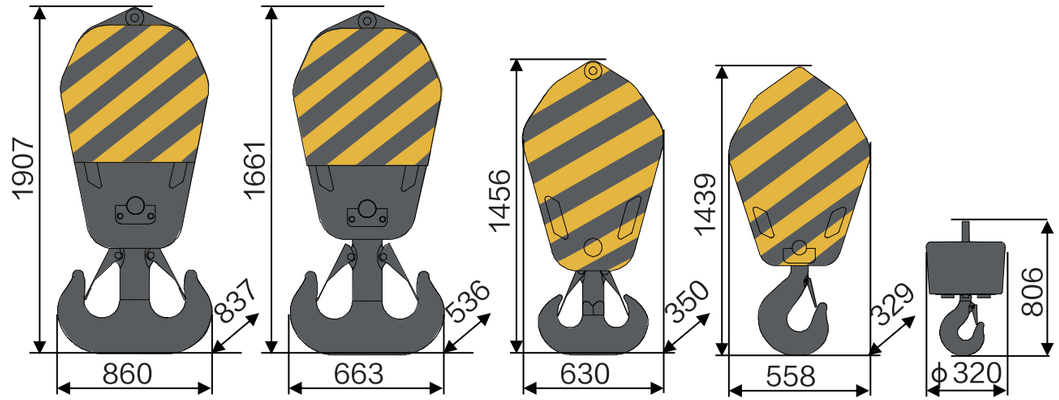
Superstructure	
Frame	Designed and manufactured by XCMG, made of high strength steel.
Hydraulic system	Transmission PTO and two variable piston pumps are used for superstructure luffing, telescoping and winch operation. The slewing system applies independent closed hydraulic circuit and the hydraulic pilot applies front steering pump, with the hydraulic oil tank capacity of 525L.
Control system	Pilot electric and hydraulic proportional control, stepless speed regulation, all movements of the crane is controlled by two levers at left and right sides. Portable wireless remote control device is equipped to realize the pre-operational work for setting up the crane.
Main winch	Driven by a hydraulic motor, with build-in planetary gear reducer. Specific anti-dis-order Lebus rope winding drum and anti-coiling wire rope are available.
Slewing system	Three-point roller external tooth slewing ring with a dual slewing mechanism is driven by hydraulic motor, with built-in planetary gear reducer and constant-closed brake equipped, and may continuously slew 360° . Power control and free slewing function as well as stepless speed regulation are available.
Operator's cab	New fully-enclosed steel cab has better sealing and anti-corrosive properties. It is equipped with a full-view front window. Safety glass and sun shield are used for windows. The cab features a new ergonomic seat design with backrest adjustment and armrests with joysticks fitted. A pull-out step is available to make it easy and safe as access and egress the cab. Wipers are fitted for the windshield and roof window. Control panel with man-machine interactive system is used in operator's cab. The cab can be tilted up to 20° .

Superstructure	
Safety device	Hydraulic counterbalance valve, hydraulic relief valve, hydraulic double-way valve, LMI are available. Lowering limiter is equipped in winch to prevent rope over-releasing. Anti-two block is fitted on the boom head to prevent rope over-winding. Anemometer is equipped to check whether aerial wind velocity is in safe working range. Winch monitoring device is also equipped.
Electrical system	DC 24 V, with 2 sets of 12 V batteries in series.
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 before overloading. Overload memory function (black box) and fault self-diagnosis function are available.
Combined counterweight	Total weight: 33 t Counterweight slab A: 3.1 t Counterweight slab B: 2.1 t Counterweight slab C: 4.3 t Counterweight slab D: 4.3 t Counterweight slab E: 4.0 t Counterweight slab F: 5.1 t Counterweight slab G: 0.9 t Counterweight slab H: 4.6 t × 2
Hook block	60 t hook block / 25t hook block/ 11 t hook block
Boom	7-section boom with U-shaped cross-section, welded structure. Single cylinder concept with double lock system is safer and more reliable. 46%, 92% and fully-extended telescoping modes can be realized. Boom length: 12.3m ~ 66m

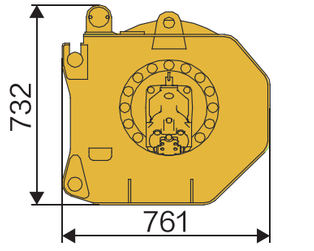
Jib and bracket 2200kg

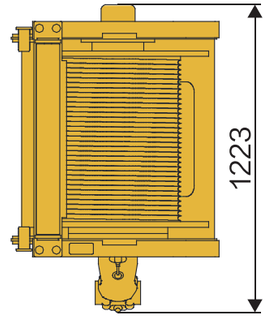


Hook block

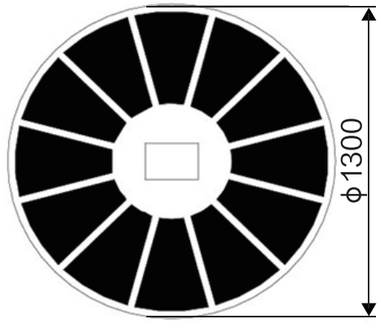


Auxiliary winch (rope included) 1300kg

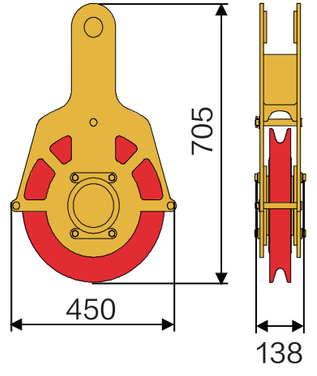




Hose reel 270kg



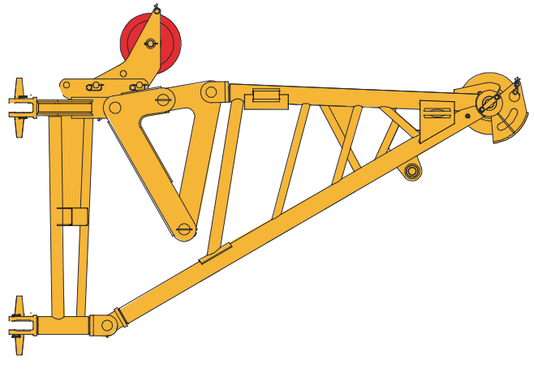
Additional sheave block 40kg



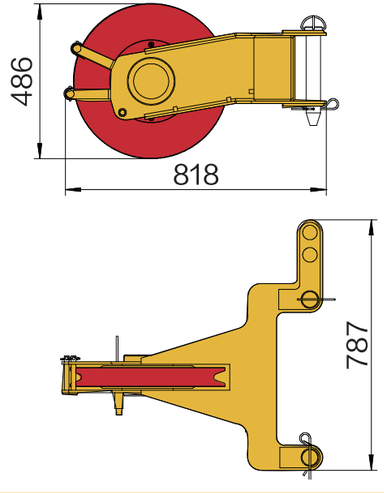
Erection jib 680kg

2990 × 830 × 1890 (folded configuration)

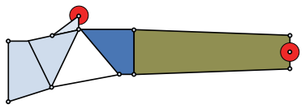
3160 × 830 × 2920 (unfolded configuration)



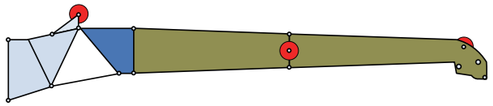
Single top 80kg



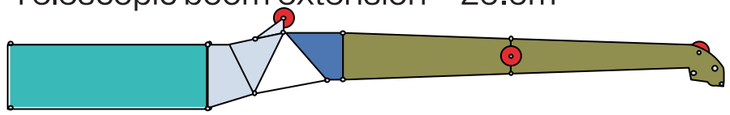
Jib – 11m



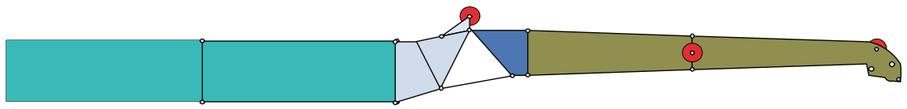
Jib – 18.5m

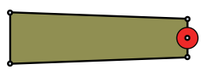


Telescopic boom extension – 25.5m



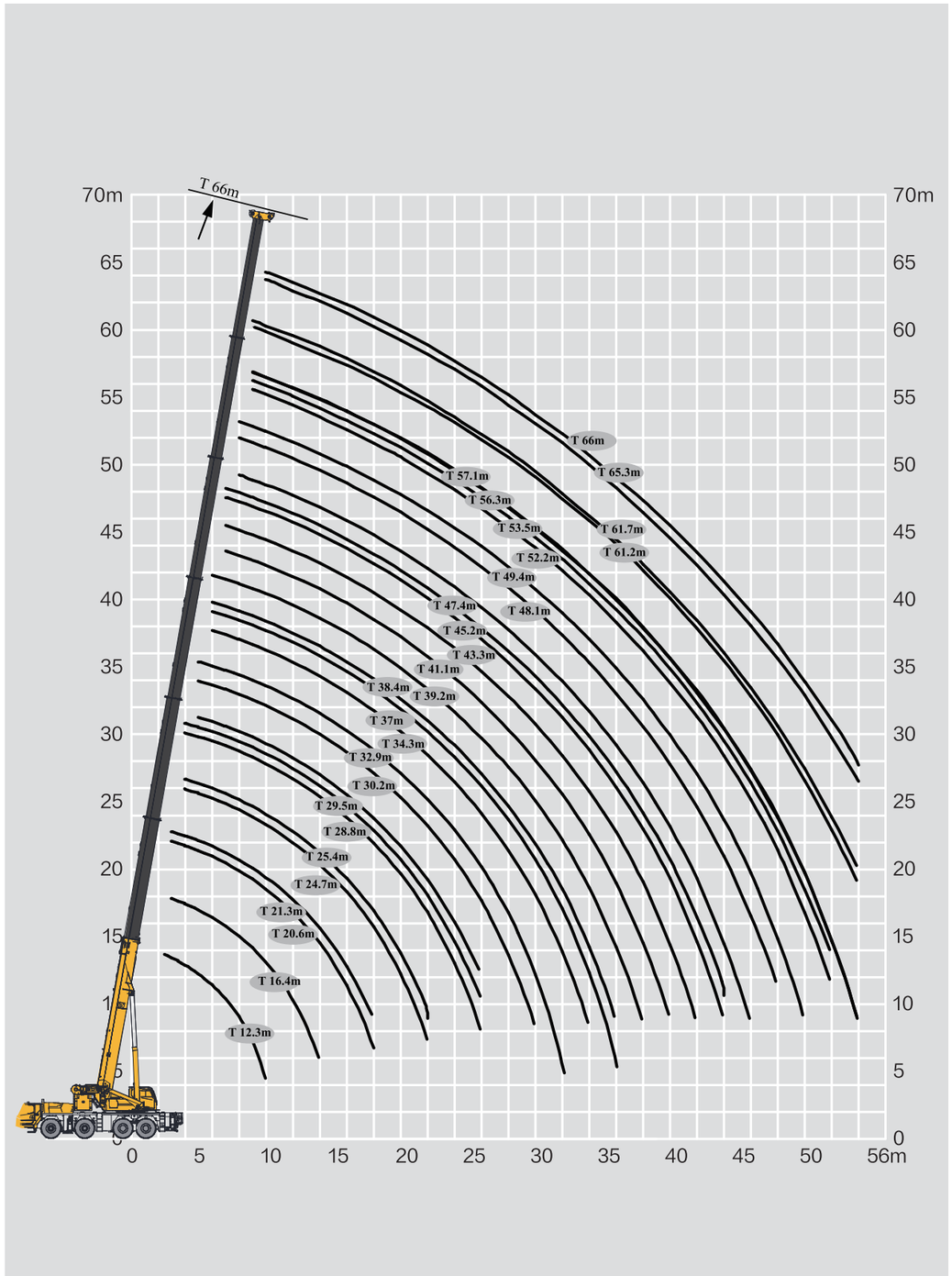
Telescopic boom extension – 32.5m



Component	Structure	Dimensions (L × W × H) (mm)	Weight (kg)
Connecting bracket		2070 × 810 × 1570	360
Folding bracket		3520 × 680 × 1380	381
Telescopic boom extension		7100*810*1460	640
First jib section assembly		7140 × 610 × 970	616
Second jib section assembly		7370 × 430 × 660	364

Boom	Jib	Boom extension
T：12.3~66 m	T：12.3~65.3m J：11/18.5 m	T：12.3~61.7m I：14 m J：11/18.5 m

Boom



T 12.3–30.2m

12.3–30.2m | 7.6m × 7.0m | 360° | 33t | 13000 EN

	12.3*m	12.3m	16.4m	20.6m	21.3m	24.7m	25.4m	28.8m	29.5m	30.2m
2.5	120**									
3	80.0	70.0	67.0	65.0	36.3					
3.5	78.0	70.0	65.4	63.0	34.0					
4	72.0	66.4	65.1	60.2	31.8	57.0	30.0	55.3	28.0	
4.5	68.0	61.7	61.0	56.8	30.1	54.0	30.0	52.0	26.8	
5	64.0	57.4	57.4	54.0	28.6	50.5	29.6	48.8	25.5	25.5
6	55.0	50.1	50.1	48.5	25.5	46.7	26.9	44.3	23.1	23.2
7	48.0	45.0	46.0	45.0	23.4	43.2	24.3	40.9	20.9	21.1
8	41.0	39.5	40.6	40.5	21.5	39.7	22.1	37.9	19.0	19.4
9	34.5	34.5	36.1	36.0	19.7	36.5	20.4	35.5	17.6	17.8
10	26.5	26.5	32.1	32.5	18.2	32.2	19.1	32.8	16.2	16.5
12			25.6	25.8	16.0	26.6	16.6	26.2	14.3	14.4
14			19.4	21.5	14.3	22.3	14.6	22.0	12.5	12.7
16				18.1	12.7	19.0	13.1	18.1	11.1	11.3
18				15.1	11.5	16.0	11.8	15.5	10.0	10.2
20						13.7	10.7	13.4	9.1	9.3
22						11.6	9.9	11.7	8.3	8.5
24								10.6	7.6	7.8
26								9.3	7.1	7.2

* indicates the lifting capacity of boom over rear

** indicates the grade of lifting capacity

T 32.9–48.1m

32.9–48.1m | 7.6m × 7.0m | 360° | 33t | 13000 EN

	32.9m	34.3m	37m	38.4m	39.2m	41.1m	43.3m	45.3m	47.4m	48.1m
5	46.9	24.0								
6	42.5	22.6	40.8	21.5	21.5	40.3				
7	38.5	21.0	38.7	20.5	20.4	36.8	16.0	29.0	17.3	
8	35.4	19.5	34.2	19.4	19.4	33.1	16.0	29.0	16.5	18.5
9	32.6	18.2	31.4	18.3	18.3	30.4	15.7	27.4	15.8	17.3
10	30.1	16.9	29.7	17.2	17.2	27.6	15.3	26.1	15.0	15.9
12	25.6	14.7	26.0	15.3	15.2	24.2	14.5	22.7	13.5	13.8
14	22.1	13.2	21.6	13.7	13.7	20.7	13.7	19.6	12.4	12.1
16	18.6	11.8	17.6	12.4	12.3	17.5	12.9	16.5	11.5	10.7
18	15.9	10.7	15.2	11.3	11.3	14.7	12.1	14.4	10.7	9.6
20	13.5	9.7	13.4	10.3	10.4	12.9	11.4	12.6	9.9	8.6
22	11.5	8.9	11.8	9.6	9.6	11.4	10.7	11.4	9.3	7.8
24	9.9	8.2	10.4	8.9	8.9	9.9	9.9	9.9	8.7	7.1
26	8.9	7.6	9.1	8.3	8.2	8.6	9.0	8.6	8.2	6.4
28	8.0	7.1	8.0	7.7	7.7	7.5	8.0	7.6	7.3	6.0
30	7.2	6.6	7.1	7.2	7.2	6.7	7.0	6.7	6.5	5.5
32		4.8	6.3	6.7	6.7	6.1	6.3	5.9	5.8	5.1
34			5.6	6.1	6.1	5.7	5.6	5.3	5.2	4.7
36				4.6	5.5	5.2	5.0	4.9	4.7	4.3
38						4.8	4.5	4.5	4.2	4.1
40							4.0	4.1	3.8	3.7
42							3.6	3.4	3.4	3.5
44									3.1	3.2

T 49.4–66m

49.4–66m | 7.6m × 7.0m | 360° | 33t | 13000 EN

	49.4m	52.2m	53.5m	56.3m	57.1m	57.6m	61.2m	61.7m	65.3m	66m
8										
9	23.8	13.6	18.2							
10	23.2	13.2	18.2	12.4						
12	21.2	12.6	18.0	11.7	11.6	14.2	10.7	11.4		
14	18.8	11.9	16.4	11.0	10.9	14.3	10.3	11.2	9.0	8.8
16	16.4	11.2	15.0	10.4	10.2	13.3	9.8	11.1	8.8	8.6
18	13.9	10.5	13.2	9.9	9.8	12.0	9.5	10.5	8.6	8.3
20	11.6	9.9	11.4	9.3	9.3	10.9	9.1	10.0	8.4	8.0
22	10.0	9.3	10.2	8.9	8.8	9.8	8.6	9.2	8.0	7.6
24	8.9	8.6	8.9	8.3	8.2	8.7	8.1	8.1	7.5	7.1
26	8.1	7.8	8.1	7.3	7.3	7.6	6.8	7.2	7.1	6.6
28	7.2	6.9	7.3	6.4	6.4	6.7	6.1	6.3	6.2	6.1
30	6.4	6.1	6.5	5.7	5.7	6.1	5.4	5.7	5.4	5.3
32	6.0	5.4	5.7	5.0	5.0	5.5	4.7	5.0	4.7	4.7
34	5.4	4.8	5.2	4.5	4.4	4.8	4.2	4.4	4.1	4.1
36	4.8	4.3	4.7	4.0	3.9	4.3	3.7	3.8	3.6	3.6
38	4.4	3.9	4.1	3.5	3.5	3.8	3.2	3.3	3.2	3.1
40	3.9	3.5	3.7	3.1	3.1	3.3	2.9	2.9	2.8	2.7
42	3.4	3.1	3.2	2.8	2.8	2.9	2.5	2.5	2.4	2.4
44	3.1	2.8	2.9	2.5	2.5	2.6	2.2	2.2	2.1	2.0
46	2.8	2.5	2.6	2.2	2.2	2.3	1.9	1.8	1.8	1.7
48		2.2	2.3	1.9	1.9	1.9	1.6	1.5	1.5	1.5
50			1.8	1.7	1.7	1.6	1.4	1.3	1.2	1.2
52				1.5	1.5		1.2		1.0	1.0
54							0.9		0.8	0.8

T 12.3–32.9m

	12.3m	16.5m	20.6m	21.3m	24.7m	25.4m	28.8m	29.5m	30.2m	32.9m
3	66.5	63.7	61.8	34.4						
3.5	66.5	62.1	59.2	32.3						
4	63.1	61.8	55.9	30.2	54.2	28.5	52.5	26.6		
4.5	58.3	58.0	53.0	28.6	51.3	28.5	49.4	25.5		
5	54.5	53.8	50.4	27.2	48.0	28.1	46.4	24.2	23.9	44.4
6	47.5	46.6	45.7	24.3	44.4	25.6	42.1	22.0	22.0	40.4
7	40.3	41.2	41.2	22.2	40.3	23.1	38.9	19.8	20.1	35.8
8	34.9	34.0	34.0	20.5	33.1	21.0	32.2	18.1	18.4	31.3
9	30.4	30.4	30.4	18.7	29.5	19.4	28.6	16.7	16.9	27.7
10	22.8	26.8	26.8	17.3	25.9	18.1	25.0	15.4	15.7	25.0
12		20.1	21.0	15.2	21.2	15.8	21.4	13.5	13.7	20.5
14		15.3	16.1	13.6	16.4	13.9	16.6	11.9	12.1	16.4
16			13.1	12.0	13.2	12.4	13.4	10.6	10.7	13.5
18			10.7	10.8	11.1	11.2	11.0	9.5	9.6	11.1
20					9.3	9.4	9.1	8.6	8.7	9.6
22					7.8	7.9	8.1	7.8	7.9	8.1
24							6.9	7.0	7.0	7.0
26							6.0	6.0	6.1	6.0
28										5.2
30										4.5

T 34.3–49.4m

	34.3m	37m	38.4m	39.2m	41.1m	43.3m	45.3m	47.4m	48.1m	49.4m
5	22.8									
6	21.4	38.8	20.4	20.5	38.3					
7	20.0	34.0	19.5	19.4	32.2	15.2	27.6	16.4		
8	18.6	29.5	18.4	18.4	28.6	15.2	27.6	15.7	17.5	
9	17.3	26.8	17.4	17.4	25.9	14.9	25.0	15.0	16.4	22.6
10	16.1	24.1	16.3	16.3	23.2	14.5	22.3	14.3	15.1	21.4
12	14.0	19.6	14.6	14.5	19.6	13.8	18.7	12.8	13.1	17.8
14	12.5	16.8	13.0	13.1	16.0	13.0	16.0	11.8	11.5	15.1
16	11.2	13.4	11.8	11.7	12.8	12.2	13.0	10.9	10.2	12.7
18	10.2	10.9	10.7	10.7	10.8	11.4	10.5	10.1	9.1	10.5
20	9.2	9.1	9.7	9.7	9.4	9.5	9.0	9.4	8.1	9.0
22	8.2	8.2	8.2	8.2	8.0	8.1	7.9	7.9	7.4	7.6
24	7.1	7.0	7.1	7.1	6.8	6.9	6.7	6.8	6.7	6.4
26	6.1	6.0	6.1	6.1	5.9	5.9	5.7	5.8	5.8	5.5
28	5.3	5.2	5.3	5.3	5.0	5.1	4.9	5.0	5.0	4.6
30	4.6	4.5	4.6	4.6	4.4	4.4	4.2	4.3	4.3	4.0
32	4.0	3.9	4.0	4.0	3.8	3.9	3.6	3.7	3.7	3.4
34		3.4	3.5	3.5	3.3	3.3	3.1	3.2	3.2	2.9
36			3.1	3.1	2.8	2.9	2.7	2.8	2.7	2.4
38					2.4	2.5	2.3	2.4	2.4	2.0
40						2.2	1.9	2.0	2.0	1.7
42							1.6	1.7	1.7	1.4
44								1.4	1.4	1.1
46										0.8

T 52.2–66m

52.2–66m | 7.6m × 7.0m | 360° | 18.7t | 13000 EN

	52.2m	53.5m	56.3m	57.1m	57.6m	61.2m	61.7m	65.3m	66m
9	12.9								
10	12.6	17.3	11.7						
12	11.9	16.9	11.1	11.0	13.5	10.2	10.9		
14	11.3	15.1	10.5	10.4	13.6	9.8	10.7	8.6	8.4
16	10.6	12.6	9.8	9.7	12.0	9.3	10.5	8.4	8.2
18	10.0	10.4	9.4	9.3	10.2	9.0	9.9	8.2	7.9
20	9.1	8.8	8.9	8.8	8.4	8.5	8.1	8.0	7.6
22	7.7	7.3	7.4	7.4	7.0	7.0	6.7	6.7	6.7
24	6.5	6.2	6.3	6.2	5.8	5.9	5.5	5.6	5.5
26	5.5	5.2	5.3	5.3	4.9	4.9	4.6	4.6	4.6
28	4.7	4.4	4.5	4.5	4.1	4.1	3.8	3.8	3.8
30	4.0	3.7	3.8	3.8	3.4	3.5	3.1	3.2	3.1
32	3.5	3.2	3.2	3.2	2.8	2.9	2.5	2.6	2.5
34	2.9	2.7	2.7	2.7	2.3	2.4	2.0	2.1	2.0
36	2.5	2.2	2.3	2.3	1.9	1.9	1.6	1.6	1.6
38	2.1	1.8	1.9	1.9	1.5	1.5	1.2	1.3	1.2
40	1.8	1.5	1.5	1.5	1.1	1.2	0.8	0.9	0.9
42	1.4	1.2	1.2	1.2	0.8	0.9			
44	1.2	0.9	0.9	0.9					
46	0.9	0.6	0.7	0.7					
48	0.7								

T 12.3–32.9m

12.3–32.9m | 7.6m × 7.0m | 360° | 0.9t | 13000 EN

	12.3m	16.5m	20.6m	21.3m	24.7m	25.4m	28.8m	29.5m	30.2m	32.9m
3	66.5	63.7	61.8	34.4						
3.5	66.5	62.1	59.2	32.3						
4	63.1	61.8	55.9	30.2	54.2	28.5	52.5	26.6		
4.5	58.3	58.0	53.0	28.6	51.3	28.5	49.4	25.5		
5	54.5	53.8	50.4	27.2	48.0	28.1	46.4	24.2	23.9	44.4
6	47.5	46.6	45.7	24.3	44.4	25.6	42.1	22.0	22.0	40.4
7	40.3	41.2	41.2	22.2	40.3	23.1	38.9	19.8	20.1	35.8
8	34.9	34.0	34.0	20.5	33.1	21.0	32.2	18.1	18.4	31.3
9	30.4	30.4	30.4	18.7	29.5	19.4	28.6	16.7	16.9	27.7
10	22.8	26.8	26.8	17.3	25.9	18.1	25.0	15.4	15.7	25.0
12		20.1	21.0	15.2	21.2	15.8	21.4	13.5	13.7	20.5
14		15.3	16.1	13.6	16.4	13.9	16.6	11.9	12.1	16.4
16			13.1	12.0	13.2	12.4	13.4	10.6	10.7	13.5
18			10.7	10.8	11.1	11.2	11.0	9.5	9.6	11.1
20					9.3	9.4	9.1	8.6	8.7	9.6
22					7.8	7.9	8.1	7.8	7.9	8.1
24							6.9	7.0	7.0	7.0
26							6.0	6.0	6.1	6.0
28										5.2
30										4.5

T 34.3–49.4m

34.3–49.4m | 7.6m × 7.0m | 360° | 0.9t | 13000 EN

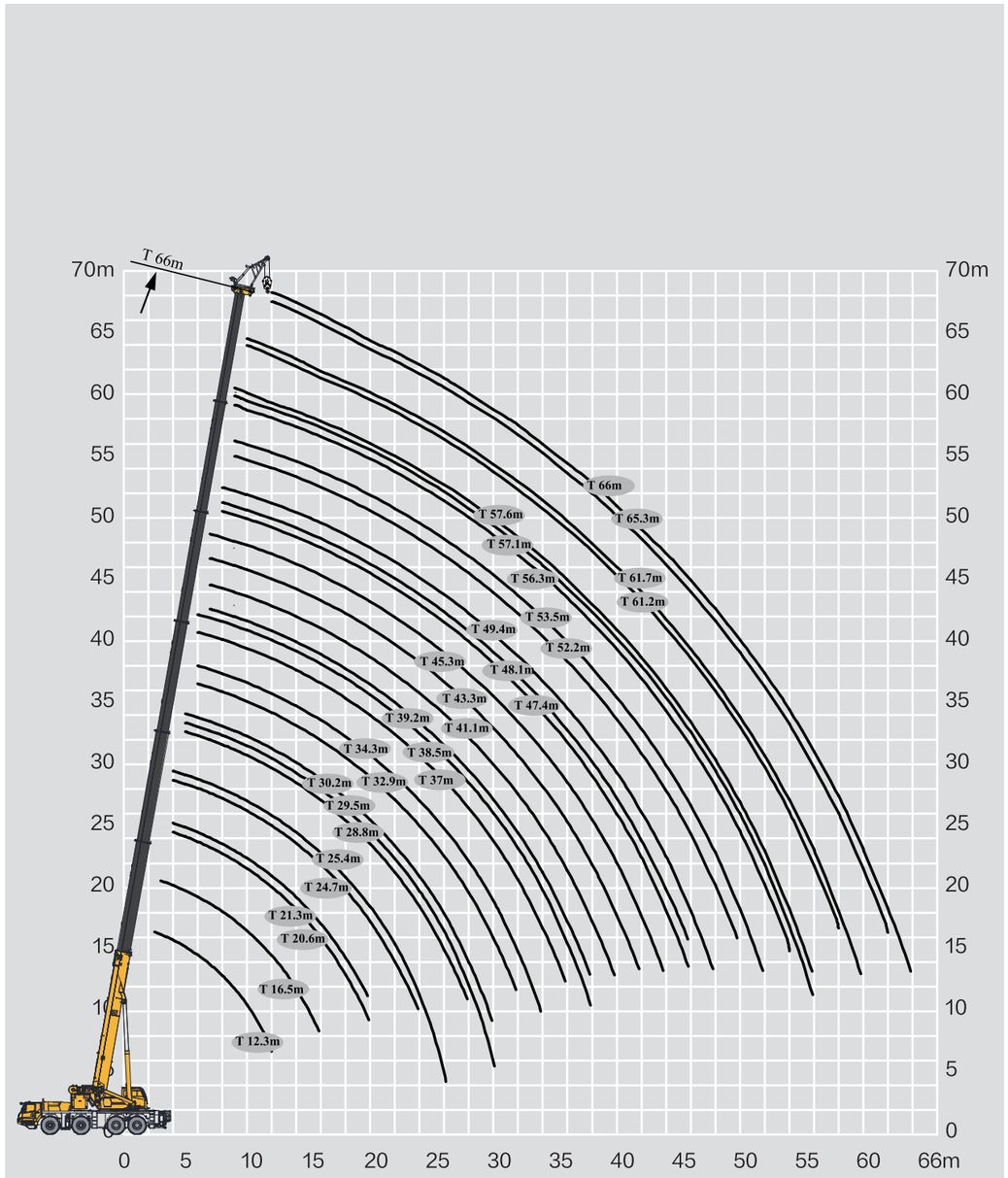
	34.3m	37m	38.4m	39.2m	41.1m	43.3m	45.3m	47.4m	48.1m	49.4m
5	21.6									
6	20.3	31.3	19.4	19.4	30.4					
7	18.9	27.7	18.4	18.4	26.8	14.4	25.0	15.6		
8	17.6	24.1	17.5	17.4	23.2	14.4	22.3	14.9	16.6	
9	16.4	19.6	16.5	16.4	19.4	14.1	19.0	14.2	15.6	18.7
10	15.2	15.9	15.5	15.4	16.4	13.7	15.8	13.5	14.3	15.3
12	11.9	11.8	11.9	11.9	11.6	11.7	11.4	11.5	11.5	11.1
14	8.9	8.8	8.9	8.9	8.6	8.7	8.4	8.5	8.5	8.1
16	6.8	6.7	6.8	6.8	6.6	6.7	6.4	6.5	6.5	6.1
18	5.4	5.3	5.4	5.4	5.1	5.2	5.0	5.1	5.0	4.7
20	4.2	4.2	4.3	4.3	4.0	4.1	3.9	4.0	3.9	3.6
22	3.4	3.3	3.4	3.4	3.1	3.2	3.0	3.1	3.1	2.7
24	2.7	2.6	2.7	2.7	2.4	2.5	2.3	2.4	2.4	2.0
26	2.1	2.0	2.1	2.1	1.9	1.9	1.7	1.8	1.8	1.5
28	1.6	1.5	1.6	1.6	1.4	1.5	1.2	1.3	1.3	1.0
30	1.2	1.1	1.2	1.2	1.0	1.1	0.8	0.9	0.9	
32	0.9	0.8	0.9	0.9	0.6	0.7				

T 52.2–66m

52.2–66m | 7.6m × 7.0m | 360° | 0.9t | 13000 EN

	52.2m	53.5m	56.3m	57.1m	57.6m	61.2m	61.7m	65.3m	66m
9	12.2								
10	11.9	15.3	11.1						
12	11.2	10.8	10.8	10.7	10.3	9.9	9.9		
14	8.2	7.9	8.0	7.9	7.4	7.5	7.1	7.2	7.1
16	6.2	5.9	6.0	5.9	5.5	5.5	5.1	5.2	5.2
18	4.8	4.4	4.5	4.5	4.0	4.1	3.7	3.8	3.7
20	3.7	3.3	3.4	3.4	3.0	3.0	2.6	2.7	2.7
22	2.8	2.5	2.6	2.5	2.1	2.2	1.8	1.9	1.8
24	2.1	1.8	1.9	1.8	1.4	1.5	1.1	1.2	1.1
26	1.5	1.2	1.3	1.3	0.9	0.9		0.6	
28	1.1	0.8	0.8	0.8					
30	0.6								

Boom + Erection jib



T 12.3–32.9m

	12.3m	16.5m	20.6m	21.3m	24.7m	25.4m	28.8m	29.5m	30.2m	32.9m
3	30									
3.5	30									
4	29.1	30	30	23.6	30	22.3				
4.5	27.5	29.8	30	22.7	30	21.3				
5	25.7	28.8	30	21.8	30	20.4	30	17.6	17	
6	23	27	28.7	19.9	29.7	18.4	30	16.1	15.5	30
7	21.2	24.5	27.3	18.2	28.4	16.7	29.1	14.6	14	29.5
8	19.4	22.6	25.4	16.6	27.1	15.7	28.2	13.4	12.8	28.6
9	17.6	20.8	23.7	15.5	25.6	14.5	26.5	12.2	11.8	27.1
10	16.7	19.7	22.1	14.6	23.9	13.6	25.5	11.5	10.9	26
12	15	17.1	19.6	12.8	21.6	11.8	22.8	9.9	9.5	22.7
14		16.3	17.7	11.3	19.3	10.4	19.4	8.9	8.6	19.4
16		14.6	15.9	9.9	17.5	9.3	17	8.1	7.7	16.8
18			15	9.4	15	8.6	15	7.3	6.8	15
20			13.1	8.3	13.6	7.8	13	6.3	6	13
22					11.8	7.2	11.6	5.7	5.4	11.3
24					10.2	6.6	10.1	5.2	4.9	9.7
26						5	8.8	4.8	4.5	8.4
28							7.7	4.4	4.1	7.5
30								4	3.8	6.6
32										5.8

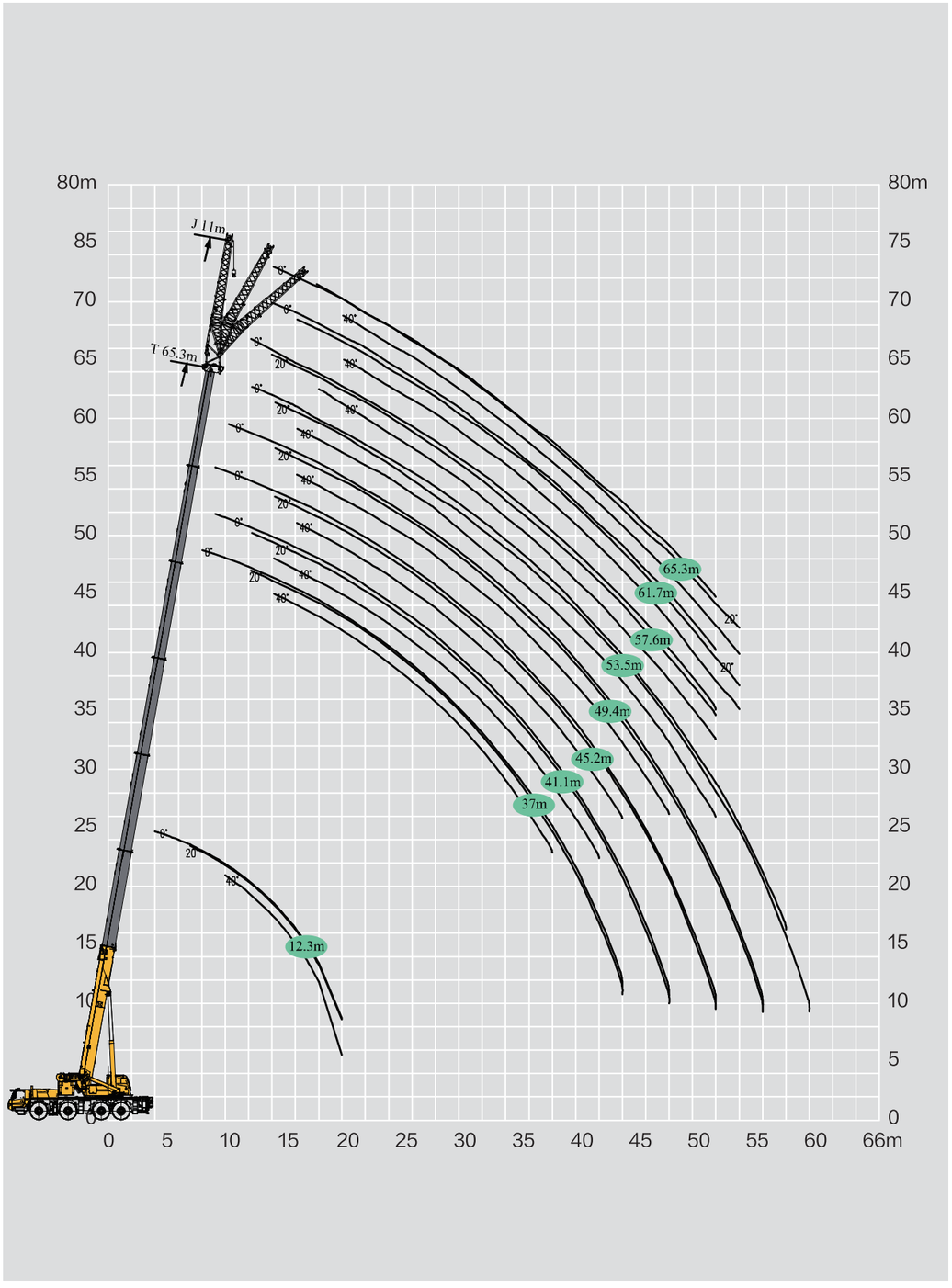
T 34.3–49.4m

	34.3m	37m	38.4m	39.2m	41.1m	43.3m	45.3m	47.4m	48.1m	49.4m
6	15.4	30	14.2							
7	14.2	29.4	13.3	12.8	29.2	13.9	25.1			
8	13	28.6	12.3	12	27.5	13	24.3	13.2	13.1	18.2
9	11.9	27.8	11.3	11.1	25.7	12.2	23	12.5	12.3	18.2
10	11	25.1	10.5	10.3	23.8	11.3	21.3	11.7	11.6	18.2
12	9.6	22.1	9.1	9	21	9.8	18.4	10.2	10.1	16.8
14	8.6	18.5	8.2	8.1	18.3	8.7	16.4	9.1	9.1	14.6
16	7.8	15.9	7.3	7.1	15.9	8	14.6	8.2	8.1	12.9
18	6.9	14.1	6.4	6.3	13.2	7.1	13.1	7.4	7.3	11.6
20	6	12.1	5.6	5.5	11.3	6.2	11.3	6.5	6.4	10
22	5.4	10.4	5.1	4.9	10.4	5.7	10	5.9	5.9	8.8
24	4.9	9.4	4.6	4.5	9	5.2	8.6	5.4	5.3	7.9
26	4.5	8.2	4.1	4.1	8	4.7	7.7	4.9	4.8	7.2
28	4.1	7.2	3.8	3.7	7	4.3	6.6	4.4	4.3	6.5
30	3.8	6.3	3.4	3.4	6	4	5.9	4.1	4	5.8
32	3.5	5.5	3.2	3.1	5.5	3.7	5.3	3.9	3.6	5
34	3.1	4.7	2.8	2.8	4.8	3.4	4.5	3.5	3.5	4.2
36		4	2.6	2.5	4.1	3.1	4.2	3.3	3.2	4.1
38			2.4	2.3	3.6	2.9	3.8	3	3.1	3.8
40					3	2.6	3.2	2.8	2.7	3.5
42						2.4	2.8	2.6	2.6	3
44							2.5	2.4	2.4	2.6
46								2.3	2.2	2.3
48										2

T 52.2–66m

	52.2m	53.5m	56.3m	57.1m	57.6m	61.2m	61.7m	65.3m	66m
9	12.8	13.3							
10	12.8	15.3	11.2	10.6	12				
12	12.6	15.3	11.2	10.6	12	9.1	9.7	7.8	
14	11.2	14.3	10.8	10.6	12	9.1	9.7	7.7	7.5
16	9.7	12.8	9.9	9.7	11.2	9.3	9.7	7.5	7.4
18	8.7	11.3	8.6	8.6	10.1	8.9	9.3	7.4	7.2
20	7.7	9.6	7.6	7.4	8.8	7.7	8.1	6.9	6.7
22	6.8	8.6	6.9	6.8	7.8	6.8	7.2	6.6	6.5
24	6.2	7.8	6.1	6.1	7	6.2	6.4	5.9	5.8
26	5.5	6.9	5.6	5.6	6.2	5.7	5.8	5.4	5.3
28	5	6.3	5.1	5.1	5.7	5	5.3	4.7	4.8
30	4.6	5.8	4.5	4.5	5.2	4.6	4.8	4.3	4.3
32	4.3	5.3	4.1	4	4.7	4.1	4.3	3.8	3.8
34	3.8	4.8	3.7	3.7	4.3	3.7	3.8	3.4	3.4
36	3.5	4.2	3.4	3.3	3.8	3.2	3.4	3	3
38	4.1	3.8	2.9	3	3.5	3	3.1	2.7	2.7
40	3.5	3.2	3.3	3.3	2.9	2.6	2.6	2.4	2.3
42	3.1	2.8	2.9	2.8	2.5	2.3	2.2	2.1	2.1
44	2.7	2.4	2.5	2.4	2.1	2.1	1.8	1.8	1.8
46	2.3	2.1	2.1	2.1	1.7	1.8	1.4	1.5	1.4
48	2	1.7	1.8	1.8	1.4	1.4	1.1	1.2	1.1
50	1.7	1.4	1.5	1.5	1.1	1.1	0.8	0.9	0.8
52		1.2	1.2	1.2	0.8	0.9		0.6	
54			1	0.9	0.6	0.6			
56				0.7					

Boom + fixed jib



T 12.3–65.3m

12.3–65.3m | 11m | 0° | 7.6m × 7.0m | 360° | 33t | 13000 | EN

	12.3m	37m	41.1m	45.3m	49.4m	53.5m	57.6m	61.7m	65.3m
4	17								
4.5	17								
5	17								
6	17								
7	17								
8	17	15.8							
9	16.8	15.8	13.5	12.6					
10	15.6	15.8	13.5	12.6					
12	13.2	15.8	13.5	12.6	11.3	10			
14	11.4	15.8	13.5	12.6	11.2	9.9	7.8	5.9	4.6
16	10	15.6	13.5	12.6	11.1	9.6	7.8	5.9	4.6
18	9	14.5	13.5	11.9	10.4	9.4	7.5	5.8	4.5
20	8.4	12.5	11.9	10.4	9.2	9.1	7.3	5.7	4.5
22		11.6	10.6	9.3	8.4	7.7	7.1	5.6	4.4
24		10	9.5	8.4	7.5	6.9	6.4	5.4	4.3
26		8.6	8.1	7.6	6.7	6.2	5.8	5.3	4.2
28		7.5	7	6.7	6	5.6	5.2	5	4
30		6.5	6	5.8	5.5	5.1	4.8	4.6	4
32		5.7	5.2	4.9	4.9	4.6	4.4	4.2	3.9
34		4.9	4.4	4.2	4.1	4.2	3.9	3.8	3.5
36		4.3	3.8	3.6	3.5	3.6	3.6	3.6	3.2
38		3.7	3.2	3	2.9	3	3.2	3.2	2.9
40		3.2	2.7	2.5	2.4	2.5	2.7	2.9	2.8
42		2.8	2.3	2.1	2.2	2.3	2.2	2.4	2.4
44		2.4	1.9	1.7	2	2.1	1.8	2	2
46			1.5	1.3	1.9	1.9	1.4	1.6	1.6
48			1.2	1.1	1.6	1.8	1.1	1.3	1.3
50				1	1.5	1.6	0.8	1	1
52				0.9	1.4	1.4	0.5	0.7	0.7
54					1.2	1.2			
56					1.1	0.9			
58						0.7			

T 12.3–65.3m

12.3–65.3m | 11m | 20° | 7.6m × 7.0m | 360° | 33t | 13000 EN

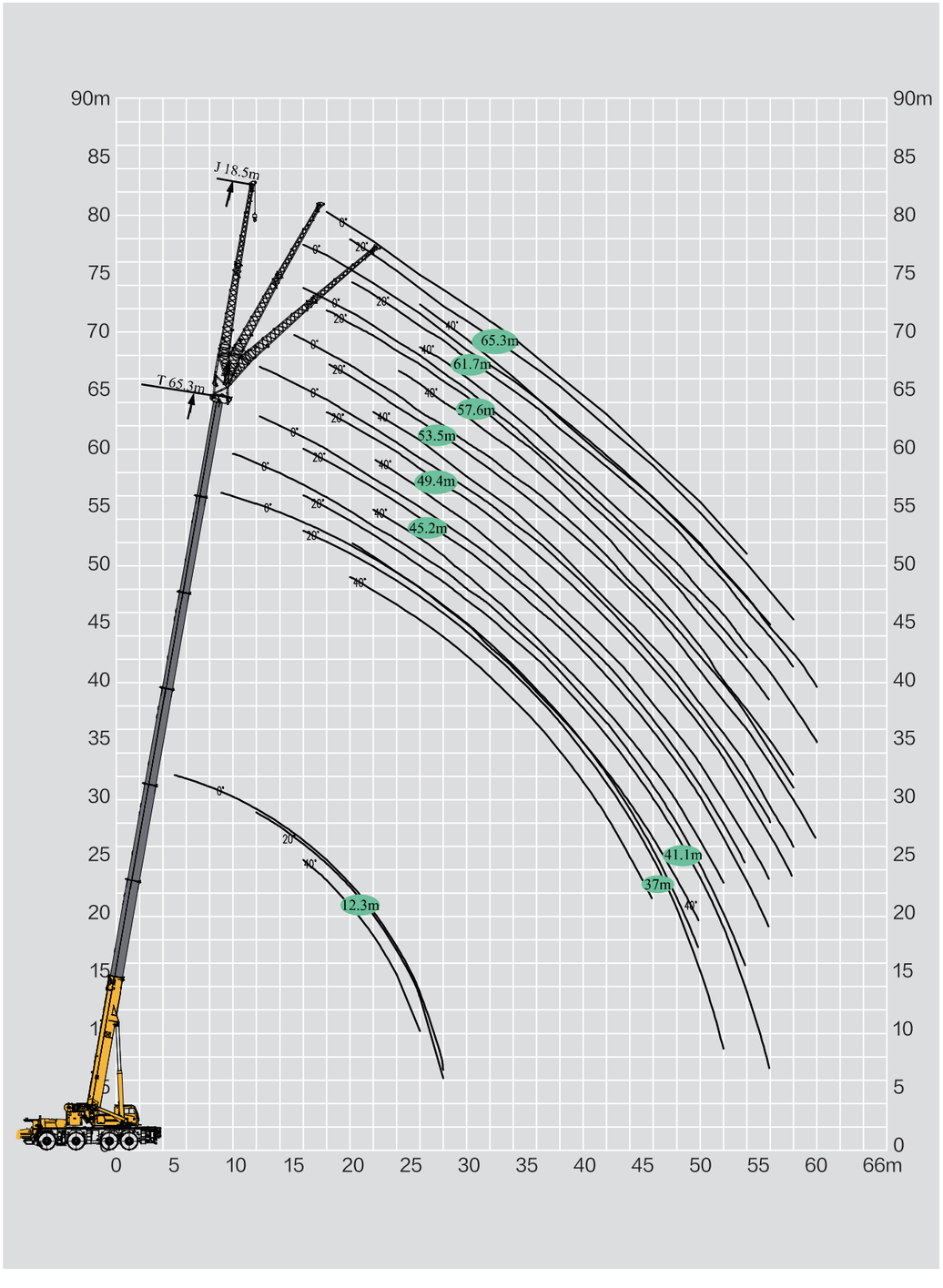
	12.3m	37m	41.1m	45.3m	49.4m	53.5m	57.6m	61.7m	65.3m
7	9.7								
8	9.3								
9	8.6								
10	8.4								
12	7.6	10.3	10.5						
14	6.9	9.6	9.8	9.9					
16	6.1	8.9	9.1	9.3	9.3				
18	5.6	8.5	8.5	8.7	8.9	8.9	7.2	5.7	
20	5.3	8.3	8.4	8.4	8.4	8.1	7.1	5.6	4.6
22		7.9	8.1	8.2	8	7.4	6.8	5.5	4.5
24		7.4	7.7	7.9	7.3	6.6	6.1	5.4	4.3
26		7.1	7.2	7.3	6.5	6.1	5.6	5.2	4.2
28		6.7	6.9	6.6	5.9	5.5	5.1	4.9	4.1
30		6.3	6.5	6.1	5.4	4.9	4.6	4.5	4
32		6	5.6	5.4	4.9	4.5	4.3	4.1	3.8
34		5.3	4.8	4.6	4.5	4.1	3.9	3.7	3.6
36		4.6	4.2	4	3.9	3.8	3.6	3.5	3.3
38		4	3.5	3.4	3.3	3.4	3.3	3.2	3.1
40		3.4	3	2.8	2.8	2.9	3	3	2.8
42		2.9	2.5	2.3	2.3	2.4	2.5	2.8	2.6
44		2.5	2.1	1.9	2	2.1	2.1	2.3	2.3
46			1.7	1.5	1.8	2	1.7	1.9	1.9
48			1.3	1.3	1.7	1.9	1.4	1.6	1.5
50				1.1	1.6	1.7	1	1.2	1.2
52				0.9	1.4	1.6	0.7	0.9	0.9
54					1.3	1.3		0.7	0.6
56					1.1	1			
58						0.8			
60						0.5			

T 12.3–65.3m

12.3–65.3m | 11m | 40° | 7.6m × 7.0m | 360° | 33t | 13000 EN

	12.3m	37m	41.1m	45.3m	49.4m	53.5m	57.6m	61.7m	65.3m
10	5.7								
12	5.3								
14	5	6.1							
16	4.6	5.8	5.8						
18	4.5	5.6	5.6	5.7	5.6				
20	4.5	5.3	5.4	5.4	5.4	5.3	5.5		
22		5.1	5.2	5.2	5.2	5.2	5.2	5.4	
24		5	5	5.1	5.1	5	5	5.2	4.4
26		4.8	4.9	5	4.9	4.9	4.9	4.9	4.3
28		4.6	4.8	4.8	4.8	4.7	4.6	4.5	4.2
30		4.6	4.6	4.7	4.6	4.6	4.5	4.3	4
32		4.5	4.5	4.6	4.5	4.4	4.3	4.1	3.8
34		4.5	4.4	4.5	4.5	4.2	4	3.8	3.5
36		4.3	4.4	4.2	4.2	3.9	3.7	3.6	3.3
38		4.1	3.7	3.6	3.6	3.7	3.4	3.4	3.1
40			3.1	3	3	3.1	3.2	3.1	2.9
42			2.6	2.5	2.5	2.6	2.8	3	2.7
44				2	2.2	2.3	2.3	2.5	2.5
46					1.9	2.2	1.9	2.1	2.1
48					1.8	1.9	1.5	1.7	1.7
50						1.8	1.2	1.4	1.4
52						1.6	0.8	1.1	1.1
54								0.8	0.8

Boom + fixed jib



T 12.3–65.3m

12.3–65.3m | 18.5m | 0° | 7.6m × 7.0m | 360° | 33t | 13000 EN

	12.3m	37m	41.1m	45.3m	49.4m	53.5m	57.6m	61.7m	65.3m
5	6.8								
6	6.8								
7	6.8								
8	6.8								
9	6.8	6.8							
10	6.6	6.7	6.6						
12	5.5	6.6	6.4	6.1	5.6				
14	4.7	6.5	6.1	5.9	5.5	4.9	4.3		
16	4.1	6.3	5.8	5.7	5.3	4.8	4.3	3.7	3
18	3.7	6.2	5.7	5.4	5.2	4.6	4.2	3.6	3
20	3.3	6.2	5.7	5.4	5	4.5	4.1	3.5	3
22	2.9	5.7	5.7	5.4	4.9	4.4	4.1	3.5	3
24	2.7	5.2	5.5	5.4	4.9	4.4	4	3.4	2.9
26	2.5	4.8	5.1	5.4	4.9	4.4	4	3.4	2.9
28	2.3	4.5	4.8	5	4.9	4.4	4	3.4	2.9
30		4.1	4.4	4.7	4.9	4.4	4	3.4	2.9
32		3.9	4.1	4.3	4.6	4.3	3.9	3.4	2.9
34		3.6	3.9	4.1	4.2	3.9	3.5	3.4	2.9
36		3.4	3.6	3.8	3.8	3.5	3.2	3.1	2.9
38		3.2	3.4	3.5	3.4	3.1	3	2.9	2.7
40		3	3.2	3	2.9	2.9	2.7	2.6	2.5
42		2.9	2.8	2.5	2.4	2.4	2.5	2.4	2.3
44		2.8	2.4	2.1	2	2	2.1	2.2	2.1
46		2.5	2	1.8	1.7	1.7	1.8	1.9	1.9
48		2.2	1.7	1.4	1.4	1.6	1.4	1.6	1.5
50		1.9	1.4	1.1	1.3	1.4	1.1	1.3	1.2
52			1.1	0.8	1.1	1.2	0.8	1	0.9
54			0.8	0.6	1	1.1	0.6	0.7	0.7
56					0.9	1		0.5	
58						0.8			

T 12.3–65.3m

12.3–65.3m | 18.5m | 20° | 7.6m × 7.0m | 360° | 33t | 13000 EN

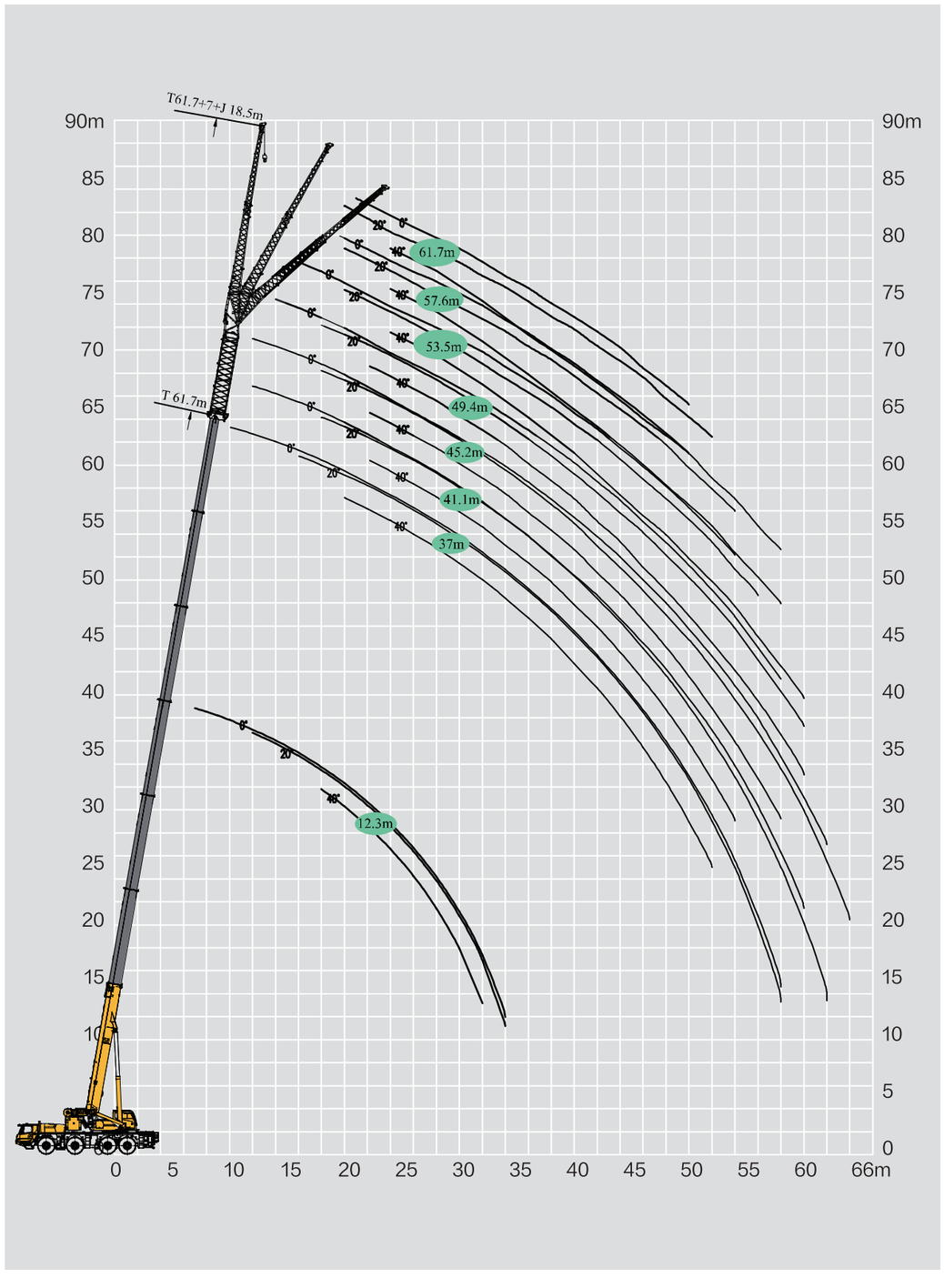
	12.3m	37m	41.1m	45.3m	49.4m	53.5m	57.6m	61.7m	65.3m
12	3.4								
14	3.2								
16	2.8	3.9	3.9						
18	2.5	3.6	3.7	3.9	3.9				
20	2.4	3.4	3.5	3.5	3.7	3.8			
22	2.2	3.2	3.3	3.4	3.5	3.6	3.7		
24	2	3	3.1	3.2	3.3	3.3	3.5	3.6	3
26	1.9	2.8	3	3	3.1	3.2	3.3	3.4	3
28	1.8	2.7	2.7	2.9	2.9	3	3.1	3.1	3
30		2.6	2.6	2.8	2.8	2.9	2.9	3	3
32		2.5	2.5	2.7	2.7	2.8	2.8	2.9	3
34		2.3	2.4	2.5	2.6	2.7	2.7	2.8	2.9
36		2.2	2.2	2.4	2.5	2.6	2.6	2.7	2.8
38		2.1	2.1	2.3	2.3	2.5	2.5	2.6	2.7
40		2	2.1	2.2	2.3	2.4	2.4	2.5	2.5
42		2	2	2.1	2.2	2.3	2.4	2.4	2.3
44		1.9	2	2	2.1	2.2	2.2	2.3	2.2
46		1.8	1.9	2	2	2.1	2.1	2.1	1.9
48		1.8	1.8	1.8	1.7	1.8	1.9	1.9	1.8
50		1.8	1.6	1.5	1.4	1.4	1.6	1.7	1.6
52		1.6	1.3	1.1	1.1	1.3	1.2	1.4	1.4
54			1	0.8	1	1.1	0.9	1.1	1.1
56			0.7	0.5	1	1	0.7	0.8	0.8
58					0.8	0.9		0.6	0.5
60						0.8			

T 12.3–65.3m

12.3–65.3m | 18.5m | 40° | 7.6m × 7.0m | 360° | 33t | 13000 EN

	12.3m	37m	41.1m	45.3m	49.4m	53.5m	57.6m	61.7m	65.3m
16	2.1								
18	2								
20	1.9	2.4	2.5						
22	1.8	2.3	2.3						
24	1.6	2.2	2.2	2.4	2.4	2.4			
26	1.6	2.1	2.2	2.3	2.3	2.3	2.4		
28		1.9	2.1	2.1	2.2	2.2	2.3	2.2	2
30		1.8	1.9	2	1.9	2.2	2.2	2.1	2
32		1.8	1.8	1.9	1.9	2.1	2.1	2.1	2
34		1.7	1.8	1.8	1.8	2	1.9	2	2
36		1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9
38		1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9
40		1.6	1.7	1.6	1.7	1.8	1.8	1.8	1.8
42		1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8
44		1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8
46		1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7
48			1.6	1.6	1.6	1.7	1.7	1.7	1.7
50			1.6	1.6	1.6	1.6	1.7	1.7	1.7
52				1.3	1.3	1.4	1.5	1.7	1.6
54					1.1	1.2	1.2	1.4	1.3
56					1	1.1	0.9	1.1	1
58						1	0.6	0.8	0.8
60								0.5	0.5

Boom + 1 extension sections + fixed jib



T 12.3–61.7m

	12.3m	37m	41.1m	45.2m	49.4m	53.5m	57.6m	61.7m
7	6.4							
8	6.4							
9	6.4							
10	6.4	5.6						
12	6.4	5.6	5.3	5				
14	6.2	5.6	5.2	4.9	4.6	4.1		
16	5.4	5.6	5.2	4.8	4.6	4.1	3.8	
18	4.8	5.6	5.2	4.8	4.5	4	3.7	3.1
20	4.3	5.6	5.2	4.8	4.4	4	3.6	3.1
22	3.9	5.6	5.2	4.8	4.4	4	3.5	3.1
24	3.5	5.6	5.2	4.8	4.4	4	3.5	3
26	3.1	5.4	5.2	4.8	4.4	4	3.5	2.9
28	2.9	5	5.2	4.8	4.4	4	3.5	2.9
30	2.6	4.7	4.8	4.8	4.4	3.9	3.4	2.9
32	2.5	4.3	4.5	4.6	4.1	3.6	3.3	2.9
34	2.3	4	4.2	4.2	3.7	3.2	3	2.9
36		3.8	4	3.8	3.3	2.9	2.6	2.6
38		3.6	3.9	3.4	2.9	2.6	2.4	2.3
40		3.4	3.4	3.1	2.7	2.4	2.2	2.1
42		3.2	2.9	2.6	2.4	2.2	2	1.9
44		3	2.5	2.2	2.1	1.9	1.8	1.8
46		2.6	2.1	1.9	1.7	1.7	1.6	1.6
48		2.2	1.8	1.5	1.4	1.4	1.4	1.4
50		1.9	1.5	1.2	1.1	1.1	1.1	1.2
52		1.6	1.2	0.9	0.8	0.8		
54		1.4	0.9	0.7	0.5	0.5		
56		1.1	0.7					
58		0.9						

T 12.3–61.7m

12.3–61.7m | 25.5m | 20° | 7.6m × 7.0m | 360° | 33t | 13000 EN

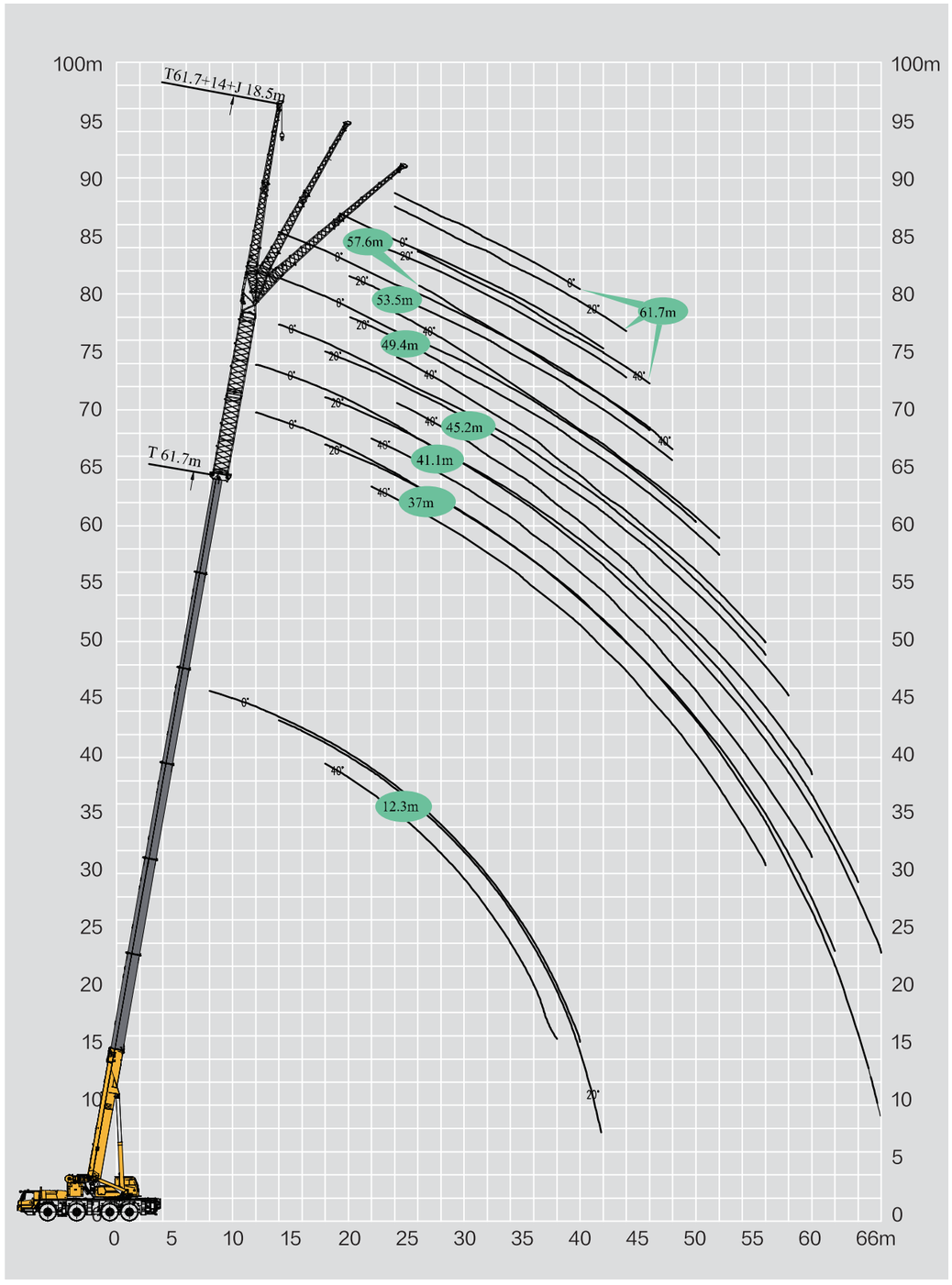
	12.3m	37m	41.1m	45.2m	49.4m	53.5m	57.6m	61.7m
12	3.9							
14	3.7							
16	3.3	4.3						
18	3	3.9	4	3.9				
20	2.8	3.7	3.8	3.8	3.8			
22	2.6	3.5	3.5	3.7	3.7	3.6		
24	2.4	3.3	3.4	3.5	3.6	3.5	3.6	3.1
26	2.2	3	3.2	3.2	3.3	3.3	3.4	3
28	2	2.9	3	3.1	3.1	3.2	3.3	3
30	1.9	2.8	2.8	3	3	3.1	3.2	3
32	1.8	2.6	2.7	2.8	2.9	3	3.1	3
34	1.8	2.5	2.5	2.7	2.8	2.9	3	2.9
36		2.4	2.4	2.6	2.7	2.8	2.8	2.6
38		2.3	2.3	2.5	2.6	2.6	2.6	2.4
40		2.1	2.3	2.4	2.4	2.5	2.3	2.2
42		2.1	2.2	2.2	2.3	2.3	2.1	2
44		2	2.1	2.1	2.2	2	1.9	1.8
46		2	2	2.1	2.1	1.9	1.7	1.7
48		1.9	2	2	1.9	1.6	1.6	1.4
50		1.9	1.8	1.6	1.5	1.5	1.4	1.3
52		1.8	1.5	1.3	1.2	1.2	1.2	1.1
54		1.6	1.2	1	0.9	0.9	1	
56		1.3	0.9	0.7	0.6	0.6		
58		1	0.7					

T 12.3–61.7m

12.3–61.7m | 25.5m | 40° | 7.6m × 7.0m | 360° | 33t | 13000 EN

	12.3m	37m	41.1m	45.2m	49.4m	53.5m	57.6m	61.7m
18	2.1							
20	2.1	2.4						
22	2	2.3	2.3	2.4				
24	1.9	2.2	2.2	2.3	2.3			
26	1.8	2.1	2.1	2.1	2.2	2.4		
28	1.8	2.1	2.1	2.1	2.1	2.2	2.3	
30	1.7	2	2	2	2.1	2.1	2.2	2.3
32	1.6	1.9	1.9	2	1.9	1.9	2	2
34		1.8	1.8	1.9	1.9	1.9	1.9	1.9
36		1.8	1.8	1.8	1.9	1.9	1.9	1.9
38		1.7	1.8	1.8	1.8	1.8	1.9	1.9
40		1.7	1.6	1.8	1.8	1.8	1.8	1.8
42		1.7	1.6	1.7	1.8	1.8	1.8	1.8
44		1.6	1.6	1.7	1.6	1.8	1.8	1.8
46		1.6	1.6	1.7	1.6	1.7	1.8	1.8
48		1.6	1.6	1.6	1.6	1.7	1.7	1.6
50		1.6	1.6	1.6	1.6	1.7	1.5	1.5
52		1.6	1.6	1.5	1.5	1.5	1.4	1.4
54			1.3	1.2	1.1	1.2	1.3	1.2
56				0.9	0.8	0.9	1	1
58				0.6	0.5	0.6	0.7	0.8

Boom + 2 extension sections + fixed jib



T 12.3–61.7m

12.3–61.7m | 32.5m | 0° | 7.6m × 7.0m | 360° | 33t | 13000 EN

	12.3m	37m	41.1m	45.2m	49.4m	53.5m	57.6m	61.7m
8	5.3							
9	5.3							
10	5.3							
12	5.3							
14	5.3	4.9	4.6					
16	5.3	4.9	4.5	4.1	3.7			
18	5.3	4.9	4.5	4.1	3.7	3.4	3.1	
20	5.2	4.9	4.5	4.1	3.7	3.4	3.1	2
22	4.6	4.9	4.5	4.1	3.7	3.4	3	1.9
24	4.1	4.9	4.5	4.1	3.7	3.3	2.9	1.9
26	3.8	4.9	4.5	4.1	3.7	3.3	2.9	1.9
28	3.4	4.9	4.3	4.1	3.7	3.3	2.9	1.9
30	3.2	4.9	4	4	3.7	3.3	2.9	1.9
32	3	4.7	3.8	3.8	3.6	3.1	2.8	1.9
34	2.8	4.4	3.6	3.6	3.2	2.7	2.5	1.9
36	2.7	4.2	3.3	3.2	2.8	2.5	2.2	1.9
38	2.5	3.8	3.2	3	2.5	2.2	2	1.8
40	2.3	3.3	3	2.6	2.2	2	1.7	1.6
42		2.7	2.8	2.3	1.9	1.7	1.5	
44		2.5	2.5	2.2	1.8	1.4		
46		2.4	2.1	1.9	1.5	1.2		
48		2.3	1.8	1.5	1.3			
50		1.9	1.5	1.2	1.1			
52		1.6	1.2	0.9				
54		1.4	0.9	0.7				
56		1.1	0.7					
58		0.9						
60		0.7						
62		0.5						

T 12.3–61.7m

12.3–61.7m | 32.5m | 20° | 7.6m × 7.0m | 360° | 33t | 13000 EN

	12.3m	37m	41.1m	45.2m	49.4m	53.5m	57.6m	61.7m
14	3.7							
16	3.5							
18	3.2	3.8						
20	3	3.8	3.9					
22	2.8	3.6	3.7	3.7	4			
24	2.6	3.4	3.5	3.6	3.8			
26	2.4	3.3	3.3	3.5	3.6	3.6	3	2
28	2.3	3.1	3.1	3.3	3.3	3.5	3	2
30	2.2	2.9	3	3.2	3.2	3.3	3	2
32	2.1	2.8	2.9	3	3.1	3.2	2.9	2
34	1.9	2.7	2.7	2.8	3	2.8	2.6	2
36	1.9	2.6	2.6	2.7	2.9	2.6	2.3	2
38	1.8	2.5	2.5	2.6	2.7	2.3	2.1	1.9
40	1.8	2.3	2.4	2.5	2.4	2.1	1.9	1.8
42	1.8	2.3	2.4	2.5	2.2	2	1.7	1.5
44		2.2	2.3	2.3	2	1.7	1.5	1.4
46		2.2	2.1	2	1.8	1.5	1.3	
48		2.1	2.1	1.8	1.5	1.3		
50		2	1.9	1.6	1.3			
52		1.8	1.6	1.3	1.1			
54		1.7	1.3	1				
56		1.4	1	0.8				
58		1.1	0.7	0.5				
60		0.9	0.5					
62		0.6						

T 12.3–61.7m

12.3–61.7m | 32.5m | 40° | 7.6m × 7.0m | 360° | 33t | 13000 EN

	12.3m	37m	41.1m	45.2m	49.4m	53.5m	57.6m	61.7m
18	2.1							
20	2							
22	1.9	2.1						
24	1.8	2.1	2.1					
26	1.7	2.1	2.1	2.1	2.2			
28	1.7	2	2	2	2.1	2.1		
30	1.6	1.9	1.9	1.9	2	2	2.3	
32	1.6	1.8	1.9	1.9	1.9	1.9	2.1	
34	1.6	1.8	1.8	1.8	1.9	1.9	2	2
36	1.6	1.7	1.8	1.8	1.9	1.8	1.9	2
38	1.6	1.7	1.7	1.8	1.9	1.8	1.9	1.9
40		1.7	1.7	1.7	1.8	1.8	1.8	1.8
42		1.6	1.7	1.7	1.7	1.8	1.7	1.7
44		1.6	1.7	1.7	1.7	1.8	1.6	1.4
46		1.6	1.6	1.7	1.7	1.6	1.5	1.3
48		1.6	1.6	1.6	1.6	1.4	1.2	
50		1.6	1.6	1.6	1.4	1.3	1	
52		1.6	1.6	1.6	1.3	1.1		
54		1.6	1.4	1.2	1.1			
56		1.4	1.1	0.9	0.9			
58			0.8	0.7				
60			0.6					