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ALL TERRAIN CRANE

XCA60_AU



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Superb lifting performance

Superb driving performance

New appearance and humanized design

Smart and safe control

Variable supporting technology

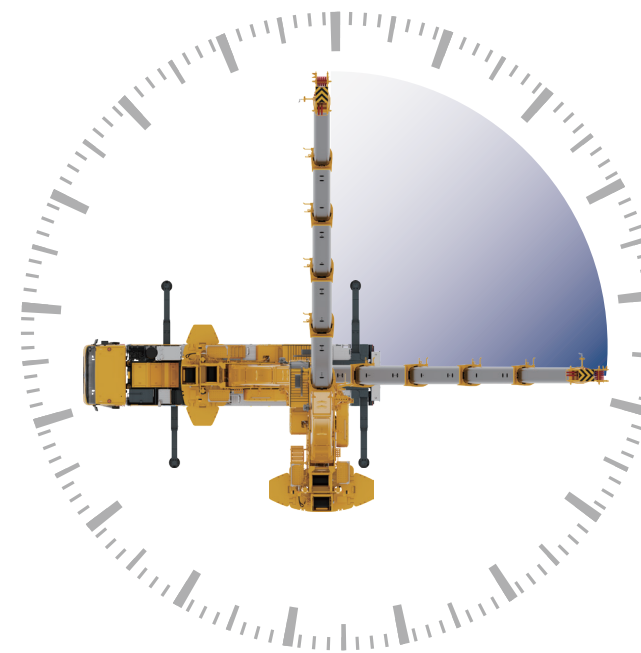
Designed to EN13000

- ▶ New single cylinder pinning telescoping system.
- ▶ Six-section boom of 50m.
- ▶ 16m fixed jib, with 0° , 15° and 30° jib offset angles available.
- ▶ Optional independent jib head of 2.5m.

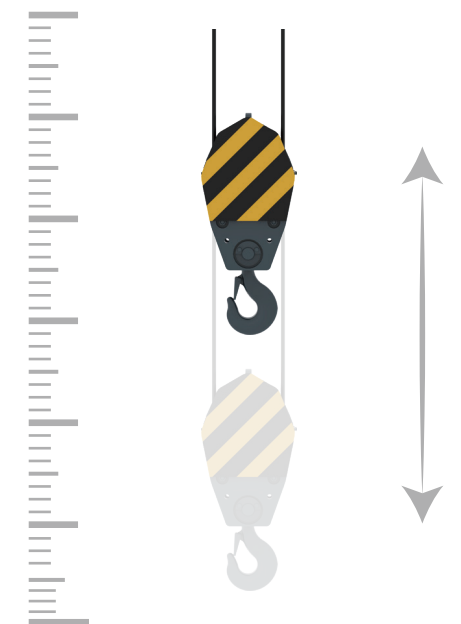


Efficient and reliable hydraulic system

- ▶ Adopted variable pump load sensing hydraulic control technology, low-speed large torque slewing system, fixed-displacement motor winch system, its displacement can be adjusted automatically with the change of main valve opening, which can reduce the energy consumption, and promote smoothness and inching control. Multi function operations to be used at all times, including duel, hook, luffing and slewing.
- ▶ Dual-pump independent and confluent control technology for efficient operation. Centralized lubrication system with regular automatic filling of lubricating oil.



The min. stable slewing speed is 0.1° /s



The min. stable hoisting speed is 0.8–1m/min,
3 speed for hoisting operations, super slow,
slow and fast

Suspension system

- ▶ The suspension is equipped with effective damped cylinder and accumulator buffer, which has good shock-absorbing effect and automatic leveling function.
- ▶ Functions such as automatic leveling, moving up and down of suspension, and switching between elastic and rigid suspension are available.
- ▶ The stroke of cylinder is -100mm ~ 150mm.

Strong power, excellent travel performance

- ▶ Benz OM470LA diesel engine, with a rated power of 280 kW and a maximum output torque of 1900N.m.
- ▶ America Allison automatic transmission.
- ▶ Max. travel speed is 85km/h and max. grade ability is 60%.



Braking system

- ▶ Service brake: dual-circuit pneumatic disc brake
- ▶ Parking brake: spring applied brake, acting on the wheels of axles 1, 2 and 3.
- ▶ Auxiliary brake: engine retarder brake.

All axles up/down

- ▶ When outriggers are extended, the axles are lifted as a whole, to adapt to different operation mode, and provide safe operation.

NEW APPEARANCE

- ▶ New styling, extra-large space, large field of view, generous storage space, rich configuration, diverse configurations, providing delicate craft and comfortable driving.



DRIVER'S CAB

- ▶ 12.3-inch LCD instruments and 12.1-inch large center control panel, providing a clear overview of the vehicle's status, and intelligent operation.
- ▶ Multi-functional air-suspension seats for driver and co-driver.
- ▶ High power air conditioner.

OPERATOR'S CAB

- ▶ The electric pull-out step can be operated outside or inside the driver's cab, and the pull-out step can also be operated by remote controller, which is convenient and safe.
- ▶ 12-inch high-definition large screen, new human-machine one-touch interaction design.
- ▶ Boom head and winch monitoring device.
- ▶ Golf ball joysticks.
- ▶ The controls and seat are fully adjustable.



INTELLIGENT CONTROL SYSTEM

- ▶ Lifting operation mode automatic planning, luffing automatic compensation, hook height compensation, automatic telescoping and other auxiliary functions are integrated into one, for easy and convenient operation.
- ▶ Oil cylinder telescopic monitoring provides real-time inspection of the cylinder boom pin status, making automatic telescoping operation safe.
- ▶ Seats have pilot function. When the operator leaves the seat, the pilot function will be automatically turned off to prevent accidental touching of the lever, providing safe operation.



LOAD PLANNING

- ▶ Automatic recommendation of operation mode according to demand
- ▶ Optimized screen logic, to simplify the searching and operation mode setting process



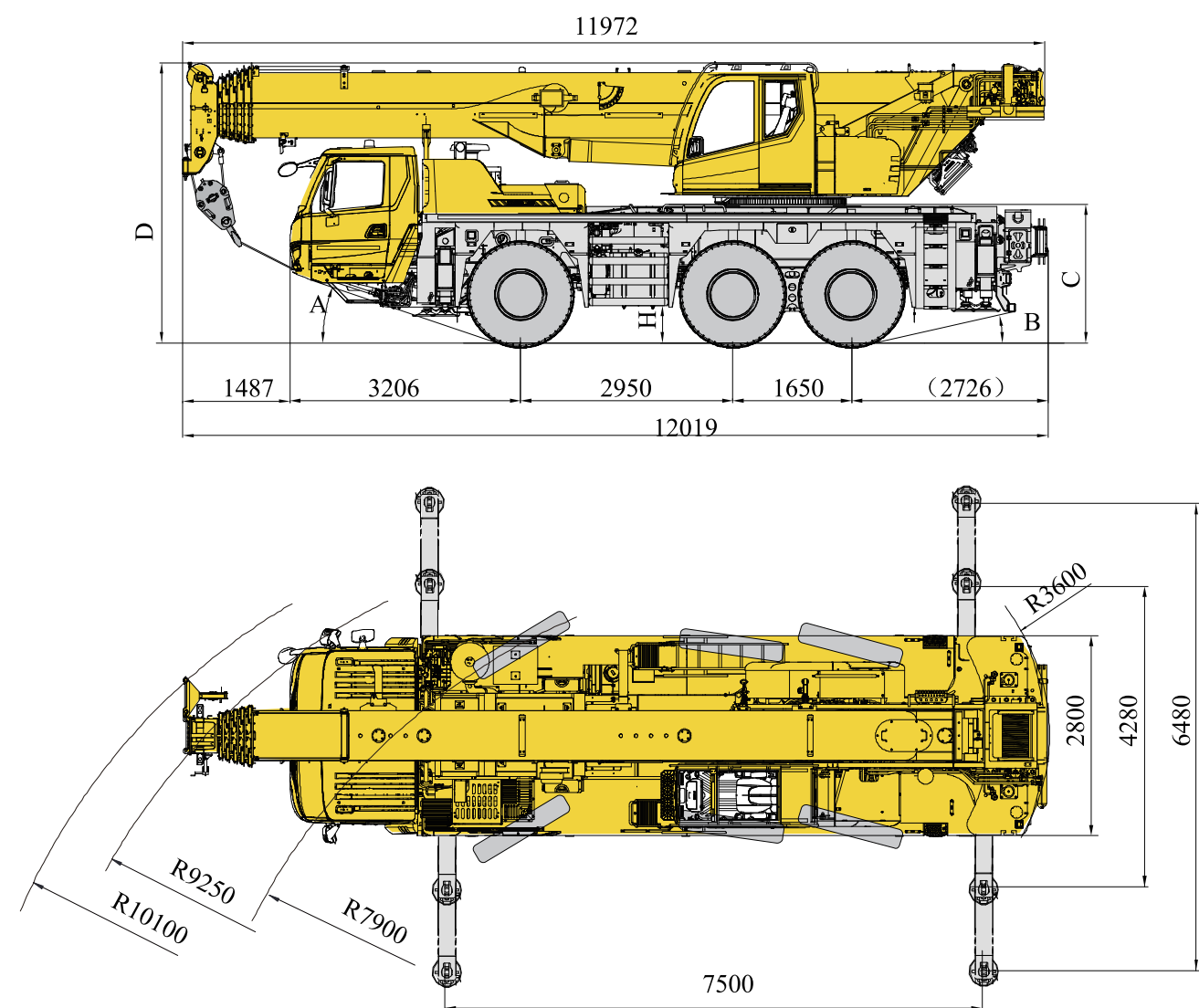
HOOK HEIGHT COMPENSATION

- ▶ During telescoping and elevating operations, the control system automatically controls the spooling in and out of winch rope, leading to reduction in operating time by 40%.
- ▶ Three modes for hook height compensation are available, i.e. luffing-ground mode, telescoping-ground mode, and telescoping-boom head mode.

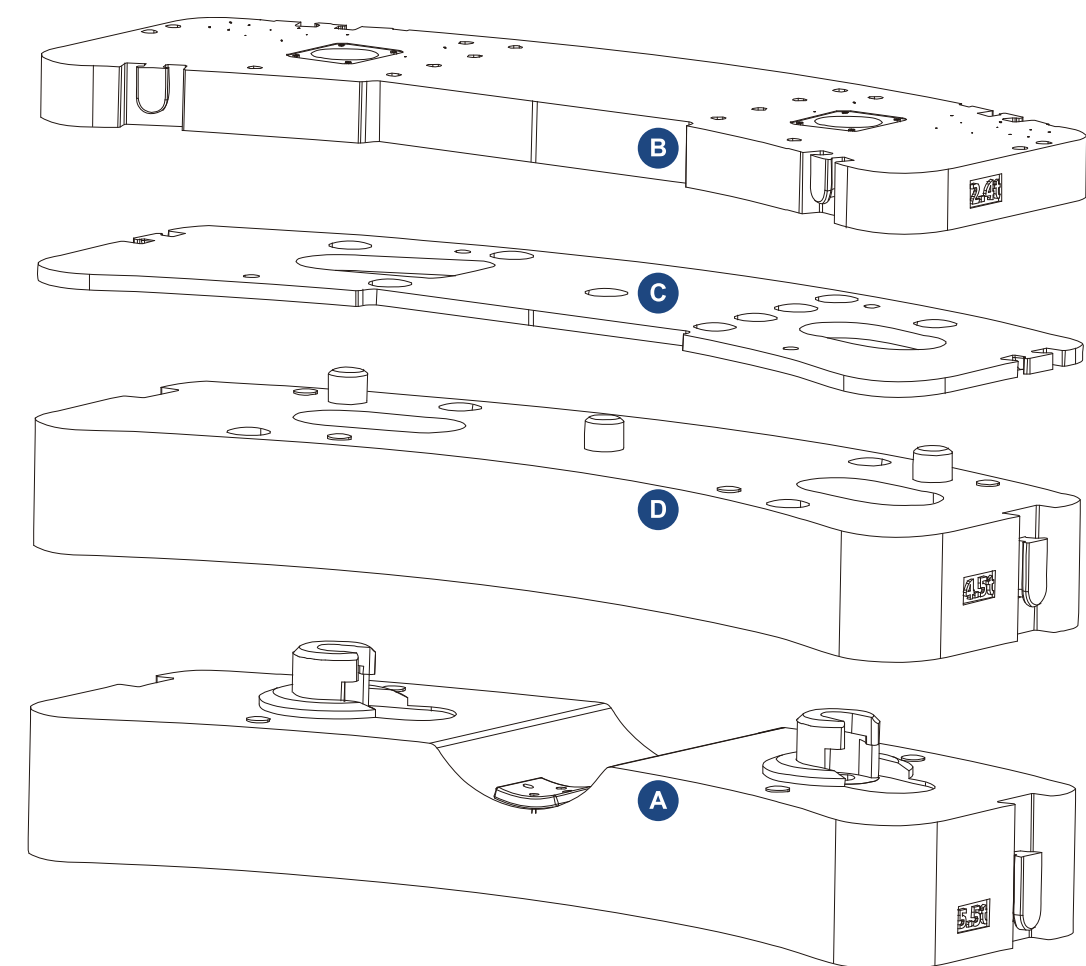


AUTOMATIC LUFFING COMPENSATION CONTROL TECHNOLOGY

- ▶ It works by controlling boom angle to compensate radius change caused by boom deformation while the load is clearing of the ground.



	A (°)	B (°)	C (mm)	D (mm)	H (mm)
525/80 R 25	19	12	1925	3900	330



Counterweight	A	B	C	D		
Size (L×W×H) mm	2760×1073×520	2760×1073×157	2760×1073×35	2760×1073×321		
Weight t	5.5	2.4	0.6	4.5		
Working mode	13t	8.5t	7.9t	7.5t	3t	2.4t
Combinations	A+B+C+D	A+B+C	A+B	B+C+D	B+C	B



Weight

Axle	1	2	3	Total weight
t	12	12	12	≤36 ¹⁾

1) Superstructure includes auxiliary sheave, jib bracket (the 2nd section of middle bracket is not included), 2.4t counterweight, 0.6t counterweight, 30.5t hook block; chassis includes supplied spare box. The vehicle not includes jib, auxiliary winch, independent jib head, 46t hook block, 13.5t hook block, 5t hook block, 4.5t counterweight, 5.5t counterweight, spare tire. Drive/steering type is 6×4×6; Tire specification: 525/80 R 25 (20.5R25)

Axle	1	2	3	Total weight
t	12	12	12	≤36 ²⁾

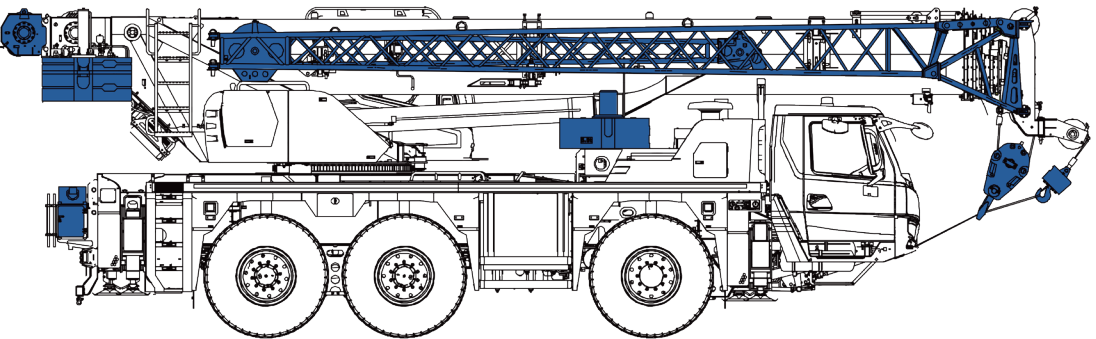
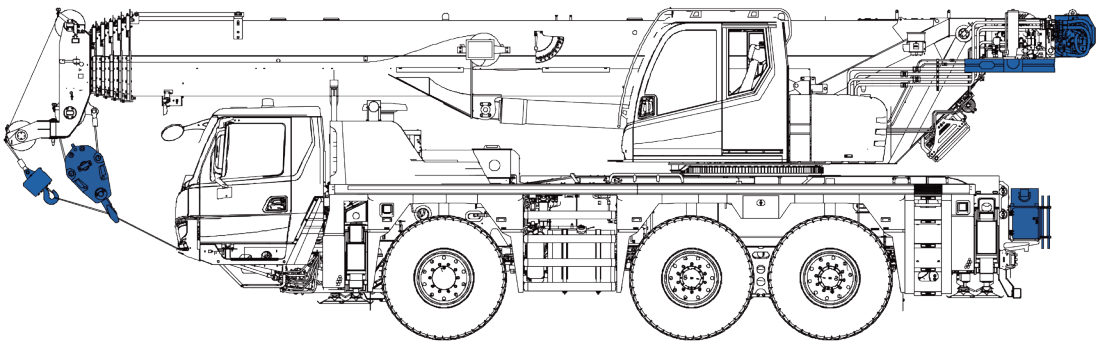
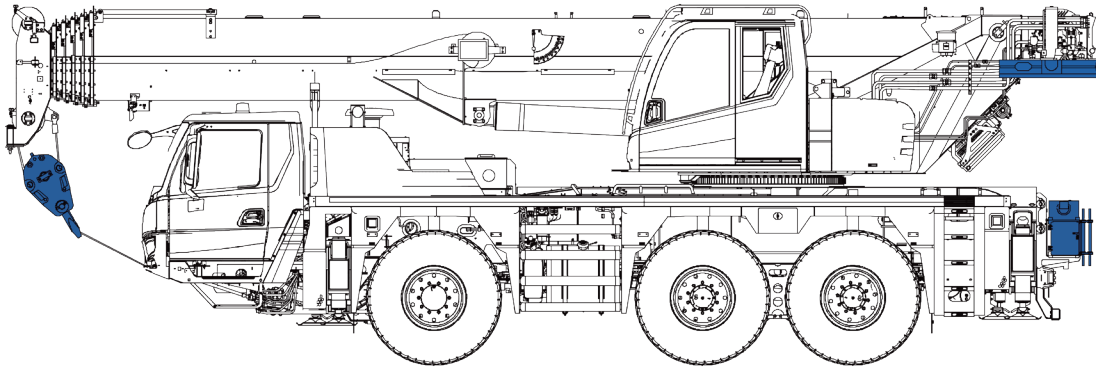
2) Superstructure includes auxiliary sheave, auxiliary winch, jib bracket (the 2nd section of middle bracket is not included), 2.4t counterweight, 13.5t hook block, 5t hook block; chassis includes supplied spare box. The vehicle does not include jib, independent jib head, 46t hook block, 30.5t hook block, 0.6t counterweight, 4.5t counterweight, 5.5t counterweight, spare tire. Drive/steering type is 6×4×6; Tire specification: 525/80 R 25 (20.5R25)

Axle	1	2	3	Total weight
t	14	17	17	≤48 ³⁾

3) Superstructure includes auxiliary sheave, auxiliary winch, jib, jib bracket, 2.4t counterweight, 0.6t counterweight, 4.5t counterweight, 5.5t counterweight, 46t hook block and 5t hook block (fixed in front of driver' s cab); chassis includes supplied spare box. The vehicle does not include independent jib head, 30.5t hook block, 13.5t hook block, and spare tire. Drive/steering type is 6×4×6; Tire specification: 525/80 R 25 (20.5R25)



Hook	No. of lines	Weight kg	Remarks
46 t	11	445	Dual hook optional
30.5 t	7	315	Dual hook
13.5 t	3	210	Single hook
5 t	1	100	Single hook



	28t	48t
Max.		

 Chassis	
Frame	Designed and manufactured by XCMG, made of high strength steel with inverted trapezium cross-section.
Outrigger	H-type 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	Daimler AG OM470LA, 6 cylinders, diesel engine. Max. net power/rpm: 280 kw/1700 rpm. Max. output torque/RPM: 1900N.m/1300rpm, Emission standard: EU Stage IV/ Tier 4F. Fuel tank capacity: 260L.
Transmission	American Allison automatic transmission, 6 forward and 1 reverse speeds.
Axles	High strength integrated axles with independent suspension. Drive/steering type: 6 × 4 × 6.
Suspensions	Hydro-pneumatic suspension system has good shock-absorbing effect. Various functions such as automatic leveling, moving up and down of suspension, switching over of unlocked and blocked suspension, and axles lifting and lowering are available.
Tires	Tire specifications: 525/80 R25 (20.5R25)
Steering	Axle 1 is mechanical steering and axles 2 and 3 are electric-hydraulic proportional steering.
Brakes	Service brake: double-circuit air pressure brake, acting on all wheels. Parking brake: spring-loaded brake, acting on the wheels of axles 1, 2 and 3. Auxiliary brake: engine in-cylinder brake.
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 inperformance boundaries.
Driver's cab	New full dimension steel structure cab, windshield with wide visual field, window glass lifter, air suspension seats are equipped for the driver and co-driver, electrical adjustable rearview mirrors, multi-function steering wheel, 12.3 inch colorful central display, 4 speakers, superstructure steps lights, HVAC, etc.
Electrical system	24 V DC, with 2 sets of 12 V batteries in series.

 Superstructure	
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 of main and auxiliary winches, luffing, telescoping, slewing and auxiliary system. Load-sensing proportional multi-way valve is equipped. Wind-cooled hydraulic radiator is also applied.
Operating mode	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, intelligent boom control, function self-adaptability, single cylinder pinning control and so on.
Winch system	Driven by a hydraulic motor, with built-in planetary gear reducer and normally closed brake fitted. Also equipped with: anti-disorder rope winding drum; rotation-resistant 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 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 steel cab can be tilted up or down by 20° . Spacious interiors and expansive visibility provide a large storage space. Full-view windshield made of safety glass, which can be opened. A push-pull sliding door, railings, and pedals. Windshield and roof window wiper with two motors, are equipped with 2.5L washer fluid reservoir. Luxurious interior parts, sunshade for the windshield, rear window, side window, and double-layer sunshade for roof window. Leather and breathable mesh are applied for the mechanical shock absorber seats, which are angle adjustable and equipped with safety belts. Dual LED indoor lights, 12V car refrigerator. Human-machine interactive control panel, 12-inch display, handrail, engine accelerator pedal, electric proportional slewing brake pedal, and engine starting switch. HVAC is available.
Safety devices	Hydraulic balance valve, hydraulic relief valve, hydraulic two-way valve, LMI, display, central controller, length/angle sensor, oil pressure sensor. 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.



Superstructure

LMI	When the actual load moment is approaching the overloading value, audible and visual warning will be sent out, and the dangerous operation will be automatically stopped before overloading occurs. Overload memory function (black box) and fault diagnosis function are available.
Combined counterweight	Total weight of 13 t, with 6 combinations of 2.4 t, 3 t, 7.5 t, 7.9 t, 8.5 t and 13 t
Electrical System	DC 24 V, with 2 sets of 12 V batteries in series.

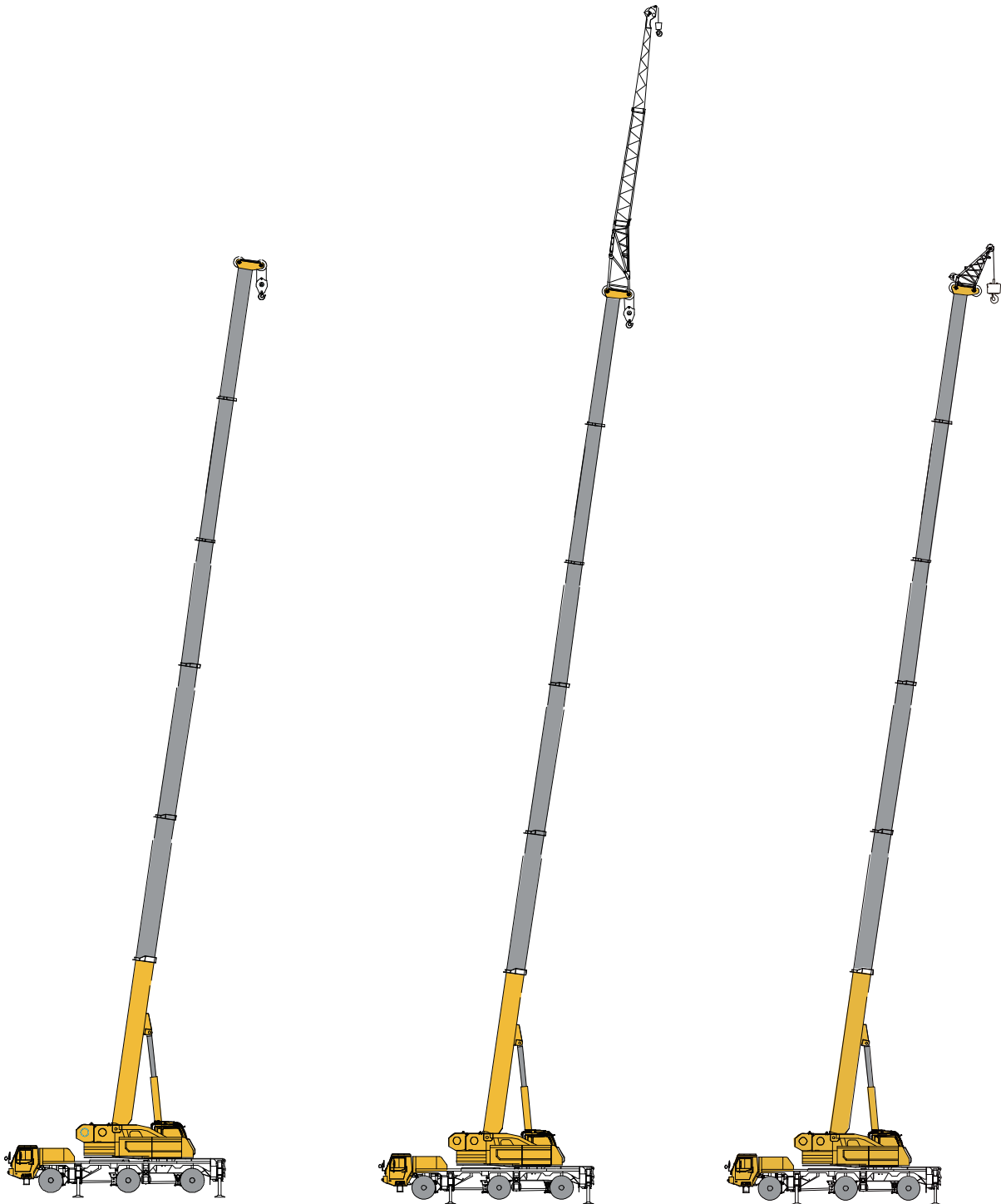


Boom and jib

Boom	6-section boom with U cross-section, welding structure. Single-cylinder pinning telescoping system. 46%, 92% and 100% telescoping patterns are available. Boom length: 10.7m ~ 50m.
Auxiliary sheave	Fitted at boom head, used for single line operation. Its lifting performance is the same as that for boom, but the maximum lifting load does not exceed 4.5 t.
Fixed jib	Lattice jib, welded. Three offset angles of 0° , 15° and 30° . Fixed jib length: 9.2m~16m

Optional equipment

Independent jib head	2.5m, fitted at boom head for lifting operation.
Hook block	46 t hook block



Telescopic boom

T: 10.7m~50 m

Jib

T: 36m~50 m
J: 9.2m~16 m

Independent jib head

T: 10.7m~50 m
I: 2.5m

Dimensions	Unit	Parameter
Outline size (length × width × height)	mm	12019 × 2800 × 3900
Axle load	mm	2950+1650
Track (Front/ Rear)	mm	2194
Front/ Rear overhang	mm	3206/3551
Front/ Rear extension	mm	1487/0

Weight	Unit	Parameter
Total vehicle mass in travel configuration	kg	36000
Axle load	1st axle	kg12000
	2nd axle	kg12000
	3rd axle	kg12000

Power	Unit	Parameter
Engine model	—	OM470LA
Rated power/rpm	kW/(r/min)	280/1700
Max. output torque/rpm	N.m/(r/min)	1900/1300

Travel	Unit	Parameter
Max. travel speed	km/h	≥85
Min. travel speed	km/h	≤4
Min. turning diameter	m	≤16
Min. ground clearance	mm	330
Approach angle	°	19
Departure angle	°	12
Braking distance (at 30 km/h)	m	≤10
Max. grade ability	%	60
Fuel consumption per 100 km	L	60

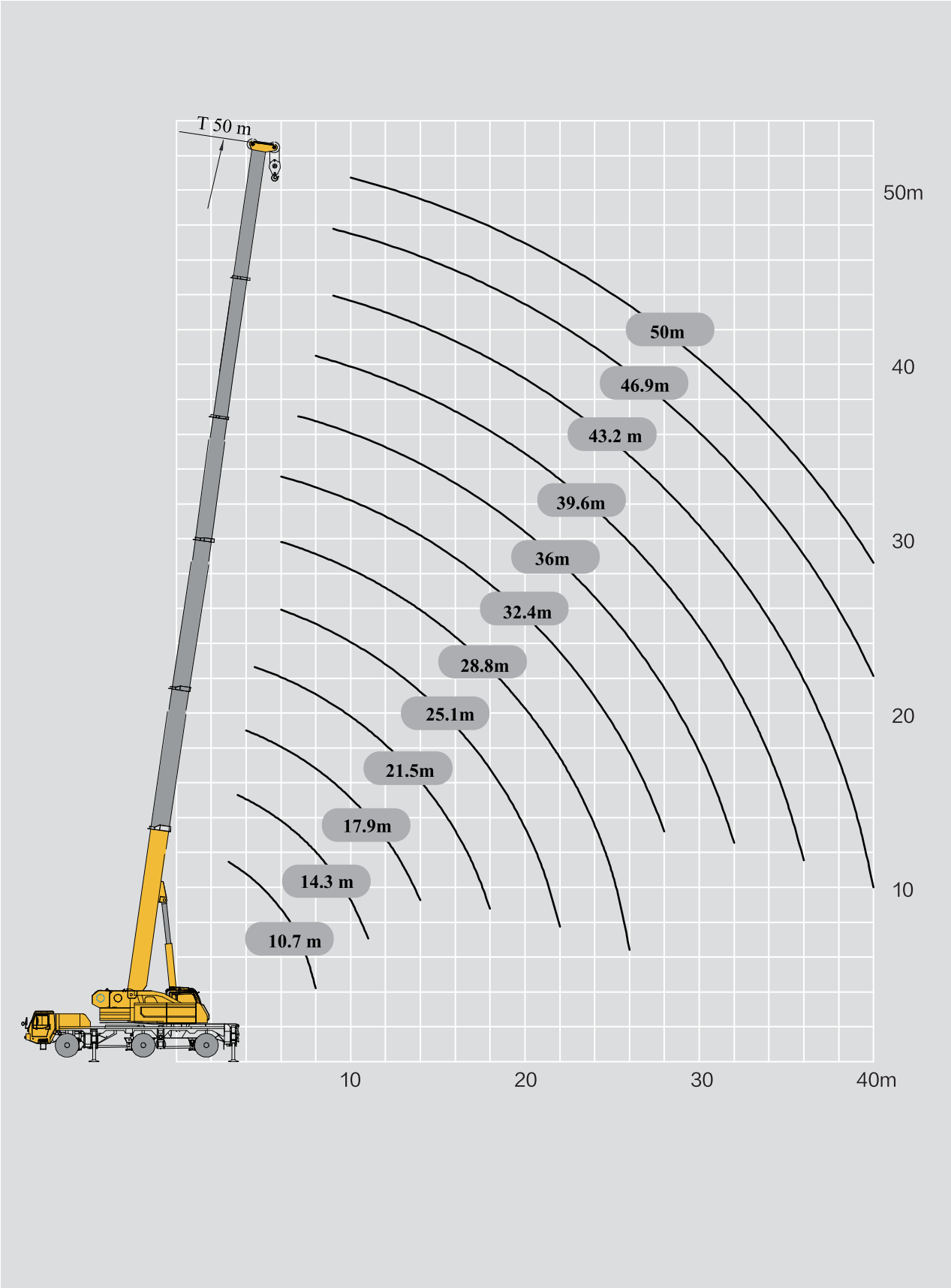
Noise	Unit	Parameter
Noise level when accelerating	dB(A)	≤83
Noise level at seated position	dB(A)	≤85

Main performance	Unit	Parameter
Max. total rated lifting capacity	t	60
Min. rated working radius	m	2.1
Turning radius at turntable tail	Counterweight	mm3600
	Auxiliary winch	mm4100
Max. load moment	Base boom	kN.m1605
	Fully-extended boom	kN.m983
	Fully-extended boom + Jib	kN.m475
Outrigger span	Longitudinal	m7.5
	Lateral	m6.48(4.28)
Hoist height	Base boom	m11
	Fully-extended boom	m50.5
	Fully-extended boom + Jib	m64.1
Boom length	Base boom	m10.7
	Fully-extended boom	m50
	Fully-extended boom + Jib	m66
Jib offset angle	°	0、15、30

Working speed		Unit	Parameter	
Boom raising time		s	≤60	
Boom fully extended time		s	≤350	
Max. slewing speed		r/min	≥1.5	
	Outrigger beam	Retracting	s	≤35
		Extending	s	≤35
	Outrigger jack	Retracting	s	≤30
		Extending	s	≤40
Hoisting speed (single line, 4th layer, no load)	Main winch	m/min	≥135	
	Auxiliary winch	m/min	≥135	

Drive	Working speed	Max. single line pull	Parameter
	0–135 m/min, single line,4th layer, no load	44.1 KN (4.5t)	14 mm/220 m
	0–135 m/min, single line,4th layer, no load	44.1 KN (4.5t)	14 mm/140 m

Boom



T 10.7–21.5 m

10.7–21.5 m

7.5m×6.48 m

360°

13 t

13000

EN

	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
2.1	60*								
3	42.5								
3.5	40.5	38.8	40.1	38.5					
4	37.8	35.8	35.2	35.0	30.7	36.6	34.3		
4.5	34.8	33.1	31.8	32.1	28.9	34.9	31.8	24.1	26.0
5	32.2	29.2	29.7	29.8	26.7	32.5	28.7	22.5	24.4
6	27.3	27.3	27.0	26.5	26.1	27.0	26.5	19.6	21.2
7	22.5	22.8	21.5	21.0	23.2	22.5	22.0	18.5	19.7
8	17.5	18.9	18.6	18.2	19.2	18.6	18.0	18.4	19.5
8.1	17.0	18.5	18.1	17.8	18.8	18.2	17.6	18.1	18.9
9		16.0	15.7	15.3	16.3	15.8	15.3	16.5	15.8
10		13.7	12.7	11.6	14	12.4	11.3	14.4	12.4
11		11.5	10.9	10.3	12.5	11.5	10.9	12.5	11.2
11.8		8.1	7.6	7.2	11.3	10.7	10.2	11.4	10.3
12					11.0	10.5	10.1	11.1	10.1
13					9.8	9.0	8.5	9.9	8.9
14					8.8	8.3	7.9	8.9	8.0
15					6.2	5.8	5.5	8.0	6.9
15.4					4.9	4.7	4.4	7.6	6.7
16								7.2	6.4
17								6.5	5.4
18								6.0	5.2
19								4.8	4.1
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

Note 1: In digit combination form: 0 means that 0% of boom section is extended; 1 is 46% extended, 2 is 92% extended, 3 is 100% extended. The digits from left to right respectively are the codes of the 2nd, 3rd, 4th, 5th and 6th boom sections extended.

Note 2: * Capacity class.

T 21.5–32.4 m



	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	32.8									
5	32.5									
6	27.1	23.6	26.5	22.7	18.4	25.1	22.4	14.7	19.9	20.5
7	22.6	20.3	23.5	19.1	17.1	23.2	20.4	13.4	18.0	18.7
8	19.0	18.4	19.6	17.2	14.1	19.3	16.7	12.3	16.2	16.9
8.1	18.5	18.1	19.0	16.9	13.9	18.8	16.3	12.2	16.0	16.7
9	15.6	16.4	15.7	15.2	12.3	16.1	14.3	11.3	14.8	15.6
10	11.5	14.3	13.6	13.3	11.6	14.0	13.4	10.5	13.8	14.3
11	10.6	12.5	11.1	10.4	10.5	13.1	11.2	9.0	12.0	12.8
11.8	10.1	11.2	10.5	10.1	10.1	12.0	10.6	8.6	11.5	12.0
12	9.9	10.9	10.4	10.0	10.0	11.7	10.5	8.5	11.4	11.8
13	8.3	9.8	9.0	8.2	9.4	10.5	9.7	8.4	10.5	10.0
14	7.8	8.7	8.1	7.7	9.0	9.7	8.1	8.1	9.3	9.1
15	6.7	8.4	7.7	7.4	8.7	7.3	6.7	7.5	8.3	7.9
15.4	6.5	8.1	7.5	7.2	8.3	7.2	6.6	7.4	7.9	7.7
16	6.2	7.8	7.2	6.9	7.9	7.0	6.5	7.3	7.5	7.4
17	5.2	7.1	6.5	6.2	7.3	6.7	6.1	7	6.8	6.6
18	4.9	6.5	5.9	5.6	6.7	6.2	5.7	6.5	6.2	6
19	3.9	5.9	5.4	5	6.1	5.7	5.2	6.2	5.6	5.5
20		5.4	4.9	4.5	5.6	5.2	4.7	5.8	5.1	5
21		5	4.4	4.1	5.2	4.7	4.3	5.3	4.7	4.5
22		4.6	4	3.7	4.8	4.3	3.9	4.9	4.3	4.1
22.5		3.4	3.8	2.7	4.6	4.1	3.7	4.7	4.1	3.9
23					4.4	4	3.5	4.6	3.9	3.8
24					4.1	3.7	3.2	4.3	3.6	3.5
25					3.8	3.4	2.9	4	3.3	3.2
26					3.5	3.1	2.7	3.7	3.1	2.9
26.2					3.1	2.7	2.3	3.6	3.0	2.9
27								3.4	2.8	2.7
28								3.2	2.6	2.4
29								2.6	2	1.9
29.8								1.8	1.4	1.3
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

T 36–50m



	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
7	11.6	14.8	16.1							
8	10.6	13.8	15.3	11.4	11.6	12.1				
8.1	10.4	13.6	15.2	11.3	11.5	12.0				
9	9.7	12.6	14.3	10.7	11.0	11.8	8.9	10.0	7.8	
10	9.0	11.5	13.1	10.0	10.1	11.7	8.9	10.0	7.8	6.4
11	8.0	10.3	12.3	8.9	9.0	11.4	8.1	9.9	7.7	6.4
11.8	7.9	10.0	11.1	8.8	8.8	10.3	7.9	9.4	7.6	6.4
12	7.8	9.9	10.8	8.7	8.7	10.0	7.9	9.3	7.6	6.4
13	7.0	8.7	9.2	7.9	7.8	8.0	7.2	8.9	7.2	6.4
14	6.7	8.5	9.1	7.7	7.6	7.8	7.0	8.1	7	6.3
15	6.2	7.8	8.0	7.0	7.0	7.6	6.4	7.5	6.8	6.2
15.4	6.2	7.7	7.7	6.9	6.9	7.3	6.3	7.1	6.7	6.1
16	6.1	7.6	7.3	6.8	6.8	7.0	6.2	6.7	6.5	6
17	5.7	6.9	6.6	6.3	6.2	6.5	5.6	6.0	6.1	5.9
18	5.5	6.2	6.0	6.2	6.1	6.1	5.5	5.7	5.4	5.4
19	5.2	5.7	5.4	5.7	5.5	5.4	5.0	5.3	4.9	4.8
20	5.1	5.2	4.9	5.6	5.3	5.0	4.8	5.1	4.9	4.5
21	4.8	4.6	4.5	5.1	4.9	4.6	4.7	4.2	4.6	4.3
22	4.6	4.4	4.1	4.7	4.5	4.2	4.6	4.0	4.4	3.6
22.5	4.5	4.1	3.9	4.5	4.3	4.0	4.4	4.0	4.2	3.4
23	4.4	3.9	3.7	4.4	4.2	3.8	4.2	4.0	4.1	3.3
24	4.3	3.7	3.5	4	3.8	3.5	4	3.7	4	3
25	4	3.4	3.2	3.8	3.5	3.2	3.7	3.4	3.5	2.8
26	3.7	3.1	2.9	3.5	3.3	3	3.4	3.1	3.3	2.5
26.2	3.6	3.1	2.8	3.4	3.2	2.9	3.4	3.1	3.2	2.5
27	3.4	2.9	2.6	3.2	3	2.7	3.2	2.9	3	2.3
28	3.2	2.7	2.4	3	2.8	2.5	2.9	2.6	2.8	2.1
29	3	2.4	2.2	2.8	2.6	2.3	2.7	2.4	2.6	1.9
29.8	2.8	2.3	2.0	2.6	2.4	2.1	2.5	2.2	2.4	1.7
30	2.8	2.3	2	2.6	2.4	2.1	2.5	2.2	2.4	1.7
31	2.6	2.1	1.8	2.4	2.2	1.9	2.4	2.1	2.2	1.6
32	2.5	1.9	1.7	2.2	2.1	1.8	2.2	1.9	2	1.4
33	1.7	1.2	1.0	2.1	1.9	1.6	2	1.7	1.9	1.3
34				1.9	1.7	1.4	1.9	1.6	1.7	1.2
35				1.8	1.6	1.3	1.7	1.5	1.6	1
36				1.7	1.5	1.2	1.6	1.3	1.5	0.9
37				1.0	0.9	0.7	1.5	1.2	1.3	
38							1.4	1.1	1.2	
39							1.3	1	1.1	
40							1.2	0.9	1	
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

T 10.7–21.5 m



	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	42.5								
3.5	40.5	38.8	40.1	38.5					
4	37.8	35.8	35.2	35.0	30.7	36.6	34.3		
4.5	34.8	33.1	31.8	32.1	28.9	34.9	31.8	24.1	26.0
5	32.2	29.2	29.7	29.8	26.7	32.5	28.7	22.5	24.4
6	27.3	27.3	27.0	26.5	26.1	27.0	26.5	19.6	21.2
7	22.5	22.8	21.5	21.0	23.2	22.5	22.0	18.5	19.7
8	17.5	18.9	18.5	18.1	19.1	18.5	17.8	18.4	18.5
8.1	17.0	18.4	18.0	17.6	18.6	18.0	17.3	18.1	18.0
9		15.5	15.2	14.8	15.7	15.1	14.5	16.2	15.1
10		13.1	12.7	11.6	13.2	12.4	11.3	13.7	12.4
11		11.2	10.8	10.3	11.4	10.8	10.2	11.7	10.8
11.8		7.9	7.6	7.4	10.2	9.6	9.1	10.5	9.6
12					9.9	9.3	8.8	10.2	9.3
13					8.6	8.1	7.6	9.0	8.1
14					7.6	7.1	6.6	8.0	7.1
15					5.3	4.9	4.4	7.2	6.3
15.4					4.9	4.5	4.2	6.8	6.0
16								6.4	5.6
17								5.8	5.0
18								5.3	4.5
19								3.8	3.2
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

T 21.5–32.4 m



	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	32.8									
5	32.5									
6	27.1	23.6	26.5	22.7	18.4	25.1	22.4	14.7	19.9	20.5
7	22.6	20.3	23.5	19.1	17.1	23.2	20.4	13.4	18.0	18.7
8	18.2	18.4	18.6	17.2	14.1	19.1	16.7	12.3	16.2	16.9
8.1	17.7	18.0	18.1	16.8	13.9	18.6	16.3	12.2	16.0	16.7
9	14.8	16.0	15.3	14.9	12.3	15.7	14.3	11.3	14.8	15.4
10	11.5	13.5	12.8	12.4	11.6	13.2	12.6	10.5	13.1	13.0
11	10.5	11.6	10.9	10.4	10.5	11.3	10.7	9.0	11.2	11.1
11.8	9.4	10.4	9.8	9.4	10.1	10.1	9.6	8.6	10.0	9.9
12	9.1	10.1	9.5	9.1	10.0	9.8	9.3	8.5	9.7	9.6
13	7.9	8.9	8.3	7.9	9.1	8.6	8.1	8.4	8.5	8.4
14	6.9	7.9	7.3	6.9	8.1	7.6	7.1	8.1	7.5	7.4
15	6.1	7.0	6.4	6.1	7.3	6.8	6.3	7.4	6.7	6.5
15.4	5.8	6.7	6.1	5.8	6.9	6.4	5.9	7.1	6.4	6.2
16	5.4	6.3	5.7	5.4	6.5	6.0	5.5	6.7	6	5.8
17	4.8	5.7	5.1	4.8	5.9	5.4	4.9	6	5.4	5.2
18	4.2	5.1	4.6	4.3	5.4	4.9	4.4	5.5	4.8	4.7
19	2.9	4.7	4.1	3.8	4.9	4.4	3.9	5	4.4	4.2
20		4.2	3.7	3.4	4.5	4	3.5	4.6	3.9	3.8
21		3.9	3.3	3	4.1	3.6	3.2	4.2	3.6	3.4
22		3.5	3	2.7	3.7	3.3	2.8	3.9	3.2	3.1
22.5		2.7	2.3	2.1	3.5	3.1	2.6	3.7	3.0	2.9
23					3.4	3	2.5	3.6	2.9	2.8
24					3.2	2.7	2.3	3.3	2.7	2.5
25					2.9	2.5	2	3	2.4	2.3
26					2.7	2.2	1.8	2.8	2.2	2
26.2					2.1	1.8	1.4	2.8	2.2	2.0
27								2.6	2	1.8
28								2.4	1.8	1.6
29								1.8	1.3	1.2
29.8								1.7	1.2	1.0
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

T 36–50m



	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
7	11.6	14.8	16.1							
8	10.6	13.8	15.3	11.4	11.6	12.1				
8.1	10.4	13.6	15.2	11.3	11.5	12.0				
9	9.7	12.6	14.3	10.7	11.0	11.8	8.9	10.0	7.8	
10	9.0	11.5	12.9	10.0	10.1	11.7	8.9	10.0	7.8	6.4
11	8.0	10.3	11.0	8.9	9.0	11.1	8.1	9.9	7.7	6.4
11.8	7.9	9.9	9.8	8.8	8.8	9.9	7.9	9.4	7.6	6.4
12	7.8	9.8	9.5	8.7	8.7	9.6	7.9	9.3	7.6	6.4
13	7.0	8.6	8.3	7.9	7.8	8.0	7.2	8.6	7.2	6.4
14	6.7	7.6	7.3	7.7	7.6	7.4	7.0	7.6	7	6.3
15	6.2	6.8	6.5	7.0	6.9	6.6	6.4	6.8	6.8	6
15.4	6.2	6.5	6.2	6.8	6.6	6.3	6.3	6.5	6.5	5.7
16	6.1	6.1	5.8	6.5	6.2	5.9	6.2	6.1	6.2	5.3
17	5.7	5.4	5.2	5.8	5.6	5.3	5.6	5.4	5.6	4.7
18	5.5	4.9	4.7	5.3	5.1	4.7	5.2	4.9	5.1	4.2
19	5.0	4.4	4.2	4.8	4.6	4.3	4.7	4.4	4.6	3.7
20	4.6	4.0	3.8	4.4	4.2	3.9	4.3	4.0	4.2	3.3
21	4.2	3.6	3.4	4.0	3.8	3.5	3.9	3.6	3.8	2.9
22	3.9	3.3	3.1	3.7	3.5	3.1	3.6	3.3	3.5	2.6
22.5	3.7	3.1	2.9	3.5	3.3	2.9	3.4	3.1	3.3	2.4
23	3.6	3.0	2.8	3.4	3.2	2.8	3.3	3.0	3.1	2.3
24	3.3	2.7	2.5	3.1	2.9	2.6	3	2.7	2.9	2
25	3.1	2.5	2.2	2.8	2.6	2.3	2.8	2.5	2.6	1.8
26	2.8	2.3	2	2.6	2.4	2.1	2.5	2.2	2.4	1.6
26.2	2.8	2.2	2.0	2.6	2.4	2.1	2.5	2.2	2.4	1.6
27	2.6	2	1.8	2.4	2.2	1.9	2.3	2	2.2	1.4
28	2.4	1.9	1.6	2.2	2	1.7	2.1	1.8	2	1.2
29	2.2	1.7	1.4	2	1.8	1.5	2	1.7	1.8	1
29.8	2.1	1.5	1.3	1.9	1.7	1.4	1.8	1.5	1.6	0.8
30	2.1	1.5	1.3	1.9	1.7	1.4	1.8	1.5	1.6	0.8
31	1.9	1.4	1.1	1.7	1.5	1.2	1.6	1.3	1.5	
32	1.8	1.2	1	1.6	1.4	1.1	1.5	1.2	1.3	
33	1.3	0.8	0.7	1.4	1.2	0.9	1.4	1.1	1.2	
34				1.3	1.1	0.8	1.2	0.9	1.1	
35				1.2	1		1.1	0.8	1	
36				1.1	0.9		1	0.7	0.9	
37							0.9		0.7	
38							0.8			
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

T 10.7–21.5 m



	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	42.5								
3.5	40.5	38.8	40.1	38.5					
4	37.8	35.8	35.2	35.0	30.7	36.6	34.3		
4.5	34.8	33.1	31.8	32.1	28.9	34.9	31.8	24.1	26.0
5	32.2	29.2	29.7	29.8	26.7	32.5	28.7	22.5	24.4
6	27.3	27.3	27.0	26.5	26.1	27.0	26.5	19.6	21.2
7	22.2	22.8	21.5	21.0	23.2	22.5	22.0	18.5	19.7
8	17.5	18.4	18.1	17.7	18.7	18.0	17.4	18.4	18.0
8.1	17.0	17.9	17.6	17.2	18.2	17.5	16.9	18.0	17.5
9		15.1	14.8	14.4	15.3	14.8	14.1	15.8	14.8
10		12.7	12.4	11.6	12.9	12.4	11.3	13.3	12.4
11		10.9	10.5	10.2	11.1	10.5	9.9	11.4	10.5
11.8		7.7	7.4	7.2	9.9	9.4	8.8	10.3	9.4
12					9.6	9.1	8.5	10.0	9.1
13					8.4	7.9	7.3	8.8	7.9
14					7.4	6.9	6.4	7.8	6.9
15					5.1	4.7	4.2	7.0	6.1
15.4					4.8	4.4	4.1	6.6	5.8
16								6.2	5.4
17								5.6	4.8
18								5.1	4.3
19								3.7	3.1
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

T 21.5–32.4 m



	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	32.8									
5	32.5									
6	27.1	23.6	26.5	22.7	18.4	25.1	22.4	14.7	19.9	20.5
7	22.4	20.3	22.9	19.1	17.1	23.2	20.4	13.4	18.0	18.7
8	17.7	18.4	18.2	17.2	14.1	18.6	16.7	12.3	16.2	16.9
8.1	17.2	18.0	17.7	16.8	13.9	18.1	16.3	12.2	16.0	16.6
9	14.5	15.6	14.9	14.5	12.3	15.3	14.3	11.3	14.8	15.0
10	11.5	13.2	12.5	12.1	11.6	12.9	12.3	10.5	12.8	12.6
11	10.3	11.3	10.7	10.3	10.5	11.0	10.4	9.0	10.9	10.8
11.8	9.1	10.1	9.5	9.1	10.1	9.8	9.3	8.6	9.8	9.6
12	8.8	9.8	9.2	8.8	10.0	9.5	9.0	8.5	9.5	9.3
13	7.6	8.6	8.0	7.7	8.9	8.4	7.8	8.4	8.3	8.1
14	6.7	7.7	7.1	6.7	7.9	7.4	6.9	8.0	7.3	7.2
15	5.9	6.8	6.2	5.9	7.1	6.6	6.1	7.2	6.5	6.3
15.4	5.6	6.5	5.9	5.6	6.7	6.3	5.8	6.9	6.2	6.0
16	5.2	6.1	5.5	5.2	6.3	5.9	5.4	6.5	5.8	5.7
17	4.6	5.5	4.9	4.6	5.7	5.3	4.8	5.9	5.2	5.1
18	4.1	5	4.4	4.1	5.2	4.7	4.2	5.3	4.7	4.5
19	2.8	4.5	4	3.6	4.7	4.3	3.8	4.9	4.2	4.1
20		4.1	3.6	3.2	4.3	3.9	3.4	4.5	3.8	3.7
21		3.7	3.2	2.9	3.9	3.5	3	4.1	3.4	3.3
22		3.4	2.9	2.5	3.6	3.2	2.7	3.8	3.1	3
22.5		2.6	2.1	1.9	3.4	3.0	2.5	3.6	2.9	2.8
23					3.3	2.9	2.4	3.5	2.8	2.7
24					3	2.6	2.1	3.2	2.6	2.4
25					2.8	2.4	1.9	2.9	2.3	2.2
26					2.6	2.1	1.7	2.7	2.1	1.9
26.2					2	1.6	1.3	2.7	2.1	1.9
27								2.5	1.9	1.7
28								2.3	1.7	1.5
29								1.7	1.2	1.1
29.8								1.5	1.1	1.0
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

T 36–50m



	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
7	11.6	14.8	16.1							
8	10.6	13.8	15.3	11.4	11.6	12.1				
8.1	10.4	13.6	15.2	11.3	11.5	12.0				
9	9.7	12.6	14.3	10.7	11.0	11.8	8.9	10.0	7.8	
10	9.0	11.5	12.6	10.0	10.1	11.7	8.9	10.0	7.8	6.4
11	8.0	10.3	10.7	8.9	9.0	10.8	8.1	9.9	7.7	6.4
11.8	7.9	9.7	9.6	8.8	8.8	9.7	7.9	9.4	7.6	6.4
12	7.8	9.6	9.3	8.7	8.7	9.4	7.9	9.3	7.6	6.4
13	7.0	8.4	8.1	7.9	7.8	8.0	7.2	8.4	7.2	6.4
14	6.7	7.4	7.1	7.7	7.6	7.2	7.0	7.4	7	6.3
15	6.2	6.6	6.3	7.0	6.7	6.4	6.4	6.6	6.7	5.8
15.4	6.2	6.3	6.0	6.7	6.4	6.1	6.3	6.3	6.4	5.5
16	6.1	5.9	5.6	6.3	6.0	5.7	6.2	5.9	6	5.1
17	5.7	5.3	5.0	5.7	5.4	5.1	5.6	5.3	5.4	4.5
18	5.4	4.7	4.5	5.1	4.9	4.6	5.1	4.7	4.9	4
19	4.9	4.3	4.0	4.7	4.4	4.1	4.6	4.3	4.4	3.6
20	4.5	3.9	3.6	4.2	4.0	3.7	4.2	3.9	4	3.1
21	4.1	3.5	3.3	3.9	3.7	3.3	3.8	3.5	3.7	2.8
22	3.8	3.2	2.9	3.5	3.3	3	3.5	3.2	3.3	2.5
22.5	3.6	3.0	2.7	3.3	3.1	2.8	3.3	3.0	3.1	2.3
23	3.5	2.9	2.6	3.2	3	2.7	3.2	2.9	3	2.2
24	3.2	2.6	2.4	3	2.8	2.5	2.9	2.6	2.8	1.9
25	2.9	2.4	2.1	2.7	2.5	2.2	2.7	2.4	2.5	1.7
26	2.7	2.2	1.9	2.5	2.3	2	2.4	2.1	2.3	1.5
26.2	2.7	2.1	1.9	2.5	2.3	2.0	2.4	2.1	2.3	1.5
27	2.5	1.9	1.7	2.3	2.1	1.8	2.2	1.9	2.1	1.3
28	2.3	1.8	1.5	2.1	1.9	1.6	2	1.7	1.9	1.1
29	2.1	1.6	1.3	1.9	1.7	1.4	1.9	1.6	1.7	0.9
29.8	2.0	1.4	1.2	1.8	1.6	1.3	1.7	1.4	1.6	0.7
30	2	1.4	1.2	1.8	1.6	1.3	1.7	1.4	1.6	0.7
31	1.8	1.3	1	1.6	1.4	1.1	1.5	1.3	1.4	
32	1.7	1.1	0.9	1.5	1.3	1	1.4	1.1	1.3	
33				1.3	1.1	0.8	1.3	1	1.1	
34				1.2	1	0.7	1.1	0.9	1	
35				1.1	0.9		1	0.8	0.9	
36				1	0.8		0.9		0.8	
37							0.8			
38							0.7			
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

T 10.7–21.5 m



	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	42.5								
3.5	40.5	38.8	40.1	38.5					
4	37.8	35.8	35.2	35.0	30.7	36.6	34.3		
4.5	34.8	33.1	31.8	32.1	28.9	34.9	31.8	24.1	26.0
5	32.2	29.2	29.7	29.8	26.7	32.5	28.7	22.5	24.4
6	27.3	27.3	27.0	26.5	26.1	27.0	26.5	19.6	21.2
7	21.9	22.8	21.5	21.0	23.1	22.4	21.7	18.5	19.7
8	17.2	18.2	17.8	17.4	18.4	17.7	17.1	18.4	17.7
8.1	16.1	17.7	17.3	16.9	17.9	17.2	16.6	18.0	17.2
9		14.9	14.5	14.2	15.1	14.5	13.9	15.5	14.5
10		12.5	12.2	11.6	12.7	12.2	11.3	13.1	12.1
11		10.7	10.4	10	10.9	10.3	9.7	11.3	10.3
11.8		7.6	7.3	7	9.7	9.2	8.6	10.1	9.2
12					9.4	8.9	8.3	9.8	8.9
13					8.3	7.7	7.2	8.6	7.7
14					7.3	6.8	6.2	7.6	6.8
15					4.6	4.3	3.8	6.8	6.0
15.4					4.4	4.1	3.6	6.5	5.7
16								6.1	5.3
17								5.5	4.7
18								5.0	4.2
19								3.6	3.0
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

T 21.5–32.4 m



	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	32.8									
5	32.5									
6	27.1	23.6	26.5	22.7	18.4	25.1	22.4	14.7	19.9	20.5
7	22.1	20.3	22.6	19.1	17.1	23.0	20.4	13.4	18.0	18.7
8	17.4	18.4	17.9	17.2	14.1	18.3	16.7	12.3	16.2	16.9
8.1	16.9	17.9	17.4	16.7	13.9	17.8	16.3	12.2	16.0	16.6
9	14.2	15.4	14.7	14.2	12.3	15.0	14.3	11.3	14.8	14.8
10	11.5	13.0	12.3	11.9	11.6	12.7	12.1	10.5	12.6	12.4
11	10.1	11.1	10.5	10.1	10.5	10.8	10.3	9.0	10.8	10.6
11.8	8.9	10.0	9.3	9.0	10.0	9.7	9.1	8.6	9.6	9.4
12	8.6	9.7	9.0	8.7	9.9	9.4	8.8	8.5	9.3	9.1
13	7.5	8.5	7.9	7.5	8.7	8.2	7.7	8.4	8.1	8.0
14	6.5	7.5	6.9	6.6	7.7	7.2	6.7	7.9	7.2	7.0
15	5.7	6.7	6.1	5.8	6.9	6.4	5.9	7.1	6.4	6.2
15.4	5.4	6.4	5.8	5.5	6.6	6.1	5.6	6.8	6.1	5.9
16	5.1	6	5.4	5.1	6.2	5.7	5.2	6.4	5.7	5.5
17	4.5	5.4	4.8	4.5	5.6	5.1	4.7	5.8	5.1	4.9
18	4.0	4.9	4.3	4	5.1	4.6	4.1	5.2	4.6	4.4
19	2.7	4.4	3.9	3.5	4.6	4.2	3.7	4.8	4.1	4
20		4	3.5	3.1	4.2	3.8	3.3	4.4	3.7	3.6
21		3.6	3.1	2.8	3.9	3.4	2.9	4	3.4	3.2
22		3.3	2.8	2.5	3.5	3.1	2.6	3.7	3	2.9
22.5		2.5	2	1.8	3.3	2.9	2.4	3.5	2.8	2.7
23					3.2	2.8	2.3	3.4	2.7	2.6
24					3	2.5	2.1	3.1	2.5	2.3
25					2.7	2.3	1.8	2.9	2.2	2.1
26					2.5	2.1	1.6	2.6	2	1.9
26.2					1.9	1.5	1.3	2.6	2.0	1.9
27								2.4	1.8	1.7
28								2.2	1.6	1.5
29								1.6	1.1	1.0
29.8								1.5	1.0	0.9
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

T 36–50m



	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
7	11.6	14.8	16.1							
8	10.6	13.8	15.3	11.4	11.6	12.1				
8.1	10.4	13.6	15.2	11.3	11.5	12.0				
9	9.7	12.6	14.3	10.7	11.0	11.8	8.9	10.0	7.8	
10	9.0	11.5	12.4	10.0	10.1	11.7	8.9	10.0	7.8	6.4
11	8.0	10.3	10.6	8.9	9.0	10.6	8.1	9.9	7.7	6.4
11.8	7.9	9.6	9.4	8.8	8.8	9.5	7.9	9.4	7.6	6.4
12	7.8	9.4	9.1	8.7	8.7	9.2	7.9	9.3	7.6	6.4
13	7.0	8.2	8.0	7.9	7.8	8.0	7.2	8.2	7.2	6.4
14	6.7	7.3	7.0	7.7	7.4	7.1	7.0	7.2	7	6.3
15	6.2	6.4	6.2	6.8	6.6	6.3	6.3	6.4	6.6	5.7
15.4	6.2	6.1	5.9	6.5	6.3	6.0	6.2	6.1	6.3	5.4
16	6.1	5.8	5.5	6.1	5.9	5.6	6.1	5.7	5.9	5
17	5.7	5.2	4.9	5.5	5.3	5.0	5.5	5.2	5.3	4.4
18	5.2	4.6	4.4	5.0	4.8	4.5	4.9	4.6	4.8	3.9
19	4.8	4.2	3.9	4.6	4.3	4.0	4.5	4.2	4.3	3.5
20	4.4	3.8	3.5	4.2	3.9	3.6	4.1	3.8	3.9	3.1
21	4.0	3.4	3.2	3.8	3.6	3.3	3.7	3.4	3.6	2.7
22	3.7	3.1	2.9	3.5	3.3	2.9	3.4	3.1	3.2	2.4
22.5	3.5	2.9	2.7	3.3	3.1	2.7	3.2	2.9	3.0	2.2
23	3.4	2.8	2.6	3.2	3	2.6	3.1	2.8	2.9	2.1
24	3.1	2.5	2.3	2.9	2.7	2.4	2.8	2.5	2.7	1.8
25	2.9	2.3	2.1	2.7	2.5	2.1	2.6	2.3	2.4	1.6
26	2.6	2.1	1.8	2.4	2.2	1.9	2.4	2.1	2.2	1.4
26.2	2.6	2.1	1.8	2.4	2.2	1.9	2.4	2.1	2.2	1.4
27	2.4	1.9	1.6	2.2	2	1.7	2.2	1.9	2	1.2
28	2.2	1.7	1.5	2	1.8	1.5	2	1.7	1.8	1
29	2.1	1.5	1.3	1.9	1.7	1.4	1.8	1.5	1.7	0.8
29.8	1.9	1.4	1.1	1.7	1.5	1.2	1.6	1.4	1.5	0.7
30	1.9	1.4	1.1	1.7	1.5	1.2	1.6	1.4	1.5	0.7
31	1.8	1.2	1	1.6	1.4	1.1	1.5	1.2	1.3	
32	1.6	1.1	0.8	1.4	1.2	0.9	1.3	1.1	1.2	
33				1.3	1.1	0.8	1.2	0.9	1.1	
34				1.2	1	0.7	1.1	0.8	1	
35				1	0.8		1	0.7	0.8	
36				0.9	0.7		0.9		0.7	
37							0.8			
38							0.7			
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

T 10.7–21.5 m



	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	42.5								
3.5	40.5	38.8	40.1	38.5					
4	37.8	35.8	35.2	35.0	30.7	36.6	34.3		
4.5	34.8	33.1	31.8	32.1	28.9	34.9	31.8	24.1	26.0
5	32.2	29.2	29.7	29.8	26.7	32.5	28.7	22.5	24.4
6	23.9	25.0	24.5	24.0	25.2	24.5	23.7	19.6	21.2
7	17.8	18.8	18.4	17.9	19.0	18.3	17.6	18.5	18.3
8	13.8	14.8	14.4	14.0	15.0	14.4	13.7	15.5	14.4
8.1	13.1	14.4	14.0	13.6	14.6	14.0	13.3	15.1	14.0
9		12.1	11.7	11.3	12.3	11.7	11.0	12.7	11.7
10		10	9.7	9.3	10.2	9.7	9.1	10.7	9.7
11		8.5	8.2	7.8	8.7	8.2	7.6	9.1	8.2
11.8		6.1	5.8	5.4	7.7	7.2	6.6	8.1	7.2
12					7.5	7.0	6.4	7.9	7.0
13					6.5	6.0	5.4	6.9	6.0
14					5.7	5.2	4.6	6.0	5.2
15					4.5	4.2	3.7	5.4	4.5
15.4					4.3	4.0	3.5	5.1	4.2
16								4.8	3.9
17								4.3	3.4
18								3.8	3.0
19								2.7	2.1
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

T 21.5–32.4 m



	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	32.8									
5	32.5									
6	24.1	23.6	26.5	22.7	18.4	25.1	22.4	14.7	19.9	20.5
7	18.0	19.3	18.5	18.0	17.1	18.9	18.2	13.4	18.0	18.6
8	14.1	15.3	14.5	14.1	14.1	15.0	14.3	12.3	14.9	14.7
8.1	13.7	14.9	14.1	13.7	13.9	14.6	13.9	12.2	14.5	14.3
9	11.4	12.5	11.8	11.4	12.3	12.2	11.6	11.3	12.1	12.0
10	9.4	10.5	9.8	9.4	10.8	10.2	9.6	10.5	10.1	10.0
11	7.9	8.9	8.3	7.9	9.2	8.7	8.1	9.0	8.6	8.4
11.8	6.9	7.9	7.3	6.9	8.2	7.7	7.1	8.3	7.6	7.4
12	6.7	7.7	7.1	6.7	8.0	7.4	6.9	8.1	7.4	7.2
13	5.7	6.7	6.1	5.8	7.0	6.5	5.9	7.1	6.4	6.2
14	4.9	5.9	5.3	5.0	6.1	5.6	5.1	6.3	5.6	5.4
15	4.3	5.2	4.6	4.3	5.5	5.0	4.5	5.6	4.9	4.7
15.4	4.0	4.9	4.4	4.0	5.2	4.7	4.2	5.3	4.6	4.5
16	3.7	4.6	4.1	3.7	4.9	4.4	3.9	5	4.3	4.2
17	3.2	4.1	3.6	3.2	4.4	3.9	3.4	4.5	3.8	3.7
18	2.8	3.7	3.1	2.8	3.9	3.4	3	4.1	3.4	3.2
19	1.9	3.3	2.7	2.4	3.5	3.1	2.6	3.7	3	2.9
20		3	2.4	2.1	3.2	2.7	2.2	3.3	2.6	2.5
21		2.6	2.1	1.7	2.9	2.4	1.9	3	2.3	2.2
22		2.4	1.8	1.5	2.6	2.1	1.6	2.7	2.1	1.9
22.5		1.7	1.3	1	2.4	2.0	1.5	2.6	1.9	1.8
23					2.3	1.9	1.4	2.5	1.8	1.7
24					2.1	1.6	1.1	2.2	1.6	1.4
25					1.9	1.4	0.9	2	1.4	1.2
26					1.7	1.2	0.8	1.8	1.2	1
26.2					1.3	0.9		1.8	1.2	1.0
27								1.6	1	0.9
28								1.5	0.8	0.7
29								1.0		
29.8								0.9		
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

T 36–50m



	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
7	11.6	14.8	16.1							
8	10.6	13.8	14.6	11.4	11.6	12.1				
8.1	10.4	13.5	14.2	11.3	11.5	12.0				
9	9.7	12.2	11.9	10.7	11.0	11.8	8.9	10.0	7.8	
10	9.0	10.2	9.9	10.0	10.1	10.0	8.9	10.0	7.8	6.4
11	8.0	8.7	8.4	8.9	8.9	8.5	8.1	8.7	7.7	6.4
11.8	7.9	7.7	7.4	8.1	7.9	7.5	7.9	7.7	7.6	6.4
12	7.8	7.5	7.2	7.9	7.6	7.3	7.8	7.4	7.6	6.4
13	7.0	6.5	6.2	6.9	6.6	6.3	6.8	6.5	6.6	5.7
14	6.3	5.7	5.4	6.1	5.8	5.5	6.0	5.6	5.8	4.9
15	5.6	5.0	4.7	5.4	5.1	4.8	5.3	5.0	5.1	4.2
15.4	5.3	4.7	4.4	5.1	4.9	4.5	5.0	4.7	4.8	3.9
16	5.0	4.4	4.1	4.8	4.6	4.2	4.7	4.4	4.5	3.6
17	4.5	3.9	3.6	4.3	4.1	3.7	4.2	3.9	4	3.1
18	4.1	3.5	3.2	3.8	3.6	3.3	3.8	3.4	3.6	2.7
19	3.7	3.1	2.8	3.4	3.2	2.9	3.4	3.1	3.2	2.3
20	3.3	2.7	2.5	3.1	2.9	2.6	3.0	2.7	2.9	2
21	3.0	2.4	2.2	2.8	2.6	2.2	2.7	2.4	2.6	1.7
22	2.7	2.1	1.9	2.5	2.3	2	2.4	2.1	2.3	1.4
22.5	2.6	2.0	1.7	2.3	2.1	1.8	2.3	2.0	2.1	1.2
23	2.5	1.9	1.6	2.2	2	1.7	2.2	1.9	2	1.1
24	2.2	1.6	1.4	2	1.8	1.5	1.9	1.6	1.8	0.9
25	2	1.4	1.2	1.8	1.6	1.3	1.7	1.4	1.6	0.7
26	1.8	1.2	1	1.6	1.4	1.1	1.5	1.2	1.4	
26.2	1.8	1.2	1.0	1.6	1.4	1.1	1.5	1.2	1.4	
27	1.6	1.1	0.8	1.4	1.2	0.9	1.4	1.1	1.2	
28	1.5	0.9	0.7	1.3	1.1	0.8	1.2	0.9	1.1	
29	1.3	0.8		1.1	0.9		1.1	0.8	0.9	
29.8	1.2			1.0	0.8		0.9		0.8	
30	1.2			1	0.8		0.9		0.8	
31	1.1			0.9	0.7		0.8			
32	0.9			0.7			0.7			
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

T 10.7–21.5 m



	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	42.5								
3.5	40.5	38.8	39.4	38.5					
4	37.8	35.8	35.2	35.0	30.7	36.6	34.3		
4.5	34.8	33.1	31.8	32.1	28.9	34.9	31.8	24.1	26.0
5	32.2	29.2	29.7	29.8	26.7	32.5	28.7	22.5	24.4
6	23.2	24.3	23.8	23.3	24.5	23.8	22.9	19.6	21.2
7	17.2	18.2	17.8	17.4	18.4	17.8	17.0	18.5	17.8
8	13.4	14.4	14.0	13.6	14.6	14.0	13.3	15.0	13.9
8.1	12.5	14.0	13.6	13.2	14.2	13.6	12.9	14.6	13.5
9		11.7	11.3	10.9	11.9	11.3	10.7	12.3	11.3
10		9.7	9.4	9	9.9	9.4	8.8	10.3	9.4
11		8.2	7.9	7.5	8.4	7.9	7.3	8.8	7.9
11.8		5.7	5.5	5.2	7.4	6.9	6.3	7.8	6.9
12					7.2	6.7	6.1	7.6	6.7
13					6.3	5.8	5.2	6.6	5.8
14					5.5	5.0	4.4	5.8	5.0
15					3.8	3.4	3.0	5.2	4.3
15.4					3.6	3.2	2.8	4.9	4.1
16								4.6	3.8
17								4.1	3.3
18								3.7	2.8
19								2.6	2.0
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

T 21.5–32.4 m



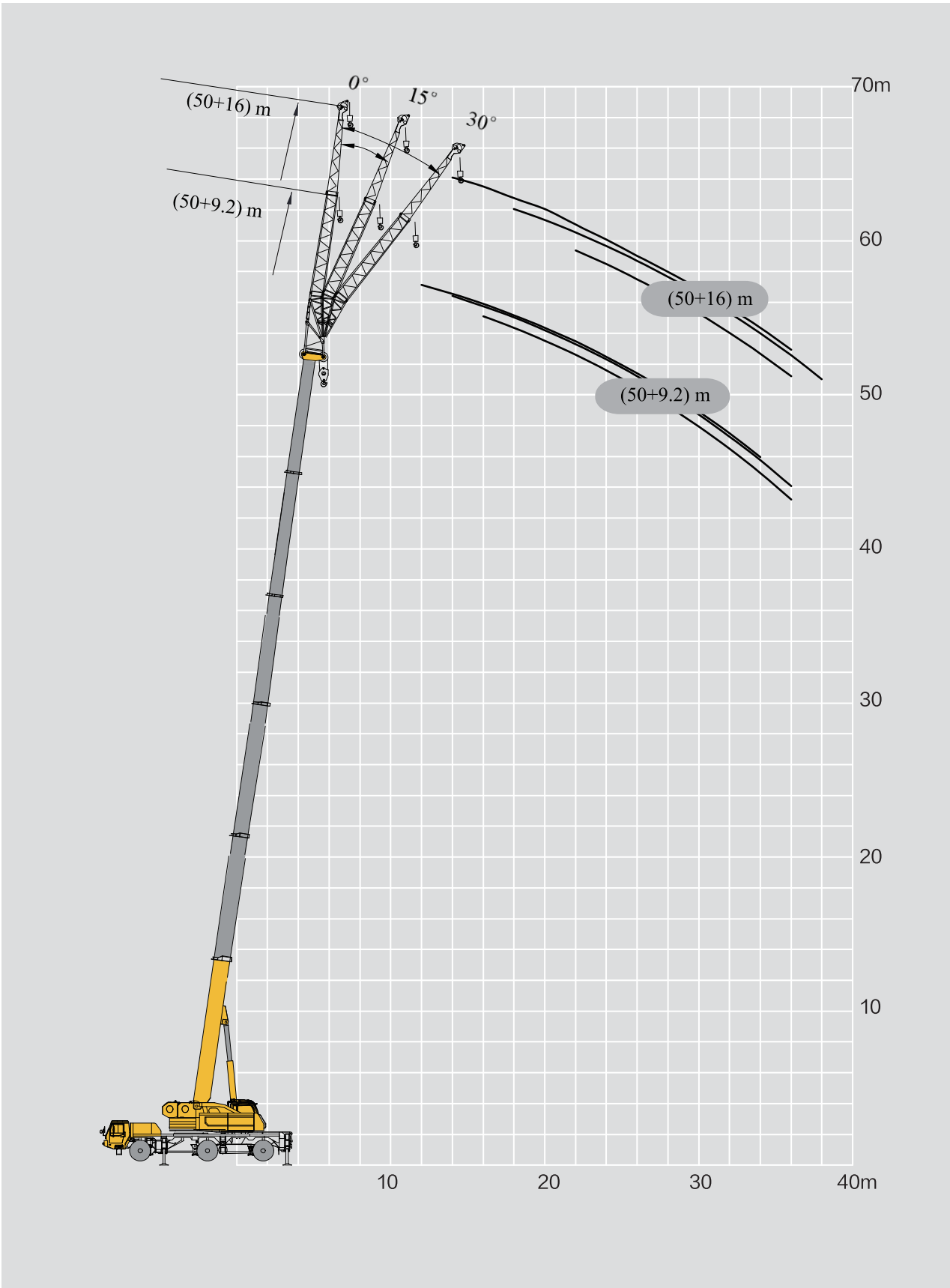
	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	32.8									
5	32.5									
6	23.4	23.6	24.0	22.7	18.4	24.5	22.4	14.7	19.9	20.5
7	17.4	18.8	17.9	17.5	17.1	18.4	17.7	13.4	18.0	18.1
8	13.6	14.9	14.1	13.7	14.1	14.5	13.9	12.3	14.4	14.2
8.1	13.2	14.5	13.7	13.3	13.9	14.1	13.5	12.2	14.0	13.8
9	11.0	12.1	11.4	11.0	12.3	11.8	11.2	11.3	11.8	11.6
10	9.1	10.2	9.5	9.1	10.4	9.9	9.3	10.5	9.8	9.6
11	7.6	8.7	8.0	7.6	8.9	8.4	7.8	9.0	8.3	8.1
11.8	6.6	7.7	7.0	6.7	7.9	7.4	6.8	8.1	7.3	7.2
12	6.4	7.5	6.8	6.5	7.7	7.2	6.6	7.9	7.1	7.0
13	5.5	6.5	5.9	5.5	6.7	6.2	5.7	6.9	6.2	6.0
14	4.7	5.7	5.1	4.8	5.9	5.4	4.9	6.1	5.4	5.2
15	4.1	5.0	4.4	4.1	5.3	4.8	4.3	5.4	4.7	4.6
15.4	3.8	4.8	4.2	3.8	5.0	4.5	4.0	5.1	4.4	4.3
16	3.5	4.5	3.9	3.5	4.7	4.2	3.7	4.8	4.1	4
17	3.0	4	3.4	3.1	4.2	3.7	3.2	4.3	3.7	3.5
18	2.6	3.5	3	2.6	3.8	3.3	2.8	3.9	3.2	3.1
19	1.8	3.1	2.6	2.2	3.4	2.9	2.4	3.5	2.8	2.7
20		2.8	2.2	1.9	3	2.5	2	3.2	2.5	2.3
21		2.5	1.9	1.6	2.7	2.2	1.7	2.9	2.2	2
22		2.2	1.6	1.3	2.4	2	1.5	2.6	1.9	1.8
22.5		1.6	1.2	0.9	2.3	1.8	1.3	2.4	1.8	1.6
23					2.2	1.7	1.2	2.3	1.7	1.5
24					2	1.5	1	2.1	1.4	1.3
25					1.7	1.3	0.8	1.9	1.2	1.1
26					1.6	1.1		1.7	1.1	0.9
26.2					1.2	0.9		1.7	1.1	0.9
27								1.5	0.9	0.7
28								1.4	0.7	
29								0.9		
29.8								0.8		
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

T 36–50m

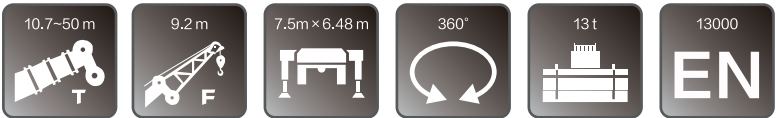


	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
7	11.6	14.8	16.1							
8	10.6	13.8	14.2	11.4	11.6	12.1				
8.1	10.4	13.5	13.8	11.3	11.5	12.0				
9	9.7	11.9	11.5	10.7	11.0	11.6	8.9	10.0	7.8	
10	9.0	9.9	9.6	10.0	10.1	9.7	8.9	9.9	7.8	6.4
11	8.0	8.4	8.1	8.8	8.6	8.2	8.1	8.4	7.7	6.4
11.8	7.9	7.4	7.1	7.8	7.6	7.2	7.6	7.4	7.5	6.4
12	7.8	7.2	6.9	7.6	7.4	7.0	7.5	7.2	7.4	6.4
13	6.9	6.2	6.0	6.7	6.4	6.1	6.6	6.2	6.4	5.4
14	6.1	5.4	5.2	5.9	5.6	5.3	5.8	5.4	5.6	4.7
15	5.4	4.8	4.5	5.2	4.9	4.6	5.1	4.8	4.9	4
15.4	5.1	4.5	4.3	4.9	4.7	4.3	4.8	4.5	4.7	3.8
16	4.8	4.2	4.0	4.6	4.4	4.0	4.5	4.2	4.4	3.5
17	4.3	3.7	3.5	4.1	3.9	3.6	4.0	3.7	3.9	3
18	3.9	3.3	3.0	3.7	3.5	3.1	3.6	3.3	3.4	2.5
19	3.5	2.9	2.6	3.3	3.1	2.7	3.2	2.9	3.1	2.1
20	3.2	2.6	2.3	2.9	2.7	2.4	2.9	2.5	2.7	1.8
21	2.9	2.3	2.0	2.6	2.4	2.1	2.6	2.2	2.4	1.5
22	2.6	2.0	1.7	2.4	2.1	1.8	2.3	2.0	2.1	1.2
22.5	2.4	1.8	1.6	2.2	2.0	1.7	2.1	1.8	2.0	1.1
23	2.3	1.7	1.5	2.1	1.9	1.6	2.0	1.7	1.9	1
24	2.1	1.5	1.3	1.9	1.7	1.3	1.8	1.5	1.7	0.8
25	1.9	1.3	1.1	1.7	1.5	1.1	1.6	1.3	1.5	0.6
26	1.7	1.1	0.9	1.5	1.3	1	1.4	1.1	1.3	
26.2	1.7	1.1	0.9	1.5	1.3	1.0	1.4	1.1	1.3	
27	1.5	1	0.7	1.3	1.1	0.8	1.2	0.9	1.1	
28	1.4	0.8	0.6	1.2	1		1.1	0.8	0.9	
29	1.2	0.7		1	0.8		0.9	0.7	0.8	
29.8	1.1			0.9	0.7		0.8		0.7	
30	1.1			0.9	0.7		0.8		0.7	
31	1			0.8			0.7			
32	0.9									
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

Jib



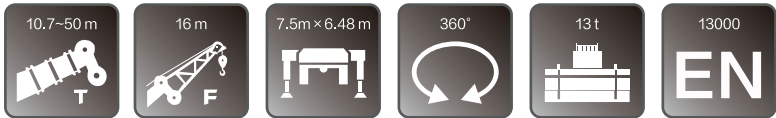
J 9.2m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
3	4.5								
3.5	4.5								
4	4.5								
4.5	4.5	4.5							
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	4.5	3.6						
9	4.5	4.5	3.2	4.5					
10	4.5	4.5	3.0	4.5	4.5		4.5		
12	4.5	4.4	2.9	4.5	4.5	2.7	4.5	4.5	
14	4.5	4.1	2.8	4.5	4.2	2.6	4.5	4.2	2.6
16		3.8	2.5	4.5	3.9	2.5	4.5	3.9	2.5
18				4.5	3.7	2.3	4.0	3.7	2.4
20				4.0	3.4	2.2	3.5	3.4	2.2
22				3.7	3.3	2.1	3.1	3.0	2.1
24				3.3	3.1	2.0	2.7	2.6	2.0
26				2.9	2.8	2.0	2.4	2.5	2.0
28				2.5	2.6	1.9	2.2	2.1	1.9
30				2.2	2.3	1.8	1.9	1.9	1.9
32				1.8	1.9	1.8	1.8	1.7	1.7
34				1.5	1.6	1.7	1.4	1.6	1.4
36				1.2	1.3	1.4	1.2	1.3	1.3
38				1.0	1.1	1.1	1.0	1.1	1.1
40							0.8	0.8	0.9
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
10	4.5								
12	4.5	4.5		4.0			2.9		
14	4.5	4.3	2.6	4.0	4.3		2.8	2.9	
16	4.1	3.9	2.5	3.7	3.6	2.4	2.8	2.9	2.5
18	3.5	3.5	2.4	3.2	3.0	2.3	2.8	2.8	2.3
20	3.1	3.1	2.3	2.9	2.7	2.2	2.6	2.5	2.2
22	2.7	2.7	2.2	2.5	2.4	2.2	2.3	2.2	2.1
24	2.3	2.3	2.0	2.2	2.2	2.1	2.0	2.0	1.9
26	2.2	2.1	2.0	1.9	2.0	1.9	1.8	1.8	1.8
28	1.8	1.9	1.9	1.7	1.8	1.8	1.6	1.6	1.6
30	1.7	1.7	1.6	1.6	1.5	1.5	1.3	1.4	1.4
32	1.5	1.5	1.4	1.4	1.3	1.3	1.2	1.2	1.2
34	1.3	1.3	1.2	1.3	1.1	1.1	0.9	1.1	1.1
36	1.1	1.2	1.2	1.1	1.1	1.1		0.8	0.9
38	1.0	1.0	1.0	0.9	1.0	1.0			
40	0.7	0.7	0.7	0.7	0.7	0.7			
Code	22221			22222			33333		

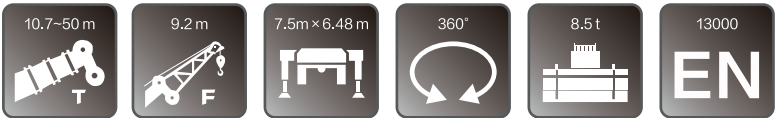
J 16m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
4	4.5								
4.5	4.5								
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	2.9	3.6	4.5					
9	4.0	2.8	3.2	4.5					
10	3.7	2.6	3.0	4.5					
12	3.2	2.4	1.2	4.5			4.5		
14	2.8	2.1	1.0	4.2	2.6		4.2		
16	2.5	1.9	1.0	3.8	2.5		3.9	2.4	
18	2.3	1.7	1.0	3.5	2.4	1.3	3.5	2.3	
20	2.1	1.6	0.9	3.3	2.1	1.1	3.2	2.2	1.2
22		1.4	0.7	3.1	2.0	1.1	2.7	2.0	1.1
24				2.8	1.9	1.1	2.4	1.9	1.1
26				2.6	1.8	1.0	2.2	1.8	1.0
28				2.4	1.7	0.9	2.0	1.7	1.0
30				2.1	1.6	0.9	1.8	1.6	0.9
32				1.9	1.4	0.9	1.5	1.6	0.9
34				1.8	1.4	0.9	1.3	1.4	0.9
36				1.5	1.3	0.9	1.2	1.4	0.9
38				1.3	1.3	0.9	1.0	1.2	0.9
40				1.0	1.2		1.0	1.1	0.9
42				0.8	1.0		0.8	0.9	
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
12	3.8								
14	3.8			3.0			2.1		
16	3.7	2.4		3.0			2.1		
18	3.2	2.3		2.9	2.4		2.1	2.1	
20	2.8	2.2	1.1	2.5	2.3	1.2	2.0	2.1	
22	2.4	2.1	1.1	2.2	2.1	1.1	2.0	2.1	1.2
24	2.1	2.0	1.1	2.0	2.0	1.1	1.9	2.0	1.1
26	1.9	1.8	1.1	1.8	1.9	1.1	1.5	1.8	1.0
28	1.6	1.7	1.0	1.5	1.7	1.0	1.3	1.5	0.9
30	1.5	1.6	0.9	1.3	1.6	0.9	1.1	1.3	0.9
32	1.3	1.5	0.9	1.1	1.3	0.9	1.0	1.1	0.9
34	1.1	1.3	0.9	1.0	1.1	0.9	0.9	1.0	0.9
36	1.0	1.2	0.9	0.9	1.0	0.9	0.9	0.9	0.8
38	0.9	1.0	0.8	0.9	1.0	0.8		0.8	
40	0.9	0.9	0.7	0.7	0.9	0.7			
42	0.7	0.8			0.7				
Code	22221			22222			33333		

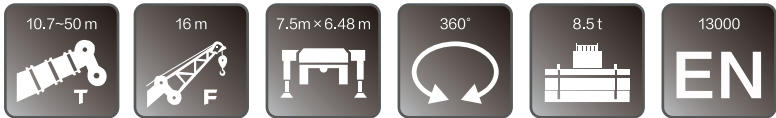
J 9.2m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
3	4.5								
3.5	4.5								
4	4.5								
4.5	4.5	4.5							
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	4.5	3.6						
9	4.5	4.5	3.2	4.5					
10	4.5	4.5	3.0	4.5	4.5		4.5		
12	4.5	4.4	2.9	4.5	4.5	2.7	4.5	4.5	
14	4.5	4.1	2.8	4.5	4.2	2.6	4.5	4.2	2.6
16		3.8	2.5	4.5	3.9	2.5	4.5	3.9	2.5
18				4.5	3.7	2.3	4.0	3.7	2.4
20				4.0	3.4	2.2	3.5	3.4	2.2
22				3.4	3.3	2.1	3.1	3.0	2.1
24				2.8	3.0	2.0	2.7	2.6	2.0
26				2.2	2.4	2.0	2.3	2.5	2.0
28				1.8	2.0	1.9	1.8	2.0	1.9
30				1.4	1.6	1.7	1.4	1.6	1.7
32				1.1	1.2	1.3	1.1	1.3	1.4
34				0.8	0.9	1.0	0.9	1.0	1.0
36									0.8
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
10	4.5								
12	4.5	4.5		4.0			2.9		
14	4.5	4.3	2.6	4.0	4.3		2.8	2.9	
16	4.1	3.9	2.5	3.7	3.6	2.4	2.8	2.9	2.5
18	3.5	3.5	2.4	3.2	3.0	2.3	2.8	2.8	2.3
20	3.1	3.1	2.3	2.9	2.7	2.2	2.6	2.5	2.2
22	2.7	2.7	2.2	2.5	2.4	2.2	2.3	2.2	2.1
24	2.3	2.3	2.0	2.2	2.2	2.1	2.0	2.0	1.9
26	2.2	2.1	2.0	1.9	2.0	1.9	1.6	1.8	1.8
28	1.8	1.9	1.9	1.7	1.8	1.8	1.2	1.4	1.6
30	1.5	1.7	1.6	1.6	1.5	1.5	0.8	1.0	1.2
32	1.2	1.3	1.4	1.3	1.3	1.3			0.9
34	0.9	1.1	1.1	1.0	1.1	1.1			
36		0.8	0.9	0.8	0.9	1.0			
Code	22221			22222			33333		

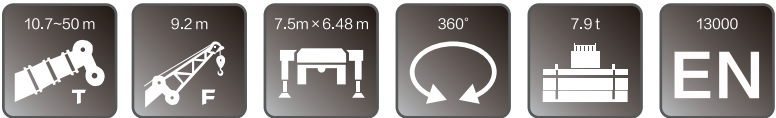
J 16m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
4	4.5								
4.5	4.5								
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	2.9	3.6	4.5					
9	4.0	2.8	3.2	4.5					
10	3.7	2.6	3.0	4.5					
12	3.2	2.4	1.2	4.5			4.5		
14	2.8	2.1	1.0	4.2	2.6		4.2		
16	2.5	1.9	1.0	3.8	2.5		3.9	2.4	
18	2.3	1.7	1.0	3.5	2.4	1.3	3.5	2.3	
20	2.1	1.6	0.9	3.3	2.1	1.1	3.2	2.2	1.2
22		1.4	0.7	3.1	2.0	1.1	2.7	2.0	1.0
24				2.8	1.9	1.1	2.4	1.9	1.1
26				2.4	1.8	1.0	2.2	1.8	1.0
28				2.0	1.7	0.9	2.0	1.7	1.0
30				1.6	1.6	0.9	1.6	1.6	0.9
32				1.3	1.4	0.9	1.3	1.6	0.9
34				1.1	1.3	0.9	1.0	1.3	0.9
36				0.8	1.0	0.9	0.8	1.0	0.9
38					0.8	0.9			0.9
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
12	3.8								
14	3.8			3.0			2.1		
16	3.7	2.4		3.0			2.1		
18	3.2	2.3		2.9	2.4		2.1	2.1	
20	2.8	2.2	1.1	2.5	2.3	1.2	2.0	2.1	
22	2.4	2.1	1.1	2.2	2.1	1.1	2.0	2.1	1.2
24	2.1	2.0	1.1	2.0	2.0	1.1	1.9	2.0	1.1
26	1.9	1.8	1.1	1.8	1.9	1.1	1.5	1.8	1.0
28	1.6	1.7	1.1	1.5	1.7	1.0	1.3	1.5	0.9
30	1.5	1.6	1.0	1.3	1.6	0.9	1.0	1.3	0.9
32	1.3	1.5	1.0	1.1	1.3	0.9		1.0	0.9
34	1.1	1.3	0.9	1.0	1.1	0.9			0.9
36	0.8	1.0	0.9	0.9	1.0	0.9			
38		0.8	0.9		0.9	0.8			
40						0.7			
Code	22221			22222			33333		

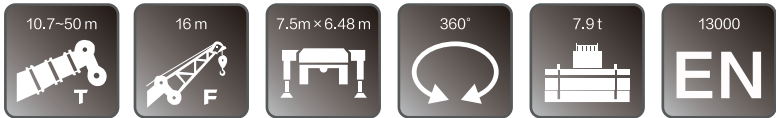
J 9.2m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
3	4.5								
3.5	4.5								
4	4.5								
4.5	4.5	4.5							
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	4.5	3.6						
9	4.5	4.5	3.2	4.5					
10	4.5	4.5	3.0	4.5	4.5		4.5		
12	4.5	4.4	2.9	4.5	4.5	2.7	4.5	4.5	
14	4.5	4.1	2.8	4.5	4.2	2.6	4.5	4.2	2.6
16		3.8	2.5	4.5	3.9	2.5	4.5	3.9	2.5
18				4.5	3.7	2.3	4.0	3.7	2.4
20				4.0	3.4	2.2	3.5	3.4	2.2
22				3.3	3.3	2.1	3.1	3.0	2.1
24				2.6	2.9	2.0	2.6	2.6	2.0
26				2.1	2.3	2.0	2.1	2.3	2.0
28				1.7	1.9	1.9	1.7	1.9	1.9
30				1.3	1.5	1.6	1.3	1.5	1.6
32				1.0	1.1	1.2	1.0	1.2	1.3
34				0.8	0.9	0.9	0.8	0.9	1.0
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
10	4.5								
12	4.5	4.5		4.0			2.9		
14	4.5	4.3	2.6	4.0	4.3		2.8	2.9	
16	4.1	3.9	2.5	3.7	3.6	2.4	2.8	2.9	2.5
18	3.5	3.5	2.4	3.2	3.0	2.3	2.8	2.8	2.3
20	3.1	3.1	2.3	2.9	2.7	2.2	2.6	2.5	2.2
22	2.7	2.7	2.2	2.5	2.4	2.2	2.3	2.2	2.1
24	2.3	2.3	2.0	2.2	2.2	2.1	2.0	2.0	1.9
26	2.2	2.1	2.0	1.9	2.0	1.9	1.5	1.8	1.8
28	1.8	1.9	1.9	1.7	1.8	1.8	1.1	1.3	1.5
30	1.4	1.6	1.6	1.5	1.5	1.5		0.9	1.1
32	1.1	1.2	1.4	1.2	1.3	1.3			0.8
34	0.8	1.0	1.1	0.9	1.0	1.1			
36			0.8		0.8	0.9			
Code	22221			22222			33333		

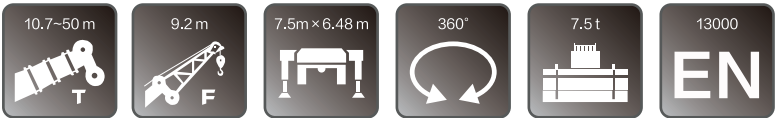
J 16m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
4	4.5								
4.5	4.5								
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	2.9	3.6	4.5					
9	4.0	2.8	3.2	4.5					
10	3.7	2.6	3.0	4.5					
12	3.2	2.4	1.2	4.5			4.5		
14	2.8	2.1	1.0	4.2	2.6		4.2		
16	2.5	1.9	1.0	3.8	2.5		3.9	2.4	
18	2.3	1.7	1.0	3.5	2.4	1.3	3.5	2.3	
20	2.1	1.6	0.9	3.3	2.1	1.1	3.2	2.2	1.2
22		1.4	0.7	3.1	2.0	1.1	2.7	2.0	1.0
24				2.8	1.9	1.1	2.4	1.9	1.1
26				2.3	1.8	1.0	2.2	1.8	1.0
28				1.9	1.7	0.9	1.9	1.7	1.0
30				1.5	1.6	0.9	1.5	1.6	0.9
32				1.2	1.4	0.9	1.2	1.5	0.9
34				1.0	1.2	0.9	0.9	1.2	0.9
36					0.9	0.9		0.9	0.9
38						0.8			0.8
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
12	3.8								
14	3.8			3.0			2.1		
16	3.7	2.4		3.0			2.1		
18	3.2	2.3		2.9	2.4		2.1	2.1	
20	2.8	2.2	1.1	2.5	2.3	1.2	2.0	2.1	
22	2.4	2.1	1.1	2.2	2.1	1.1	2.0	2.1	1.2
24	2.1	2.0	1.1	2.0	2.0	1.1	1.9	2.0	1.1
26	1.9	1.8	1.1	1.8	1.9	1.1	1.5	1.8	1.0
28	1.6	1.7	1.1	1.5	1.7	1.0	1.3	1.5	0.9
30	1.5	1.6	1.0	1.3	1.6	0.9	0.9	1.3	0.9
32	1.3	1.5	0.9	1.1	1.3	0.9		0.9	0.9
34	1.0	1.2	0.9	1.0	1.1	0.9			0.9
36	0.8	1.0	0.9	0.8	1.0	0.9			
38			0.8		0.8	0.8			
40						0.7			
Code	22221			22222			33333		

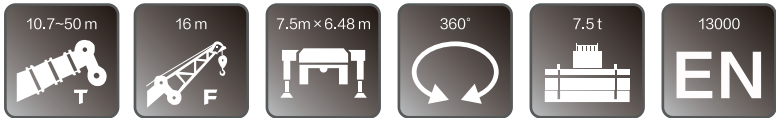
J 9.2m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
3	4.5								
3.5	4.5								
4	4.5								
4.5	4.5	4.5							
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	4.5	3.6						
9	4.5	4.5	3.2	4.5					
10	4.5	4.5	3.0	4.5	4.5		4.5		
12	4.5	4.4	2.9	4.5	4.5	2.7	4.5	4.5	
14	4.5	4.1	2.8	4.5	4.2	2.6	4.5	4.2	2.6
16		3.8	2.5	4.5	3.9	2.5	4.5	3.9	2.5
18				4.5	3.7	2.3	4.0	3.7	2.4
20				3.9	3.4	2.2	3.5	3.4	2.2
22				3.2	3.3	2.1	3.1	3.0	2.1
24				2.5	2.8	2.0	2.6	2.6	2.0
26				2.0	2.2	2.0	2.1	2.2	2.0
28				1.6	1.8	1.9	1.6	1.8	1.9
30				1.3	1.4	1.5	1.3	1.4	1.5
32				1.0	1.1	1.2	1.0	1.1	1.2
34					0.8	0.9		0.8	0.9
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
10	4.5								
12	4.5	4.5		4.0			2.9		
14	4.5	4.3	2.6	4.0	4.3		2.8	2.9	
16	4.1	3.9	2.5	3.7	3.6	2.4	2.8	2.9	2.5
18	3.5	3.5	2.4	3.2	3.0	2.3	2.8	2.8	2.3
20	3.1	3.1	2.3	2.9	2.7	2.2	2.6	2.5	2.2
22	2.7	2.7	2.2	2.5	2.4	2.2	2.3	2.2	2.1
24	2.3	2.3	2.0	2.2	2.2	2.1	1.9	2.0	1.9
26	2.1	2.1	2.0	1.9	2.0	1.9	1.4	1.7	1.8
28	1.7	1.9	1.9	1.7	1.8	1.8	1.0	1.2	1.4
30	1.4	1.5	1.6	1.4	1.5	1.5		0.9	1.0
32	1.0	1.2	1.3	1.1	1.3	1.3			
34	0.8	0.9	1.0	0.9	1.0	1.1			
36						0.8			
Code	22221			22222			33333		

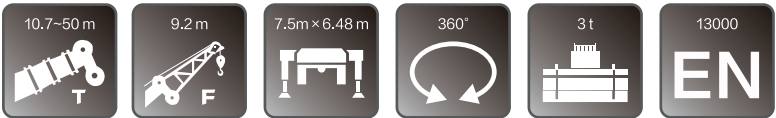
J 16m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
4	4.5								
4.5	4.5								
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	2.9	3.6	4.5					
9	4.0	2.8	3.2	4.5					
10	3.7	2.6	3.0	4.5					
12	3.2	2.4	1.2	4.5			4.5		
14	2.8	2.1	1.0	4.2	2.6		4.2		
16	2.5	1.9	1.0	3.8	2.5		3.9	2.4	
18	2.3	1.7	1.0	3.5	2.4	1.3	3.5	2.3	
20	2.1	1.6	0.9	3.3	2.1	1.1	3.2	2.2	1.2
22		1.4	0.7	3.1	2.0	1.1	2.7	2.0	1.0
24				2.7	1.9	1.1	2.4	1.9	1.1
26				2.2	1.8	1.0	2.2	1.8	1.0
28				1.8	1.7	0.9	1.8	1.7	1.0
30				1.5	1.6	0.9	1.5	1.6	0.9
32				1.2	1.4	0.9	1.2	1.4	0.9
34				0.9	1.1	0.9	0.9	1.1	0.9
36					0.9	0.9		0.9	0.9
38						0.8			0.8
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
12	3.8								
14	3.8			3.0			2.1		
16	3.7	2.4		3.0			2.1		
18	3.2	2.3		2.9	2.4		2.1	2.1	
20	2.8	2.2	1.1	2.5	2.3	1.2	2.0	2.1	
22	2.4	2.1	1.1	2.2	2.1	1.1	2.0	2.1	1.2
24	2.1	2.0	1.1	2.0	2.0	1.1	1.9	2.0	1.1
26	1.9	1.8	1.1	1.8	1.9	1.1	1.5	1.8	1.0
28	1.6	1.7	1.1	1.5	1.7	1.0	1.2	1.5	0.9
30	1.5	1.6	1.0	1.3	1.6	0.9	0.9	1.2	0.9
32	1.2	1.5	0.9	1.1	1.3	0.9		0.9	0.9
34	0.9	1.2	0.9	1.0	1.1	0.9			0.9
36		0.9	0.9	0.8	1.0	0.9			
38			0.8			0.8			
Code	22221			22222			33333		

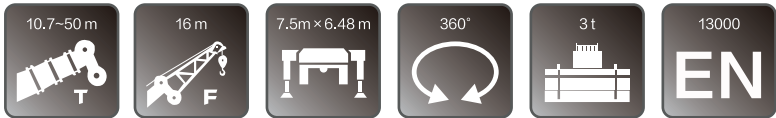
J 9.2m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
3	4.5								
3.5	4.5								
4	4.5								
4.5	4.5	4.5							
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	4.5	3.6						
9	4.5	4.5	3.2	4.5					
10	4.5	4.5	3.0	4.5	4.5		4.5		
12	4.5	4.4	2.9	4.5	4.5	2.7	4.5	4.5	
14	4.5	4.1	2.8	4.5	4.2	2.6	4.5	4.2	2.6
16		3.8	2.5	4.5	3.9	2.5	4.5	3.9	2.5
18				3.5	3.7	2.3	3.5	3.7	2.4
20				2.7	3.0	2.2	2.7	3.0	2.2
22				2.0	2.3	2.1	2.1	2.3	2.1
24				1.5	1.8	1.9	1.6	1.8	2.0
26				1.1	1.3	1.5	1.1	1.3	1.5
28				0.8	1.0	1.1	0.8	1.0	1.1
30									0.8
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
10	4.5								
12	4.5	4.5		4.0			2.9		
14	4.5	4.3	2.6	4.0	4.3		2.8	2.9	
16	4.1	3.9	2.5	3.7	3.6	2.4	2.8	2.9	2.5
18	3.5	3.5	2.4	3.2	3.0	2.3	2.8	2.8	2.3
20	2.8	3.1	2.3	2.9	2.7	2.2	2.0	2.4	2.2
22	2.1	2.4	2.2	2.2	2.4	2.2	1.4	1.7	2.0
24	1.6	1.9	2.0	1.7	1.9	2.1	0.9	1.2	1.4
26	1.2	1.4	1.6	1.3	1.5	1.7		0.8	1.0
28	0.9	1.0	1.2	1.0	1.1	1.3			
30			0.9		0.8	0.9			
Code	22221			22222			33333		

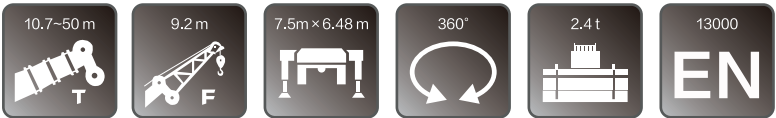
J 16m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
4	4.5								
4.5	4.5								
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	2.9	3.6	4.5					
9	4.0	2.8	3.2	4.5					
10	3.7	2.6	3.0	4.5					
12	3.2	2.4	1.2	4.5			4.5		
14	2.8	2.1	1.0	4.2	2.6		4.2		
16	2.5	1.9	1.0	3.8	2.5		3.9	2.4	
18	2.3	1.7	1.0	3.5	2.4	1.3	3.5	2.3	
20	2.1	1.6	0.9	3.0	2.1	1.1	2.9	2.2	1.2
22		1.4	0.7	2.4	2.0	1.1	2.3	2.0	1.0
24				1.9	1.9	1.1	1.8	1.9	1.1
26				1.5	1.8	1.0	1.4	1.8	1.0
28				1.1	1.4	0.9	1.1	1.4	1.0
30				0.8	1.1	0.9	0.8	1.1	0.9
32					0.8	0.9		0.8	0.9
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
12	3.8								
14	3.8			3.0			2.1		
16	3.7	2.4		3.0			2.1		
18	3.2	2.3		2.9	2.4		2.1	2.1	
20	2.8	2.2	1.1	2.5	2.3	1.2	2.0	2.1	
22	2.4	2.1	1.1	2.2	2.1	1.1	1.7	2.1	1.2
24	1.9	2.0	1.1	1.9	2.0	1.1	1.2	1.7	1.1
26	1.5	1.8	1.1	1.5	1.9	1.1	0.8	1.2	1.0
28	1.1	1.4	1.1	1.2	1.5	1.0		0.9	0.9
30	0.8	1.1	1.0	0.9	1.2	0.9			0.8
32		0.8	0.9		0.9	0.9			
34			0.8			0.8			
Code	22221			22222			33333		

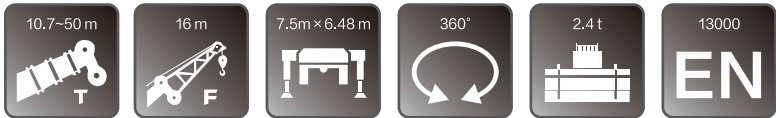
J 9.2m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
3	4.5								
3.5	4.5								
4	4.5								
4.5	4.5	4.5							
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	4.5	3.6						
9	4.5	4.5	3.2	4.5					
10	4.5	4.5	3.0	4.5	4.5		4.5		
12	4.5	4.4	2.9	4.5	4.5	2.7	4.5	4.5	
14	4.5	4.1	2.8	4.5	4.2	2.6	4.5	4.2	2.6
16		3.8	2.5	4.3	3.9	2.5	4.3	3.9	2.5
18				3.3	3.6	2.3	3.3	3.6	2.4
20				2.5	2.8	2.2	2.5	2.8	2.2
22				1.9	2.2	2.1	1.9	2.2	2.1
24				1.4	1.6	1.8	1.4	1.6	1.8
26				1.0	1.2	1.3	1.0	1.2	1.4
28					0.8	1.0		0.9	1.0
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
10	4.5								
12	4.5	4.5		4.0			2.9		
14	4.5	4.3	2.6	4.0	4.3		2.8	2.9	
16	4.1	3.9	2.5	3.7	3.6	2.4	2.8	2.9	2.5
18	3.4	3.5	2.4	3.2	3.0	2.3	2.6	2.8	2.3
20	2.6	2.9	2.3	2.7	2.7	2.2	1.8	2.2	2.2
22	2.0	2.2	2.2	2.1	2.3	2.2	1.3	1.6	1.9
24	1.5	1.7	1.9	1.6	1.8	2.0	0.8	1.1	1.3
26	1.1	1.3	1.5	1.2	1.4	1.6			0.9
28	0.8	0.9	1.1	0.8	1.0	1.2			
30			0.8			0.8			
Code	22221			22222			33333		

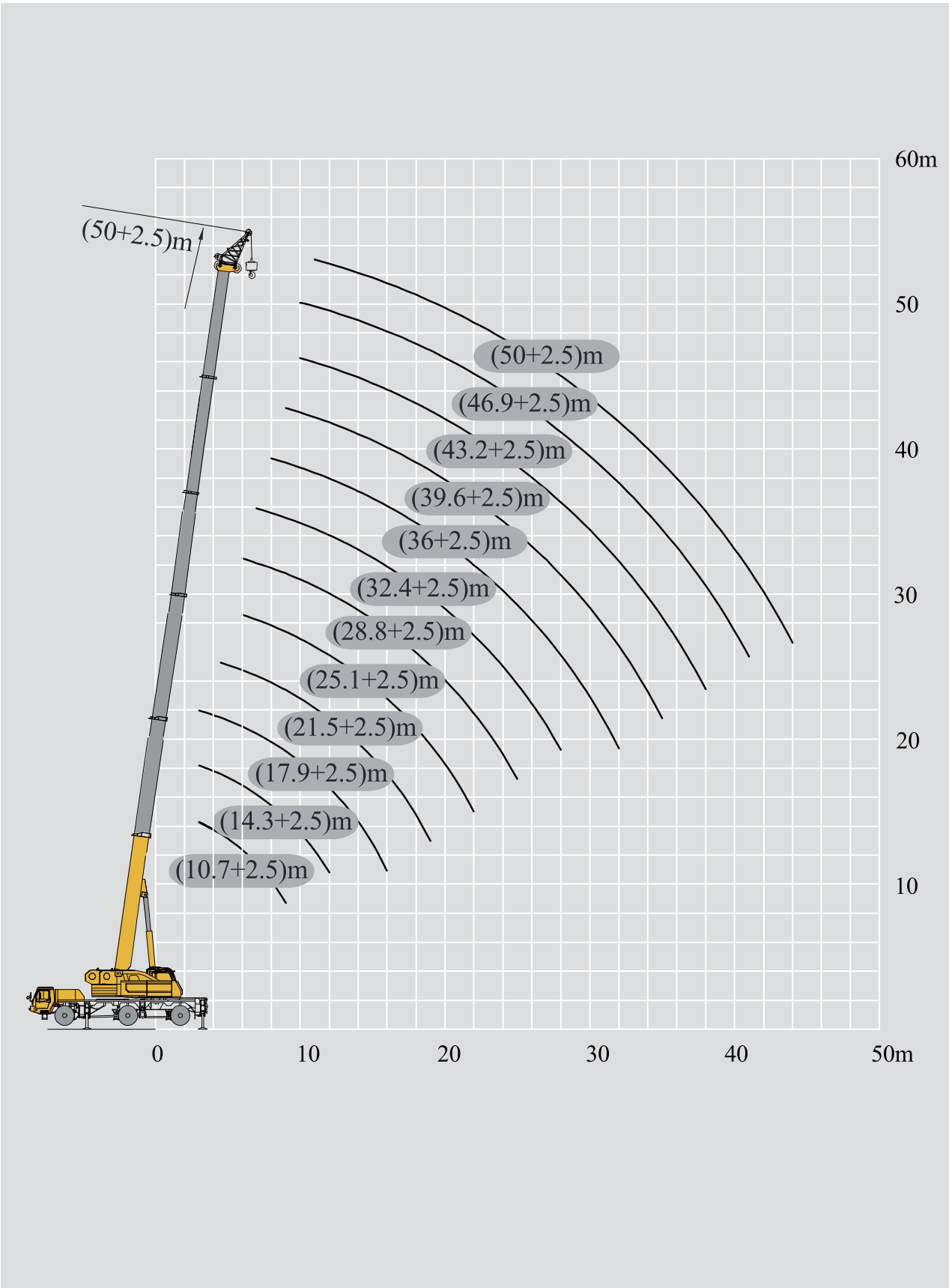
J 16m



	10.7 m			36 m			39.6 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
4	4.5								
4.5	4.5								
5	4.5	4.5							
6	4.5	4.5	4.5						
7	4.5	4.5	4.1						
8	4.5	2.9	3.6	4.5					
9	4.0	2.8	3.2	4.5					
10	3.7	2.6	3.0	4.5					
12	3.2	2.4	1.2	4.5			4.5		
14	2.8	2.1	1.0	4.2	2.6		4.2		
16	2.5	1.9	1.0	3.8	2.5		3.9	2.4	
18	2.3	1.7	1.0	3.5	2.4	1.3	3.5	2.3	
20	2.1	1.6	0.9	2.8	2.1	1.1	2.8	2.2	1.2
22		1.4	0.7	2.2	2.0	1.1	2.2	2.0	1.0
24				1.7	1.9	1.1	1.7	1.9	1.1
26				1.3	1.7	1.0	1.3	1.7	1.0
28				1.0	1.3	0.9	1.0	1.3	1.0
30					1.0	0.9		1.0	0.9
32						0.9			0.9
Code	00000			22111			22211		

	43.2 m			46.9 m			50 m		
	0°	15°	30°	0°	15°	30°	0°	15°	30°
12	3.8								
14	3.8			3.0			2.1		
16	3.7	2.4		3.0			2.1		
18	3.2	2.3		2.9	2.4		2.1	2.1	
20	2.8	2.2	1.1	2.5	2.3	1.2	2.0	2.1	
22	2.2	2.1	1.1	2.2	2.1	1.1	1.5	2.1	1.2
24	1.8	2.0	1.1	1.8	2.0	1.1	1.1	1.6	1.1
26	1.3	1.7	1.1	1.4	1.8	1.1		1.1	1.0
28	1.0	1.3	1.1	1.1	1.4	1.0			0.9
30		1.0	1.0	0.8	1.1	0.9			
32			0.9		0.8	0.9			
34						0.8			
Code	22221			22222			33333		

Independent jib head



I 10.7–21.5 m

10.7–21.5 m

7.5m × 6.48 m

360°

13 t

2.5 m

13000

EN

	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	17.7	17.7	17.7	17.7	17.7	17.7	17.7		
3.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7		
4	17.7	17.7	17.7	17.7	17.7	17.7	17.7		
4.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
7	15.6	17.7	17.7	17.7	17.7	17.7	17.7	17.3	17.7
8	13.3	17.7	17.7	17.7	17.7	17.7	17.7	15.8	17.7
9	11.5	16.9	16.6	16.3	17.5	17.5	17.5	14.5	16.9
10		14.6	14.3	14.0	16.0	15.5	14.9	13.5	15.4
11		12.5	12.2	11.9	13.7	13.3	12.8	12.2	13.2
12		11.7	11.4	11.1	12.0	11.6	11.1	11.6	11.5
13					10.6	10.2	9.7	10.7	10.1
14					9.4	9.0	8.5	9.7	8.9
15					8.4	8.0	7.6	8.7	7.9
16					7.6	7.2	6.7	7.8	7.1
17								7.1	6.4
18								6.5	5.8
19								5.9	5.2
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

I 21.5–32.4 m



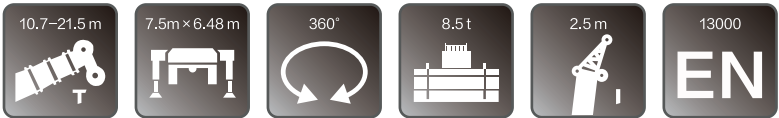
	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	17.7									
5	17.7									
6	17.7	17.7	17.7	17.7	13.9	17.7	17.7			
7	17.7	17.7	17.7	17.7	12.7	17.4	16.1	9.9	13.5	14.1
8	17.7	16.1	17.7	15.8	11.4	15.9	14.5	9.0	12.2	12.8
9	17.7	14.9	17.7	14.4	10.5	14.6	13.0	8.2	11.1	11.6
10	15.1	13.8	15.4	13.1	9.7	13.4	11.8	7.6	10.1	10.5
11	12.9	12.4	13.2	11.7	8.8	12.0	10.6	6.8	9.1	9.5
12	11.2	11.8	11.5	11.1	8.4	11.5	10.1	6.5	8.7	9.0
13	9.8	10.7	10.1	9.8	7.7	10.4	9.0	5.9	7.8	8.1
14	8.7	9.5	9.0	8.6	7.4	9.2	8.6	5.6	7.5	7.7
15	7.7	8.5	8.0	7.7	6.7	8.2	7.8	5.2	6.7	7.0
16	6.9	7.7	7.2	6.9	6.5	7.4	6.9	5.0	6.4	6.7
17	6.2	7.0	6.4	6.1	6.0	6.7	6.2	4.6	5.9	6.1
18	5.6	6.3	5.8	5.5	5.8	6.1	5.6	4.4	5.7	5.8
19	5.0	5.8	5.3	5.0	5.4	5.5	5.1	4.0	5.2	5.3
20		5.3	4.8	4.5	5.2	5.0	4.6	3.9	4.9	4.8
21		4.9	4.4	4.1	4.9	4.6	4.2	3.6	4.5	4.4
22		4.5	4.0	3.7	4.6	4.2	3.8	3.5	4.1	4.0
23					4.3	3.9	3.4	3.3	3.8	3.6
24					3.9	3.5	3.1	3.2	3.5	3.3
25					3.7	3.2	2.8	3.0	3.2	3.0
26								2.8	2.9	2.8
27								2.7	2.7	2.5
28								2.6	2.4	2.3
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

I 36–50m



	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
8	7.7	10.0	10.5							
9	6.9	9.1	9.5	7.6	7.7	8.2				
10	6.3	8.3	8.7	6.9	7.1	7.4	6.3	6.6	5.1	
11	5.7	7.4	7.7	6.2	6.2	6.6	5.6	5.8	5.0	3.4
12	5.4	7.0	7.2	5.9	5.9	6.2	5.3	5.4	5.0	3.4
13	4.9	6.3	6.5	5.3	5.3	5.5	4.7	4.9	4.5	3.4
14	4.7	6.0	6.1	5.0	5.0	5.2	4.5	4.7	4.2	3.4
15	4.2	5.4	5.5	4.7	4.6	4.7	4.0	4.2	3.8	3.2
16	4.0	5.2	5.2	4.5	4.4	4.5	3.9	3.9	3.6	3.2
17	3.7	4.7	4.8	4.1	4.0	4.0	3.5	3.5	3.2	2.9
18	3.6	4.5	4.6	3.9	3.8	3.9	3.3	3.3	3.0	2.8
19	3.3	4.1	4.2	3.6	3.5	3.5	3.1	3.0	2.8	2.5
20	3.2	4.0	4.0	3.5	3.3	3.3	3.0	2.9	2.7	2.3
21	2.9	3.6	3.7	3.2	3.0	3.0	2.7	2.7	2.4	2.1
22	2.8	3.5	3.5	3.0	2.9	2.9	2.6	2.5	2.3	1.9
23	2.6	3.2	3.2	2.8	2.7	2.6	2.3	2.3	2.0	1.8
24	2.5	3.1	3.0	2.7	2.5	2.5	2.2	2.1	1.9	1.8
25	2.3	2.8	2.8	2.5	2.3	2.2	2.0	1.9	1.8	1.6
26	2.2	2.7	2.7	2.4	2.2	2.1	2.0	1.8	1.8	1.5
27	2.0	2.5	2.4	2.3	2.0	1.9	1.9	1.7	1.5	1.3
28	2.0	2.4	2.3	2.2	2.0	1.8	1.8	1.6	1.4	1.3
29	1.8	2.2	2.1	2.0	1.8	1.7	1.6	1.4	1.3	1.2
30	1.8	2.1	1.9	2.0	1.7	1.6	1.5	1.3	1.2	1.1
31	1.2	1.5	1.4	1.8	1.5	1.4	1.3	1.2	1.1	0.9
32	1.0	1.2	1.1	1.7	1.5	1.3	1.3	1.2	1.1	0.9
33				1.3	1.1	1.0	1.2	1.1	1.0	0.8
34				1.2	1.0	0.8	1.1	1.0	0.9	0.7
35							0.8	0.7	0.9	
36							0.7	0.6	0.8	
37									0.7	
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

I 10.7–21.5 m



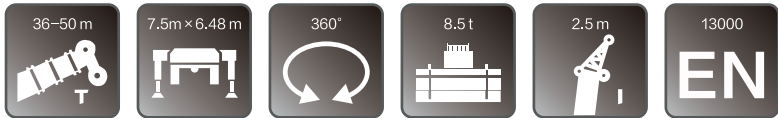
	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	42.5								
3.5	40.5	38.8	40.1	38.5					
4	37.8	35.8	35.2	35.0	30.7	36.6	34.3		
4.5	34.8	33.1	31.8	32.1	28.9	34.9	31.8	24.1	26.0
5	32.2	29.2	29.7	29.8	26.7	32.5	28.7	22.5	24.4
6	27.3	27.3	27.0	26.5	26.1	27.0	26.5	19.6	21.2
7	22.5	22.8	21.5	21.0	23.2	22.5	22.0	18.5	19.7
8	17.5	18.9	18.5	18.1	19.1	18.5	17.8	18.4	18.5
8.1	17.0	18.4	18.0	17.6	18.6	18.0	17.3	18.1	18.0
9		15.5	15.2	14.8	15.7	15.1	14.5	16.2	15.1
10		13.1	12.7	11.6	13.2	12.4	11.3	13.7	12.4
11		11.2	10.8	10.3	11.4	10.8	10.2	11.7	10.8
11.8		7.9	7.6	7.4	10.2	9.6	9.1	10.5	9.6
12					9.9	9.3	8.8	10.2	9.3
13					8.6	8.1	7.6	9.0	8.1
14					7.6	7.1	6.6	8.0	7.1
15					5.3	4.9	4.4	7.2	6.3
15.4					4.9	4.5	4.2	6.8	6.0
16								6.4	5.6
17								5.8	5.0
18								5.3	4.5
19								3.8	3.2
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

I 21.5–32.4 m



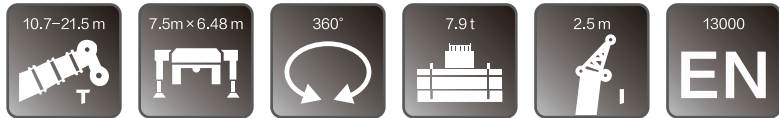
	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	17.7									
5	17.7									
6	17.7	17.7	17.7	17.7	13.9	17.7	17.7			
7	17.7	17.7	17.7	17.7	12.7	17.4	16.1	9.9	13.5	14.1
8	17.7	16.1	17.7	15.8	11.4	15.9	14.5	9.0	12.2	12.8
9	15.1	14.9	15.5	14.4	10.5	14.6	13.0	8.2	11.1	11.6
10	12.7	13.6	13.0	12.6	9.7	13.3	11.8	7.6	10.1	10.5
11	10.8	11.7	11.1	10.7	8.8	11.3	10.6	6.8	9.1	9.5
12	9.3	10.1	9.6	9.2	8.4	9.8	9.3	6.5	8.7	9.0
13	8.1	8.9	8.4	8.0	7.7	8.6	8.1	5.9	7.8	8.1
14	7.1	7.9	7.4	7.0	7.4	7.6	7.1	5.6	7.5	7.4
15	6.2	7.0	6.5	6.2	6.7	6.8	6.3	5.2	6.7	6.5
16	5.5	6.3	5.8	5.5	6.5	6.0	5.6	5.0	6.0	5.8
17	4.9	5.7	5.2	4.9	5.9	5.4	5.0	4.6	5.3	5.2
18	4.4	5.1	4.6	4.3	5.3	4.9	4.4	4.4	4.8	4.7
19	3.9	4.7	4.2	3.9	4.8	4.4	4.0	4.0	4.3	4.2
20		4.2	3.7	3.5	4.4	4.0	3.5	3.9	3.9	3.8
21		3.9	3.4	3.1	4.0	3.6	3.2	3.6	3.5	3.4
22		3.5	3.0	2.8	3.7	3.3	2.8	3.5	3.2	3.1
23					3.4	3.0	2.5	3.3	2.9	2.7
24					3.1	2.7	2.3	3.2	2.6	2.5
25					2.8	2.4	2.0	2.9	2.4	2.2
26								2.7	2.1	2.0
27								2.5	1.9	1.8
28								2.3	1.7	1.6
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

I 36–50m



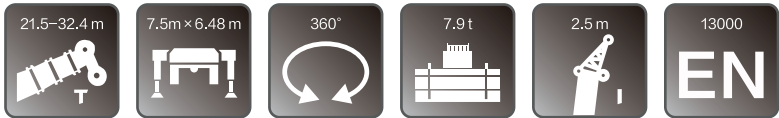
	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
8	7.7	10.0	10.5							
9	6.9	9.1	9.5	7.6	7.7	8.2				
10	6.3	8.3	8.7	6.9	7.1	7.4	6.3	6.6		
11	5.7	7.4	7.7	6.2	6.2	6.6	5.6	5.8	5.0	
12	5.4	7.0	7.2	5.9	5.9	6.2	5.3	5.4	5.0	3.4
13	4.9	6.3	6.5	5.3	5.3	5.5	4.7	4.9	4.5	3.4
14	4.7	6.0	6.1	5.0	5.0	5.2	4.5	4.7	4.2	3.4
15	4.2	5.4	5.5	4.7	4.6	4.7	4.0	4.2	3.8	3.2
16	4.0	5.2	5.2	4.5	4.4	4.5	3.9	3.9	3.6	3.2
17	3.7	4.7	4.8	4.1	4.0	4.0	3.5	3.5	3.2	2.9
18	3.6	4.5	4.6	3.9	3.8	3.9	3.3	3.3	3.0	2.8
19	3.3	4.1	4.1	3.6	3.5	3.5	3.1	3.0	2.8	2.5
20	3.2	3.9	3.7	3.5	3.3	3.3	3.0	2.9	2.7	2.3
21	2.9	3.6	3.3	3.2	3.0	3.0	2.7	2.7	2.4	2.1
22	2.8	3.2	3.0	3.0	2.9	2.9	2.6	2.5	2.3	1.9
23	2.6	2.9	2.7	2.8	2.7	2.6	2.3	2.3	2.0	1.8
24	2.5	2.6	2.4	2.7	2.5	2.5	2.2	2.1	1.9	1.8
25	2.3	2.4	2.2	2.5	2.3	2.2	2.0	1.9	1.8	1.6
26	2.2	2.2	1.9	2.4	2.2	2.0	2.0	1.8	1.8	1.4
27	2.0	2.0	1.7	2.3	2.0	1.8	1.9	1.7	1.5	1.2
28	2.0	1.8	1.5	2.1	1.9	1.6	1.8	1.6	1.4	1.0
29	1.8	1.6	1.4	1.9	1.7	1.4	1.6	1.4	1.3	0.9
30	1.8	1.4	1.2	1.7	1.5	1.2	1.5	1.3	1.2	0.7
31	1.2	1.3	1.0	1.6	1.4	1.1	1.3	1.2	1.1	
32	1.0	1.1	0.9	1.4	1.2	0.9	1.3	1.1	1.1	
33				1.3	1.1	0.8	1.2	0.9	1.0	
34				1.1	1.0	0.7	1.1	0.8	0.9	
35							0.8	0.7	0.8	
36							0.7		0.7	
37									0.7	
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

I 10.7–21.5 m



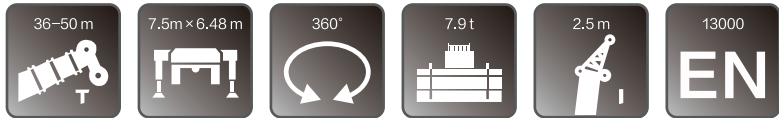
	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	17.7	17.7	17.7	17.7	17.7	17.7			
3.5	17.7	17.7	17.7	17.7	17.7	17.7			
4	17.7	17.7	17.7	17.7	17.7	17.7			
4.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
7	15.6	17.7	17.7	17.7	17.7	17.7	17.7	17.3	17.7
8	13.3	17.7	17.7	17.7	17.7	17.7	17.7	15.8	17.7
9	11.5	15.6	15.3	15.0	15.6	15.1	14.6	14.5	15.0
10		13.1	12.9	12.5	13.2	12.7	12.2	13.4	12.6
11		11.3	11.0	10.7	11.3	10.8	10.3	11.6	10.7
12		9.8	9.5	9.2	9.8	9.4	8.9	10.1	9.3
13					8.6	8.2	7.7	8.9	8.1
14					7.6	7.2	6.7	7.9	7.1
15					6.8	6.4	5.9	7.0	6.3
16					6.1	5.7	5.2	6.3	5.6
17								5.7	5.0
18								5.1	4.4
19								4.7	4.0
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

I 21.5–32.4 m



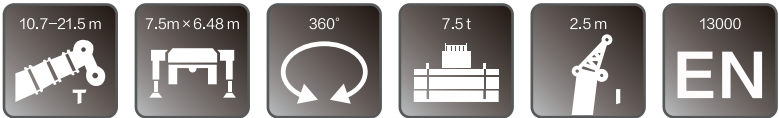
	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
6	17.7	17.7	17.7	17.7	13.9	17.7	17.7			
7	17.7	17.7	17.7	17.7	12.7	17.4	16.1	9.9	13.5	14.1
8	17.7	16.1	17.7	15.8	11.4	15.9	14.5	9.0	12.2	12.8
9	14.8	14.9	15.1	14.4	10.5	14.6	13.0	8.2	11.1	11.6
10	12.3	13.3	12.6	12.3	9.7	12.9	11.8	7.6	10.1	10.5
11	10.5	11.4	10.8	10.4	8.8	11.1	10.5	6.8	9.1	9.5
12	9.0	9.9	9.3	9.0	8.4	9.6	9.1	6.5	8.7	9.0
13	7.8	8.7	8.1	7.8	7.7	8.4	7.9	5.9	7.8	8.1
14	6.9	7.7	7.1	6.8	7.4	7.4	6.9	5.6	7.3	7.2
15	6.1	6.8	6.3	6.0	6.7	6.6	6.1	5.2	6.5	6.3
16	5.4	6.1	5.6	5.3	6.3	5.9	5.4	5.0	5.8	5.6
17	4.7	5.5	5.0	4.7	5.7	5.2	4.8	4.6	5.2	5.0
18	4.2	5.0	4.5	4.2	5.1	4.7	4.3	4.4	4.6	4.5
19	3.8	4.5	4.0	3.7	4.7	4.3	3.8	4.0	4.2	4.0
20		4.1	3.6	3.3	4.3	3.8	3.4	3.9	3.8	3.6
21		3.7	3.2	3.0	3.9	3.5	3.0	3.6	3.4	3.3
22		3.4	2.9	2.6	3.6	3.1	2.7	3.5	3.1	2.9
23					3.2	2.8	2.4	3.3	2.8	2.6
24					3.0	2.6	2.1	3.1	2.5	2.4
25					2.7	2.3	1.9	2.8	2.2	2.1
26								2.6	2.0	1.9
27								2.4	1.8	1.7
28								2.2	1.6	1.5
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

I 36–50m



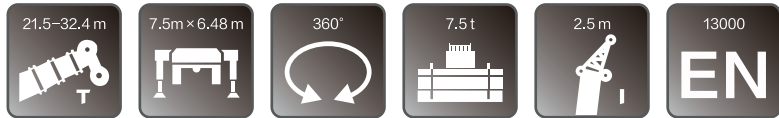
	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
8	7.7	10.0	10.5							
9	6.9	9.1	9.5	7.6	7.7	8.2				
10	6.3	8.3	8.7	6.9	7.1	7.4	6.3	6.6		
11	5.7	7.4	7.7	6.2	6.2	6.6	5.6	5.8	5.0	
12	5.4	7.0	7.2	5.9	5.9	6.2	5.3	5.4	5.0	3.4
13	4.9	6.3	6.5	5.3	5.3	5.5	4.7	4.9	4.5	3.4
14	4.7	6.0	6.1	5.0	5.0	5.2	4.5	4.7	4.2	3.4
15	4.2	5.4	5.5	4.7	4.6	4.7	4.0	4.2	3.8	3.2
16	4.0	5.2	5.2	4.5	4.4	4.5	3.9	3.9	3.6	3.2
17	3.7	4.7	4.8	4.1	4.0	4.0	3.5	3.5	3.2	2.9
18	3.6	4.5	4.4	3.9	3.8	3.9	3.3	3.3	3.0	2.8
19	3.3	4.1	4.0	3.6	3.5	3.5	3.1	3.0	2.8	2.5
20	3.2	3.8	3.6	3.5	3.3	3.3	3.0	2.9	2.7	2.3
21	2.9	3.4	3.2	3.2	3.0	3.0	2.7	2.7	2.4	2.1
22	2.8	3.1	2.9	3.0	2.9	2.9	2.6	2.5	2.3	1.9
23	2.6	2.8	2.6	2.8	2.7	2.6	2.3	2.3	2.0	1.8
24	2.5	2.5	2.3	2.7	2.5	2.4	2.2	2.1	1.9	1.8
25	2.3	2.3	2.1	2.5	2.3	2.1	2.0	1.9	1.8	1.6
26	2.2	2.1	1.8	2.4	2.2	1.9	2.0	1.8	1.8	1.3
27	2.0	1.9	1.6	2.2	2.0	1.7	1.9	1.7	1.5	1.1
28	2.0	1.7	1.4	2.0	1.8	1.5	1.8	1.6	1.4	0.9
29	1.8	1.5	1.3	1.8	1.6	1.3	1.6	1.4	1.3	0.8
30	1.8	1.3	1.1	1.6	1.4	1.2	1.5	1.3	1.2	0.6
31	1.2	1.2	1.0	1.5	1.3	1.0	1.3	1.1	1.1	
32	1.0	1.0	0.8	1.3	1.1	0.9	1.3	1.0	1.1	
33				1.2	1.0	0.7	1.1	0.9	1.0	
34				1.1	0.9	0.6	1.0	0.7	0.8	
35							0.8	0.6	0.7	
36							0.7		0.6	
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

I 10.7–21.5 m



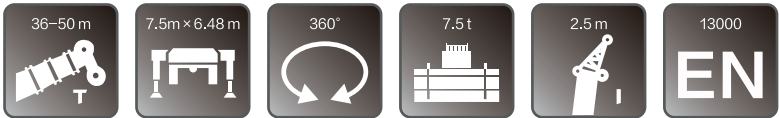
	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	17.7	17.7	17.7	17.7	17.7	17.7			
3.5	17.7	17.7	17.7	17.7	17.7	17.7			
4	17.7	17.7	17.7	17.7	17.7	17.7			
4.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
7	15.6	17.7	17.7	17.7	17.7	17.7	17.7	17.3	17.7
8	13.3	17.7	17.7	17.7	17.7	17.7	17.6	15.8	17.7
9	11.5	15.3	15.0	14.7	15.4	14.9	14.3	14.5	14.8
10		12.9	12.6	12.3	13.0	12.5	11.9	13.2	12.4
11		11.1	10.8	10.5	11.1	10.6	10.1	11.4	10.5
12		9.6	9.3	9.0	9.6	9.2	8.7	9.9	9.1
13					8.4	8.0	7.5	8.7	7.9
14					7.5	7.0	6.6	7.7	6.9
15					6.6	6.2	5.8	6.9	6.1
16					5.9	5.5	5.1	6.2	5.4
17								5.6	4.8
18								5.0	4.3
19								4.6	3.9
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

I 21.5–32.4 m



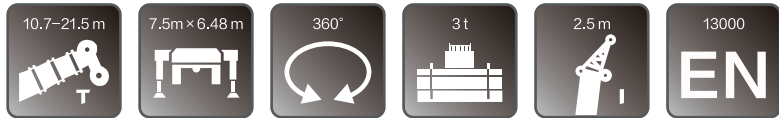
	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	17.7									
5	17.7									
6	17.7	17.7	17.7	17.7	13.9	17.7	17.7			
7	17.7	17.7	17.7	17.7	12.7	17.4	16.1	9.9	13.5	14.1
8	17.7	16.1	17.7	15.8	11.4	15.9	14.5	9.0	12.2	12.8
9	14.5	14.9	14.8	14.4	10.5	14.6	13.0	8.2	11.1	11.6
10	12.1	13.0	12.4	12.1	9.7	12.7	11.8	7.6	10.1	10.5
11	10.3	11.2	10.6	10.2	8.8	10.9	10.3	6.8	9.1	9.5
12	8.9	9.7	9.1	8.8	8.4	9.4	8.9	6.5	8.7	9.0
13	7.7	8.5	8.0	7.6	7.7	8.2	7.7	5.9	7.8	8.0
14	6.7	7.5	7.0	6.7	7.4	7.3	6.8	5.6	7.2	7.0
15	5.9	6.7	6.2	5.9	6.7	6.4	6.0	5.2	6.3	6.2
16	5.2	6.0	5.5	5.2	6.2	5.7	5.3	5.0	5.7	5.5
17	4.6	5.4	4.9	4.6	5.6	5.1	4.7	4.6	5.1	4.9
18	4.1	4.9	4.4	4.1	5.0	4.6	4.2	4.4	4.5	4.4
19	3.7	4.4	3.9	3.6	4.6	4.2	3.7	4.0	4.1	3.9
20		4.0	3.5	3.2	4.2	3.7	3.3	3.9	3.7	3.5
21		3.6	3.2	2.9	3.8	3.4	3.0	3.6	3.3	3.2
22		3.3	2.8	2.5	3.5	3.1	2.6	3.5	3.0	2.8
23					3.2	2.8	2.3	3.3	2.7	2.5
24					2.9	2.5	2.1	3.0	2.4	2.3
25					2.7	2.2	1.8	2.8	2.2	2.0
26								2.5	1.9	1.8
27								2.3	1.7	1.6
28								2.1	1.6	1.4
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

I 36–50m



	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
8	7.7	10.0	10.5							
9	6.9	9.1	9.5	7.6	7.7	8.2				
10	6.3	8.3	8.7	6.9	7.1	7.4	6.3	6.6		
11	5.7	7.4	7.7	6.2	6.2	6.6	5.6	5.8	5.0	
12	5.4	7.0	7.2	5.9	5.9	6.2	5.3	5.4	5.0	3.4
13	4.9	6.3	6.5	5.3	5.3	5.5	4.7	4.9	4.5	3.4
14	4.7	6.0	6.1	5.0	5.0	5.2	4.5	4.7	4.2	3.4
15	4.2	5.4	5.5	4.7	4.6	4.7	4.0	4.2	3.8	3.2
16	4.0	5.2	5.2	4.5	4.4	4.5	3.9	3.9	3.6	3.2
17	3.7	4.7	4.8	4.1	4.0	4.0	3.5	3.5	3.2	2.9
18	3.6	4.5	4.3	3.9	3.8	3.9	3.3	3.3	3.0	2.8
19	3.3	4.1	3.9	3.6	3.5	3.5	3.1	3.0	2.8	2.5
20	3.2	3.7	3.5	3.5	3.3	3.3	3.0	2.9	2.7	2.3
21	2.9	3.3	3.1	3.2	3.0	3.0	2.7	2.7	2.4	2.1
22	2.8	3.0	2.8	3.0	2.9	2.8	2.6	2.5	2.3	1.9
23	2.6	2.7	2.5	2.8	2.7	2.6	2.3	2.3	2.0	1.8
24	2.5	2.5	2.2	2.7	2.5	2.3	2.2	2.1	1.9	1.7
25	2.3	2.2	2.0	2.5	2.3	2.0	2.0	1.9	1.8	1.5
26	2.2	2.0	1.8	2.3	2.1	1.8	2.0	1.8	1.8	1.3
27	2.0	1.8	1.6	2.1	1.9	1.6	1.9	1.7	1.5	1.1
28	2.0	1.6	1.4	1.9	1.7	1.4	1.8	1.6	1.4	0.9
29	1.8	1.4	1.2	1.7	1.5	1.3	1.6	1.4	1.3	0.7
30	1.8	1.3	1.0	1.6	1.4	1.1	1.5	1.2	1.2	
31	1.2	1.1	0.9	1.4	1.2	0.9	1.3	1.1	1.1	
32	1.0	1.0	0.8	1.3	1.1	0.8	1.2	0.9	1.0	
33				1.1	1.0	0.7	1.1	0.8	0.9	
34				1.0	0.8		0.9	0.7	0.8	
35							0.8		0.7	
36							0.7			
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

I 10.7–21.5 m



	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	17.7	17.7	17.7	17.7	17.7	17.7			
3.5	17.7	17.7	17.7	17.7	17.7	17.7			
4	17.7	17.7	17.7	17.7	17.7	17.7			
4.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
7	15.6	17.7	17.7	17.7	17.7	17.7	17.7	17.3	17.7
8	13.3	15.3	15.0	14.6	15.3	14.8	14.2	15.7	14.7
9	11.5	12.5	12.2	11.9	12.5	12.0	11.5	12.8	11.9
10		10.5	10.2	9.9	10.5	10.0	9.5	10.8	9.9
11		8.9	8.6	8.3	8.9	8.5	8.0	9.2	8.4
12		7.7	7.4	7.1	7.7	7.2	6.7	8.0	7.1
13					6.7	6.3	5.8	6.9	6.2
14					5.9	5.4	5.0	6.1	5.3
15					5.2	4.8	4.3	5.4	4.7
16					4.6	4.2	3.7	4.8	4.1
17								4.3	3.6
18								3.9	3.1
19								3.5	2.7
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

I 21.5–32.4 m



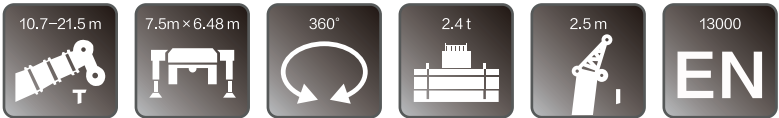
	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	17.7									
5	17.7									
6	17.7	17.7	17.7	17.7	13.9	17.7	17.7			
7	17.7	17.7	17.7	17.7	12.7	17.4	16.1	9.9	13.5	14.1
8	14.4	15.4	14.7	14.4	11.4	15.1	14.5	9.0	12.2	12.8
9	11.7	12.6	12.0	11.6	10.5	12.3	11.7	8.2	11.1	11.6
10	9.7	10.6	10.0	9.6	9.7	10.3	9.7	7.6	10.1	10.0
11	8.1	9.0	8.4	8.1	8.8	8.7	8.2	6.8	8.6	8.4
12	6.9	7.8	7.2	6.9	8.0	7.5	7.0	6.5	7.4	7.2
13	5.9	6.8	6.2	5.9	6.9	6.5	6.0	5.9	6.4	6.2
14	5.1	5.9	5.4	5.1	6.1	5.7	5.2	5.6	5.6	5.4
15	4.4	5.2	4.7	4.4	5.4	5.0	4.5	5.2	4.9	4.7
16	3.9	4.6	4.1	3.8	4.8	4.4	3.9	4.9	4.3	4.1
17	3.4	4.1	3.6	3.3	4.3	3.9	3.4	4.4	3.8	3.6
18	2.9	3.7	3.2	2.9	3.9	3.4	3.0	4.0	3.3	3.2
19	2.5	3.3	2.8	2.5	3.5	3.0	2.6	3.6	3.0	2.8
20		3.0	2.5	2.2	3.1	2.7	2.2	3.2	2.6	2.5
21		2.6	2.1	1.8	2.8	2.4	1.9	2.9	2.3	2.2
22		2.4	1.9	1.6	2.5	2.1	1.6	2.6	2.0	1.9
23					2.3	1.8	1.4	2.4	1.8	1.6
24					2.0	1.6	1.2	2.1	1.5	1.4
25					1.8	1.4	1.0	1.9	1.3	1.2
26								1.7	1.1	1.0
27								1.5	0.9	0.8
28								1.4	0.8	0.7
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

I 36–50m



	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
8	7.7	10.0	10.5							
9	6.9	9.1	9.5	7.6	7.7	8.2				
10	6.3	8.3	8.7	6.9	7.1	7.4	6.3	6.6		
11	5.7	7.4	7.7	6.2	6.2	6.6	5.6	5.8	5.0	
12	5.4	7.0	7.2	5.9	5.9	6.2	5.3	5.4	5.0	3.4
13	4.9	6.3	6.2	5.3	5.3	5.5	4.7	4.9	4.5	3.4
14	4.7	5.6	5.4	5.0	5.0	5.2	4.5	4.7	4.2	3.4
15	4.2	4.9	4.7	4.7	4.6	4.7	4.0	4.2	3.8	3.2
16	4.0	4.3	4.1	4.5	4.4	4.1	3.9	3.9	3.6	3.2
17	3.7	3.8	3.6	4.1	4.0	3.6	3.5	3.5	3.2	2.9
18	3.6	3.4	3.2	3.7	3.5	3.2	3.3	3.3	3.0	2.6
19	3.3	3.0	2.8	3.3	3.1	2.8	3.1	2.9	2.8	2.2
20	3.2	2.7	2.4	3.0	2.8	2.5	2.9	2.6	2.7	1.9
21	2.9	2.3	2.1	2.7	2.5	2.2	2.6	2.3	2.4	1.6
22	2.6	2.1	1.8	2.4	2.2	1.9	2.3	2.0	2.1	1.3
23	2.3	1.8	1.6	2.1	1.9	1.6	2.0	1.7	1.9	1.0
24	2.1	1.6	1.3	1.9	1.7	1.4	1.8	1.5	1.6	0.8
25	1.9	1.4	1.1	1.7	1.5	1.2	1.6	1.3	1.4	0.6
26	1.7	1.2	0.9	1.5	1.3	1.0	1.4	1.1	1.2	
27	1.5	1.0	0.8	1.3	1.1	0.8	1.2	0.9	1.1	
28	1.4	0.8	0.6	1.1	0.9	0.7	1.1	0.8	0.9	
29	1.2	0.7		1.0	0.8		0.9	0.6	0.8	
30	1.1			0.9	0.7		0.8		0.6	
31	0.9			0.7			0.6			
32	0.8			0.6						
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333

I 10.7–21.5 m



	10.7 m	14.3 m	14.3 m	14.3 m	17.9 m	17.9 m	17.9 m	21.5 m	21.5 m
3	17.7	17.7	17.7	17.7	17.7	17.7			
3.5	17.7	17.7	17.7	17.7	17.7	17.7			
4	17.7	17.7	17.7	17.7	17.7	17.7			
4.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
7	15.6	17.7	17.7	17.7	17.7	17.7	17.6	17.3	17.7
8	13.3	14.9	14.5	14.2	14.9	14.4	13.8	15.2	14.2
9	11.5	12.1	11.8	11.5	12.2	11.7	11.1	12.5	11.5
10		10.1	9.9	9.5	10.2	9.7	9.2	10.4	9.6
11		8.6	8.3	8.0	8.6	8.2	7.7	8.9	8.1
12		7.4	7.1	6.8	7.4	7.0	6.5	7.7	6.9
13					6.5	6.0	5.5	6.7	5.9
14					5.7	5.2	4.7	5.9	5.1
15					5.0	4.6	4.1	5.2	4.5
16					4.4	4.0	3.5	4.6	3.9
17								4.1	3.4
18								3.7	3.0
19								3.3	2.6
Code	00000	00010	00100	01000	00110	01100	11000	00111	02100

I 21.5–32.4 m



	21.5 m	25.1 m	25.1 m	25.1 m	28.8 m	28.8 m	28.8 m	32.4 m	32.4 m	32.4 m
4.5	17.7									
5	17.7	0.0	0.0	0.0	0.0	0.0	0.0			
6	17.7	17.7	17.7	17.7	13.9	17.7	17.7			
7	17.7	17.7	17.7	17.7	12.7	17.4	16.1	9.9	13.5	14.1
8	14.0	15.0	14.3	13.9	11.4	14.6	14.0	9.0	12.2	12.8
9	11.3	12.3	11.6	11.2	10.5	11.9	11.3	8.2	11.1	11.6
10	9.3	10.3	9.6	9.3	9.7	9.9	9.4	7.6	9.8	9.7
11	7.8	8.7	8.1	7.8	8.8	8.4	7.9	6.8	8.3	8.2
12	6.7	7.5	6.9	6.6	7.7	7.2	6.7	6.5	7.1	7.0
13	5.7	6.5	6.0	5.7	6.7	6.2	5.8	5.9	6.2	6.0
14	4.9	5.7	5.2	4.9	5.9	5.4	5.0	5.6	5.4	5.2
15	4.3	5.0	4.5	4.2	5.2	4.8	4.3	5.2	4.7	4.5
16	3.7	4.5	3.9	3.6	4.6	4.2	3.7	4.7	4.1	4.0
17	3.2	4.0	3.5	3.2	4.1	3.7	3.2	4.2	3.6	3.5
18	2.8	3.5	3.0	2.7	3.7	3.3	2.8	3.8	3.2	3.0
19	2.4	3.2	2.6	2.3	3.3	2.9	2.4	3.4	2.8	2.7
20		2.8	2.3	2.0	3.0	2.5	2.1	3.1	2.4	2.3
21		2.5	2.0	1.7	2.7	2.2	1.8	2.8	2.1	2.0
22		2.2	1.7	1.4	2.4	1.9	1.5	2.5	1.9	1.7
23					2.1	1.7	1.3	2.2	1.6	1.5
24					1.9	1.5	1.0	2.0	1.4	1.3
25					1.7	1.3	0.8	1.8	1.2	1.1
26								1.6	1.0	0.9
27								1.4	0.8	0.7
28								1.3	0.7	
Code	11100	01111	11110	12100	01112	11111	21110	01122	12111	21111

I 36–50m

36–50 m

7.5m × 6.48 m

360°

2.4 t

2.5 m

13000

EN

	36 m	36 m	36 m	39.6 m	39.6 m	39.6 m	43.2 m	43.2 m	46.9 m	50 m
8	7.7	10.0	10.5							
9	6.9	9.1	9.5	7.6	7.7	8.2				
10	6.3	8.3	8.7	6.9	7.1	7.4	6.3	6.6		
11	5.7	7.4	7.7	6.2	6.2	6.6	5.6	5.8	5.0	
12	5.4	7.0	6.9	5.9	5.9	6.2	5.3	5.4	5.0	3.4
13	4.9	6.2	5.9	5.3	5.3	5.5	4.7	4.9	4.5	3.4
14	4.7	5.4	5.1	5.0	5.0	5.2	4.5	4.7	4.2	3.4
15	4.2	4.7	4.5	4.7	4.6	4.5	4.0	4.2	3.8	3.2
16	4.0	4.2	3.9	4.5	4.3	4.0	3.9	3.9	3.6	3.2
17	3.7	3.7	3.4	4.0	3.8	3.5	3.5	3.5	3.2	2.9
18	3.6	3.2	3.0	3.6	3.4	3.0	3.3	3.2	3.0	2.4
19	3.3	2.8	2.6	3.2	3.0	2.7	3.1	2.8	2.8	2.0
20	3.1	2.5	2.3	2.8	2.6	2.3	2.7	2.4	2.6	1.7
21	2.7	2.2	1.9	2.5	2.3	2.0	2.4	2.1	2.3	1.4
22	2.5	1.9	1.7	2.2	2.0	1.7	2.2	1.9	2.0	1.1
23	2.2	1.7	1.4	2.0	1.8	1.5	1.9	1.6	1.7	0.9
24	2.0	1.4	1.2	1.8	1.6	1.3	1.7	1.4	1.5	0.7
25	1.8	1.2	1.0	1.6	1.3	1.1	1.5	1.2	1.3	
26	1.6	1.0	0.8	1.4	1.2	0.9	1.3	1.0	1.1	
27	1.4	0.9	0.6	1.2	1.0	0.7	1.1	0.8	1.0	
28	1.2	0.7		1.0	0.8		0.9	0.7	0.8	
29	1.1			0.9	0.7		0.8		0.6	
30	1.0			0.7			0.7			
31	0.8			0.6						
32	0.7									
Code	01222	12211	22111	11222	12221	22211	12222	22221	22222	33333