

ZOOMLION

ZAT6000V863

ALL TERRAIN CRANE



4.0
PRODUCTS











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ZAT6000V863

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Hook

						<input checked="" type="radio"/> Standard <input type="radio"/> Optional
Specification	Weight (t)	Transport dimensions (mm)	Fall	Single hook	Double hook	Configuration
220t	3.4	2500×1160×760	22	-	Double	<input type="radio"/>
160t	2.7	2050×1000×760	15	-	Double	<input type="radio"/>
130t	2.1	1980×990×800	15	-	Double	<input type="radio"/>
100t	1.9	1850×800×760	11	-	Double	<input type="radio"/>
80t	2.1	1810×640×760	7	-	Double	<input type="radio"/>
40t	1.4	1760×600×760	3	Single	-	<input type="radio"/>
12t	0.7	1100×450×450	1	Single	-	<input type="radio"/>

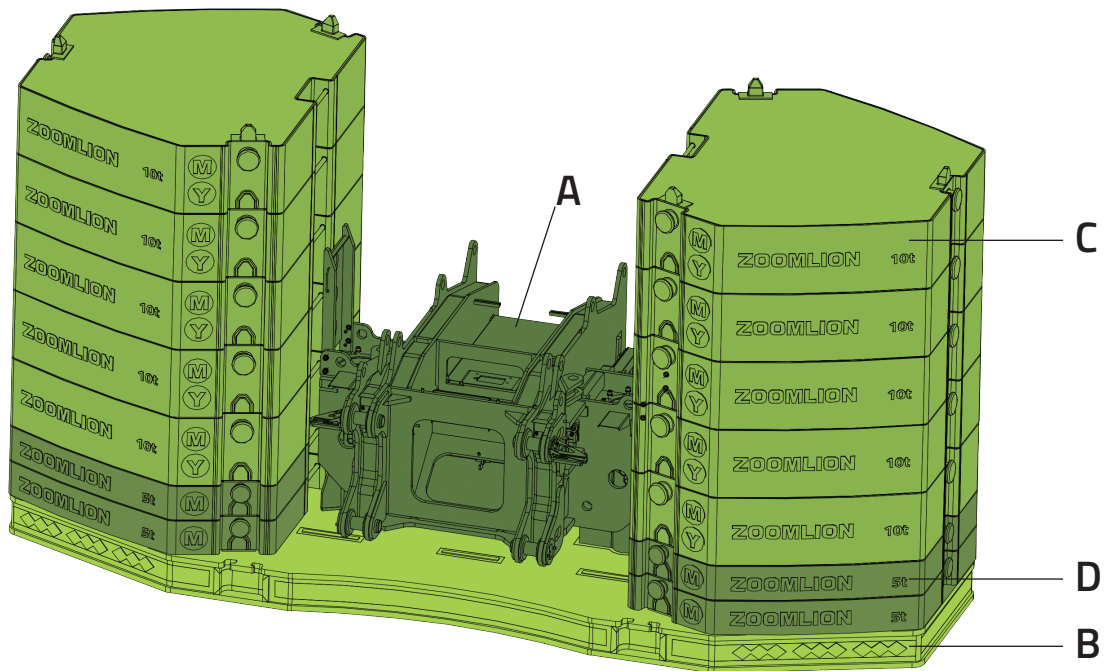
Wire rope

			
Diameter(mm)	Length (m)	Max. pulling force of single rope (t)	
 Main hoist rope	24	720	13
 Derricking rope, luffing jib	24	780	13
 Superlift rope	34	195	30

Options

No.	Description	Remarks
1	Superlift device	Including 1 set of transport tools and equipment
2	Fixed jib	12, 16, 24, 32, 40, 48, 56m
3	A-frame	6m It can be selected for the following OMs: -Superlift and jib OM; -Superlift and luffing jib; -Wind plant jib OM.
4	Luffing jib package	Excluding the universal jib sections which can be also used for the fixed jib. Select the fixed jib when the luffing jib OM is selected.
5	Wind plant jib	Including the tip boom. The universal jib sections can be also used for the heavy-duty jib.
6	Hook	Optional: 220t/160t /130t/100t/80t/40t/12t
7	Roadbed box	2.4m×3.5m×0.24m

Counterweight



Transported individually

	Name	Weight (t)	Transport dimensions (m)	Quantity of full configuration (piece)
A	Counterweight carrier	7	2.44×2.35×1.82	1
B	lower counterweight	16	6.55×2.4×0.92	1
C	Standard counterweight plates	10	2.4×2.1×0.62	10
D	Small counterweight	5	2.4×2.1×0.37	4

Counterweight combinations

Unit: piece

Combinations	A	B	C	D
0t	0	0	0	0
23t	1	1	0	0
43t	1	1	0	4
63t	1	1	2	4
83t	1	1	4	4
103t	1	1	6	4
123t	1	1	8	4
143t	1	1	10	4

SPECIFICATIONS

Crane Superstructure

Hydraulic and control system

- Superstructure hydraulic system adopts open and closed combined system. Slewing gear adopts the closed system. Main winch, luffing gear, telescoping system and the other auxiliary mechanism adopt the open valve control system.
- Control mode plus simultaneous crane movements loading strategy, the operational stability and smoothness control strategy of main movements.

Hoist gear

- The reducer, drum, brake and motor integrated hoist gear is of high quality and is compact in structure;
- Lebus rope groove of the drum ensures optimum spooling behavior of wire rope and perfect rope arrangement during multiple-layer spooling, thus providing prolonged rope service life;
- High-performance rotation-resistant ropes can be used without swivel under load and can be arranged orderly on the drum; the press nipple can be used for rapid reeving change.

Luffing gear

- Two hydraulic cylinders, providing the boom with smooth luffing movements from -0.4° to 83°

Slewing gear

- Three-row roller external teeth slewing ring
- Two hydraulic motors and planetary reducer
- Slewing speed: 0 – 1.3 rpm

Operator's cab

- 4.0 series spacious panoramic cab with sliding door, outward pushing windshield, front foot pedal, safe guard rail around the roof and side of the cab
- The cab can be tilted for $0-20^{\circ}$ to improve operator's field of vision and reduce the operation intensity.
- Cab heater and air conditioning.

Engine

- 6-cylinder in-line diesel, manufactured by Cummins, model B6.7CS4 260C, turbo-charged, intercooled
- Rated maximum power: 194 KW at 2200 rpm
- Maximum output torque: 1200 Nm at 1500 rpm
- Off-road China IV Emission.

Counterweight

- 143t total counterweight includes 7t counterweight carrier, 16t lower counterweight, 5t small side counterweights (4 pieces) and 10t side counterweights (10 pieces).

- Counterweight combinations include 143t, 123t, 103t, 83t, 63t, 43t, 23t and 0t.
- Sliding position change counterweight mechanism can move backwards for 0.9m.

Central lubricating system

- All the lubricating points are automatically supplied with the correct grease quantity for prolonged crane service life and easy maintenance.

Safety monitoring system

- Via the CAN data bus system, the information of the chassis and the superstructure can be shared, such as the outrigger state, the tilting angle of the chassis frame etc. And thus, put an end to the danger.

Main boom

- 8-section telescopic boom made of high-tensile steel;
- Optimal oviform boom profile of particular tensional rigidity, outstanding local stability and for the super lifting capacities;
- Under 8-section main boom operation mode, the boom length completely extended is 97 m.

Lattice jib (optional)

- Fixed jib length is 12 m to 56 m. And the superlift OM combination length is 18 m to 62 m. There are three offset: 0° , 20° and 40° .
- The luffing jib combination lengths are 21 m, 29 m, 37 m, 45 m, 53 m, 61 m, 69 m, 77 m, 85 m. The luffing jib sections can exchange with the fixed jib sections for each other.
- The special wind plant jib head is used with the jib combinations together. The wind plant jib combination lengths: 14 m, 22 m, 30 m.

Y-shaped guying system (optional)

- Y-shaped guying system in single piece structure.
- It is assembled on the head of basic boom and adopts 2 reeving wire rope.
- Under the big boom length OM, the deflection can be reduced by 20% to 30% and the performance can be improved by 40% to 100%.

Hook (optional)

- Optional configuration: 220t, 160t, 130t, 100t, 80t, 40t, 12t.

SPECIFICATIONS

Crane chassis

Engine (according to vehicle type)

Model	Benz OM473LA.6-57 series	Cummins M15NS6B660 series
Type	6-cylinder in-line diesel, turbo-charged, intercooled	6-cylinder in-line diesel, turbo-charged, intercooled
Displacement	15.569L	14.5L
Rated max. power	480 kw at 1600 r/min	485 kw at 1800 r/min
Max. output torque	3100 N.m at 1100 r/min	3200 N.m at 900 - 1400 r/min
Limits for exhaust pollutants and smoke	China VI emission	China VI emission
Fuel tank capacity	500L	400L + 250L

Transmission

Benz configuration	Cummins configuration
<ul style="list-style-type: none"> ZF AMT with the hydraulic retarder, imported from Germany 16 forward and 2 reverse speeds 	<ul style="list-style-type: none"> F12JZ32A+FHB400 mechanical automatic transmission with the hydraulic retarder 12 forward and 2 reverse speeds

Transfer case

- 2-stage transfer case, with stand-by steering pump

Axles

- Heavy-duty axles
- With disc brakes
- Drive type: 12 × 8
- All axles are steered. Axles 1, 3, 5 and 6 are mechanical and drive ones. And axles 2 and 4 are steer and driven ones.
- Axles 1, 3, 5 and 6 are with transversal differentials and locking device. Axle 3 is with the longitudinal differentials and locking device. Axle 5 is with the disengage drive device which can disengage the drive of axle 6.

Outrigger

- H type two sectional outrigger
- Vertical cylinders with two-way hydraulic locks
- The outriggers have 3 telescoping lengths, namely 50%, 75% and 100%.
- Outriggers can be controlled by an independent wireless small remote controller. Besides, it is equipped with a wired emergency control box.
- The outrigger Telescoping mode state and the complete vehicle level condition can be shown and monitored on the interface of load moment limiter in operator's cab. Therefore, this guarantees the safe operation.

Tires

- Tubeless tire
- Tire size: 445/95 R25 radial tires (optional: 505/95R25)

Steering system

- Electrical control all-wheel steer with 6 steering programs
- Emergency steering system
- 3 front axles are mechanical steer and 5 rear axles are electro-hydraulic proportional steer.
- Double-channel steering gear and single axle double-cylinder booster.
- Centralizing cylinders on all of electrical control steering axles for automatic straightening of axles in case of failure

Steering system

- All-wheel steering system with 6 steering modes
- Axles 1 and 2 are mechanically steered by the steering wheel. Axles 3, 4, 5 and 6 are steered by the electro-hydraulic control system.

Suspension

- All axles with hydro-pneumatic suspension and complete vehicle leveling system
- Load equalization between the axle pairs

Brake system

- It consists of service brake, parking brake (emergency brake) and auxiliary brake.
- The brake system is equipped with two sets of ABS (4S/4M).

Electrical system

Benz configuration	Cummins configuration
CAN data bus technology	CAN data bus technology
Generator: 28 V, 150 A	Generator: 28 V, 140 A

Driver's cab

- 4.0 series full-width and all-metal welded spacious cab with flexible lining is of convincing design and outstanding functionality
- Semi-floating driver's cab suspension.

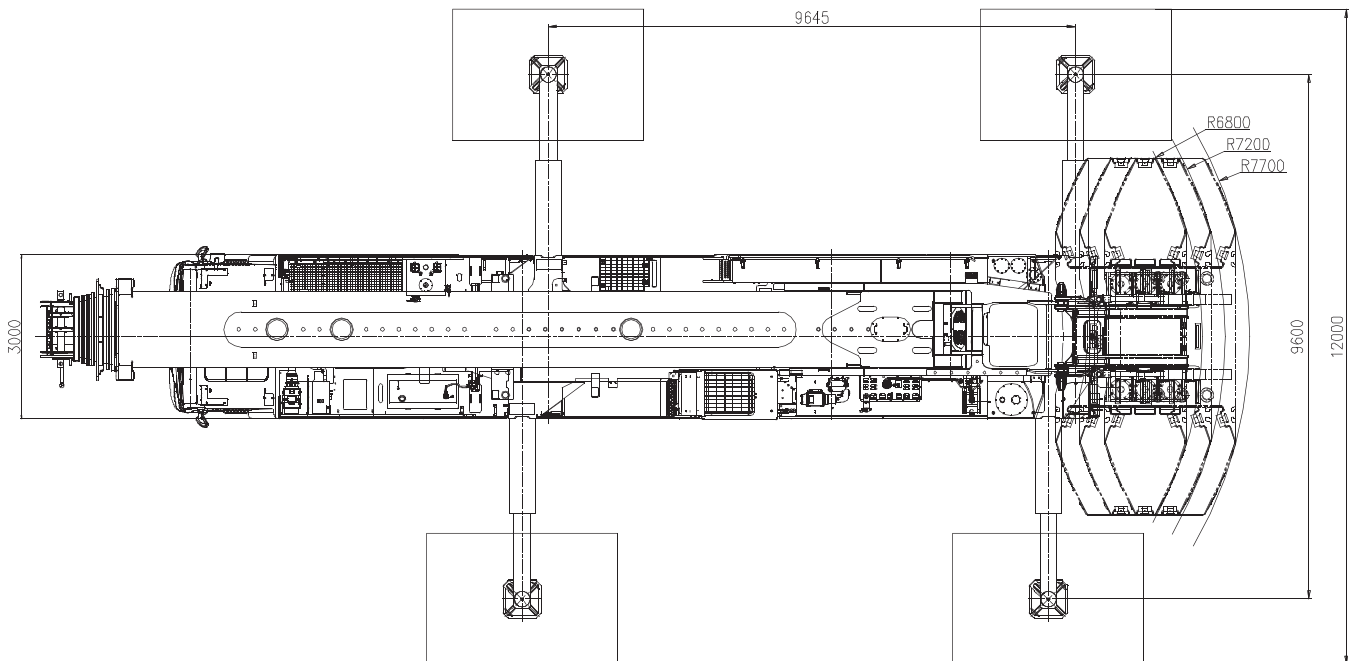
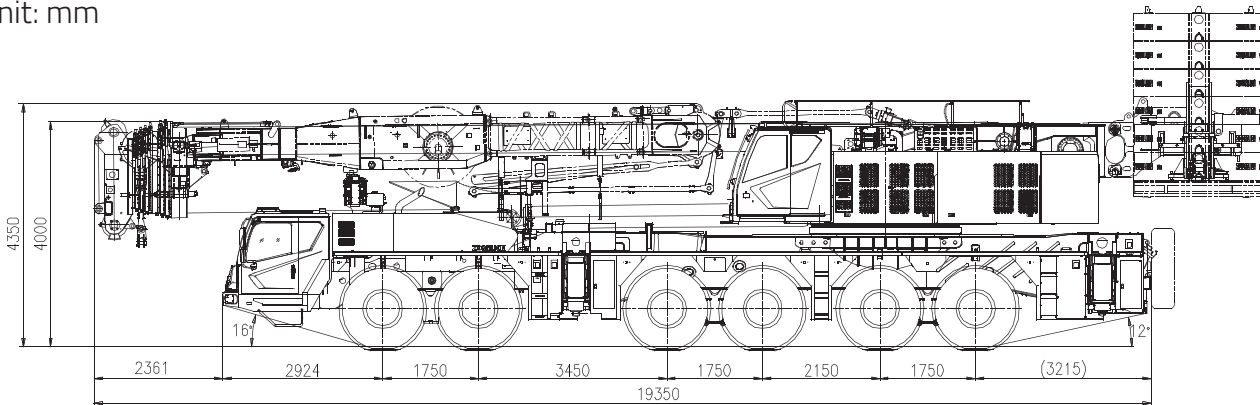
TECHNICAL DATA

	Item	Unit	Value	Remarks
 <p>Working performance</p>	Max. rated lifting capacity	t	600	Nominal OM
	Max. load moment	t.m	1520	
	Max. load moment of main boom (fully extended)	t.m	944	
	Max. lifting height of basic boom	m	16.3	
	Max. lifting height of main boom	m	97	
	Max. lifting height of jib	m	138	
 <p>Working speeds</p>	Max. hoist rope speed (Main winch)	m/min	125	The 7th layer
	Boom derricking up time	s	100	
	Boom extending time (8 sections)	s	1150	
	Slewing speed	r/min	0 - 1.3	
 <p>Driving</p>	Max. operation altitude	m	2000	
	Max. driving speed	km/h	80	
	Max. gradeability	%	50	
	Min. turning diameter	m	24	
	Min. ground clearance	mm	380	
	Limits for exhaust pollutants and smoke		China VI	
	Front overhang angle	°	16	
	Rear overhang angle	°	12	
 <p>Mass</p>	Deadweight in driving condition	kg	67000	67t travel mode
	Complete vehicle kerb mass	kg	66805	67t travel mode
	Single axle load	kg	9500/9500/12000/12000/12000/12000	67t travel mode
 <p>Dimensions</p>	Overall dimensions (L×W×H)	mm	18130×3000×4050	
	Outrigger spread (W)	m	6.2, 8.8, 9.6	
	Outrigger spread (L)	m	9.6	
	Slewing radius of counterweight tail	m	6.8, 7.2, 7.7	
	Main boom length (8 sections)	m	16.3 - 97	
	Boom angle	°	-0.4 - 83	
	Fix jib length	m	16, 24, 32, 40, 48, 56	Superlift: 12, 18, 22, 30, 38, 46, 54, 62
	Luffing jib length	m	21, 29, 37, 45, 53, 61, 69, 77, 85	
Wind plant jib length	m	14, 22, 30		
<p>Others</p>	Superlift device		Y-shaped single piece superlift	
	Derricking mode		Double-cylinder	

DIMENSIONS

Complete operation condition

Unit: mm



DIMENSIONS

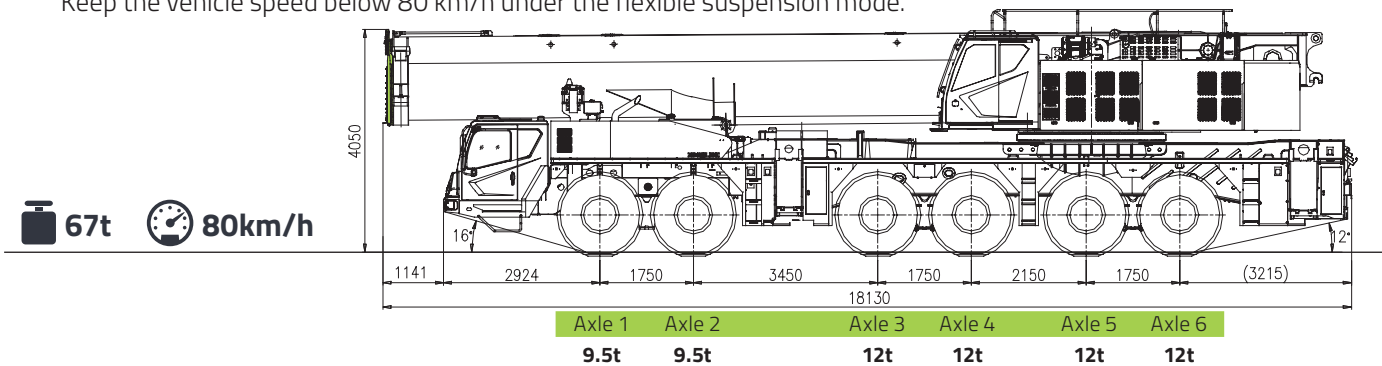
in travelling order

Unit: mm

1 67t travel mode:

These components such as 6 telescopic sections, the front and rear sliding beams, the main winch & the wire rope, the derricking cylinder, the spare tire and the outrigger pads are removed from the vehicle. Drain off the superstructure hydraulic oil before traveling.

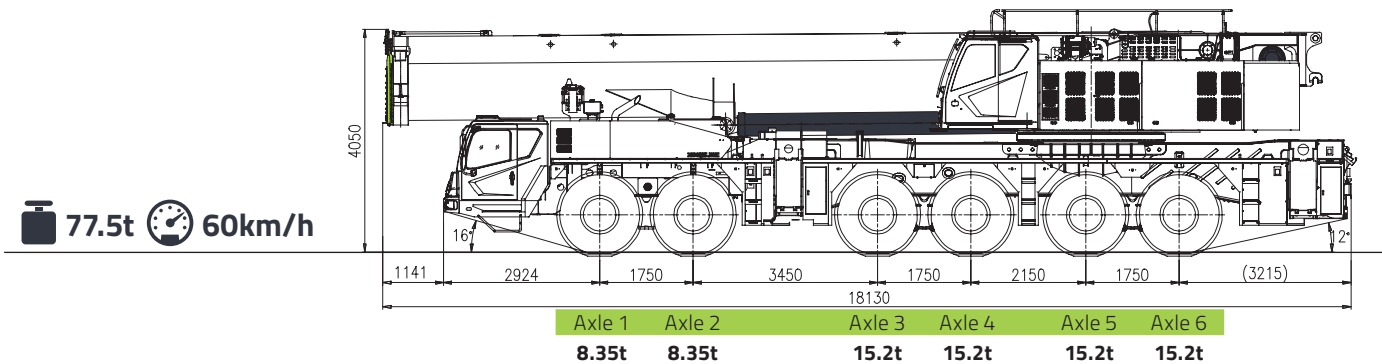
Keep the vehicle speed below 80 km/h under the flexible suspension mode.



2 Sales delivery mode:

These components such as 6 telescopic sections, the front and rear sliding beams, the spare tire and the outrigger pads are removed from the vehicle.

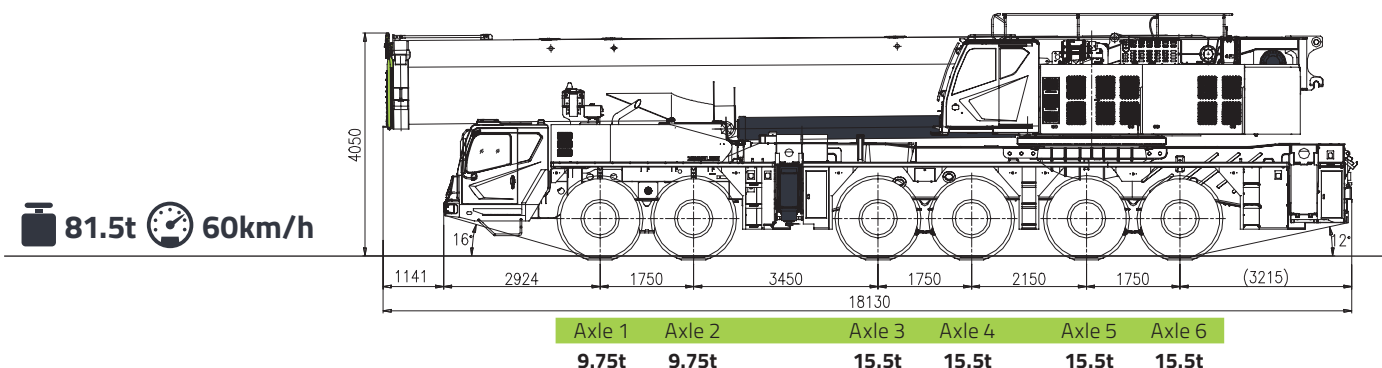
For long distance travelling (sales delivery), keep the vehicle speed about 60 km/h under the flexible suspension mode.



3 81.5t travel mode:

These components such as 6 telescopic sections, the rear sliding beams, the spare tire and the outrigger pads are removed from the vehicle.

For long distance travelling (sales delivery), keep the vehicle speed about 60 km/h under the flexible suspension mode.



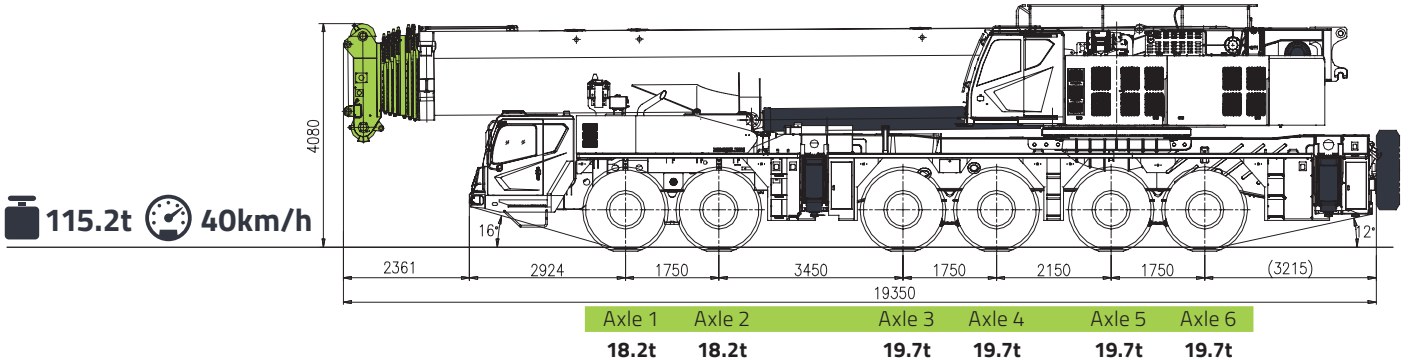
DIMENSIONS

in travelling order

Unit: mm

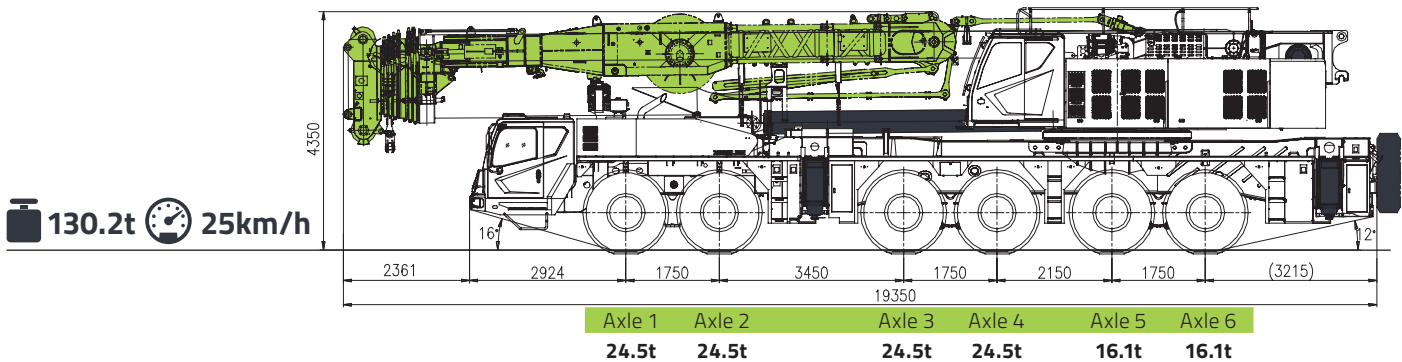
4 8-section boom standard mode: 8-section main boom

For medium distance travelling, keep the vehicle speed below 40 km/h under the flexible suspension mode.



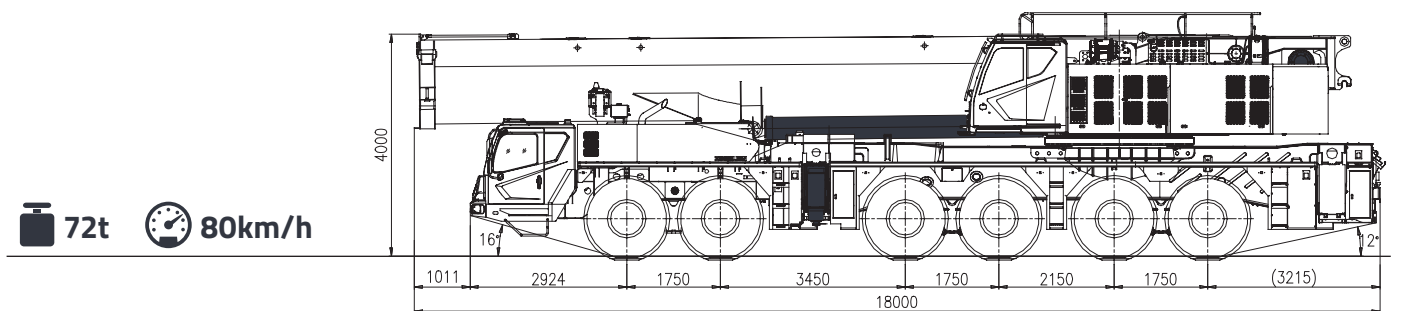
5 8-section boom heavy-load mode: 8-section main boom + superlift assy.

For short distance travelling, keep the vehicle speed below 25 km/h under the rigid suspension mode.



6 72t travel mode:

These components such as the hook, the telescopic sections I - VII, the telescoping cylinder, the counterweight, the superlift device, the jib, the rear sliding beams, the spare tire and the outrigger pads are removed from the vehicle. Keep the vehicle speed below 80 km/h under the flexible suspension mode.



Note: Modes **2**, **3** and **4** are conventional travelling ones.

Heavy-load mode such as **5** is used for short-distance transit. And you should strictly obey the travelling regulations and requirements.

As for the descending corner slope, you should limit the traveling speed further.

OM COMBINATION

- T** Telescopic boom
- S** Superlift
- F** Fixed jib
- E** A-frame, jib
- L** Luffing jib
- AJ** Wind plant tip boom






















LIFTING HEIGHTS/CAPACITIES

1. OM marked with the asterisk (***) is a nominal one.
2. OM marked with the asterisk (*) require additional attachments, contact the manufacturer in advance if necessary
3. Do not lift a load that is above the capacity of the crane under any condition.
4. Do not perform the lifting operation when the wind speed exceeds the limit, especially for large boom length and large working radius OM.
5. A temperature difference occurs between the side facing the sun and the side facing away from the sun in cranes with telescopic booms. This causes that the boom frame material expands when heated and contracts when cooled, which can affect the straightness of the boom frame to some extent.
6. When lowering the load from high place (such as bridge, shield construction, wind plant maintenance etc.), first perform rope arrangement OM, and then use a hook of large weight (the counterweight plate is allowed.) and apply big reeving as possible as you can in order to reduce the working layers of the winch.
7. Select the proper hook and multiple rope fall during lifting operation. Reduce the working pulling force of single rope, and thus reduce the risk of wire rope damage.
8. Slewing radius of the counterweight: 6.8m (front position), 7.2m (middle position), 7.7m (rear position). Outrigger telescoping lengths: 9.6m, 8.8m, 6.2m

Graphical representation

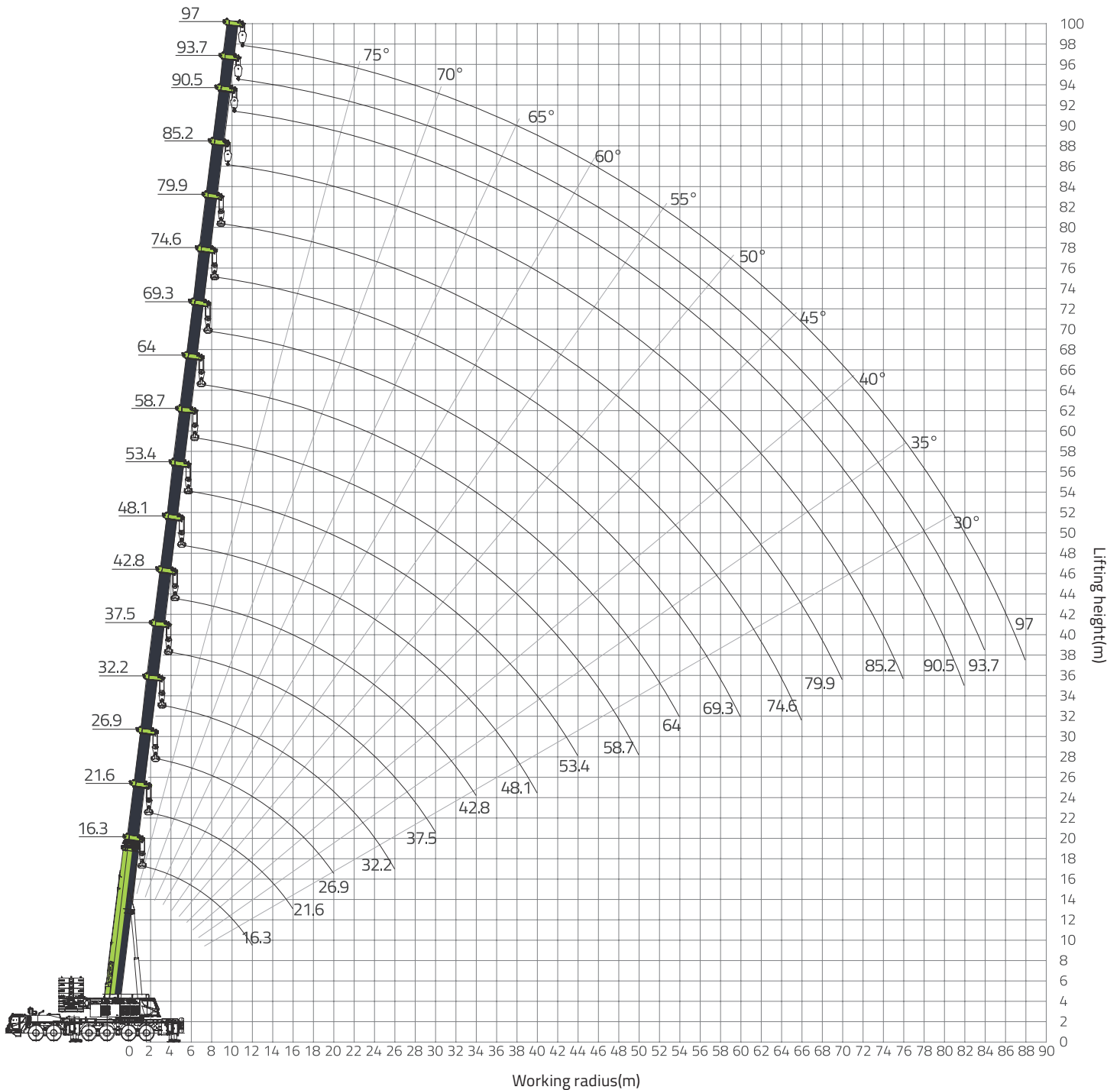


			
Main Boom OM	Boom length	Weight of counterweight	Outriggers fully extended
			
Superlift OM	Working radius	Slewing radius, counterweight	Outriggers extended for 75%
			
Jib OM	Over full range	Front position	Outriggers intermediately extended
			
Luffing Jib OM	Max. wind speed, working time	Middle position	Outriggers extended for 25%
			
Wind plant Jib OM	Max. number of fall	Rear position	

LIFTING HEIGHT CHART

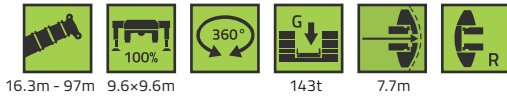
8-section main boom OM: 16.3m-97m

T8




RATED CAPACITY CHART

8-section main boom



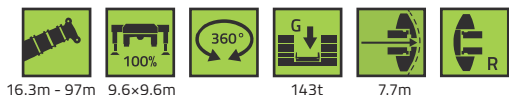
Unit: ton

	Boom length (m)										
	16.3	21.6				26.9					
2.5	600**										
3	230*										
3.5	230*	83	170	225*	230*	58	170	170	200	230*	
4	225*	80	170	225*	230*	58	170	170	200	220*	
4.5	220*	77	170	220*	220*	56	165	170	200	210*	
5	215*	73	170	210*	215*	53.5	160	170	188	205*	
6	205*	68	165	180	200	48.5	154	165	180	194	
7	195	63	155	172	195	44.8	139	160	175	187	
8	177	60	145	155	176	41.3	127	150	163	173	
9	164	56	130	140	163	38.3	117	138	153	163	
10	150	53	120	130	150	36	109	128	141	151	
11	135	50	115	122	135	33.7	101	115	122	132	
12	123.5	48	108	114	123.5	31.7	94.6	110	115	122.5	
14		44	100	108.5	106	28.5	83.6	99	105.5	104	
16		41	91	93.5	90	25.8	74.6	88	92	90	
18						23.8	67.7	80	82	78	
20						21.8	61.6	73.5	71	68	
22											
24											
26											
Nmax	18	18				18					
Wmax	14.1m/s										
Hook	220t/160t/130t/100t/80t/40t										
Telescoping mode	I	1	1	1	1	1	1	1	1	1	2
	II	1	1	1	1	2	1	1	1	2	2
	III	1	1	1	2	1	1	1	2	2	1
	IV	1	1	2	1	1	1	2	2	1	1
	V	1	1	1	1	1	1	2	1	1	1
	VI	1	1	1	1	1	1	1	1	1	1
	VII	1	2	1	1	1	3	1	1	1	1


Note:OMs marked with the asterisk (**) need the other optional hooks.

RATED CAPACITY CHART

8-section main boom



Unit: ton

	Boom length (m)										
	32.2					37.5					
4.5	60	150	168	170	230*						
5	58.5	144	168	170	220*	52	85	140	155	190	
6	53.5	131	156	170	195	47.5	85	140	155	190	
7	49.3	120	142	160	180	43	81.5	131	150	173	
8	45.3	109.5	130	155	168	39.5	77.5	120	145	157	
9	42	102	120	145	158	36.5	73.8	110.5	138	150	
10	39.1	94	111	135	152	34	70.5	103	128	145	
11	36.6	88	103.5	125	132	31.5	67.5	96	120	132	
12	34.5	82.2	97	100	122	29.6	65	90	112	122	
14	30.5	72.2	85.5	94	104	26.2	60	79.3	100	105	
16	27.5	64.5	76.5	88	91	23.3	56	71	90	91	
18	25	58.2	69.4	82.5	79	21.2	51.7	64	82	80	
20	22.8	53.1	63.2	73	69.5	19.2	47.2	58.5	73	70.5	
22	21	48.8	58.2	64	59.5	17.7	43.6	53.8	65.2	62	
24	19.5	45.2	55.5	54.5	51	16.2	40.5	49.6	57.5	53	
26	18.2	42.3	51.5	47.5	44.5	15	37.9	46.2	51.5	47	
28						14	35.6	43.2	45.5	41.2	
30						13	33.5	41	39.5	36	
32											
34											
Nmax	18					16					
Wmax	14.3m/s					11.1m/s					
Hook	220t/160t/130t/100t/80t/40t										
Telescoping mode	I	1	1	1	1	2	1	1	1	1	2
	II	1	1	1	2	2	1	1	1	2	2
	III	1	1	2	2	2	1	1	2	2	2
	IV	1	2	2	2	1	1	2	2	2	2
	V	1	2	2	1	1	1	2	2	2	1
	VI	2	2	1	1	1	3	2	2	1	1
	VII	3	1	1	1	1	3	2	1	1	1

RATED CAPACITY CHART

8-section main boom




16.3m - 97m 9.6x9.6m

143t

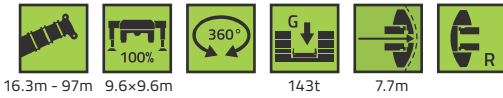
7.7m

Unit: ton


	Boom length (m)										
	42.8					48.1					
6	50	70	83	130	163						
7	46	70	83	127	163	48	58	75	88	150	
8	42.5	64	81	122	153	45	54	70	86	142	
9	39.5	59	78	116	143	41.6	49.5	65	83	136	
10	36.5	54.6	75	105	130	38.7	46	60.5	79	125	
11	34.2	50.6	71.5	99	122	36.2	42.8	56.5	75	115	
12	32	47.3	69	95	118	33.9	40.2	52.5	73	110	
14	28.3	41.7	64	82	103	29.9	35.3	46.5	68	98	
16	25.3	37.1	60	71	90	26.7	31.5	41.5	64	86	
18	23	33.3	56.2	67	80.5	24	28.2	37.5	60	77	
20	20.8	30.3	52.8	65	70	21.8	25.5	34.1	56	69	
22	19	27.6	48.7	63	62.5	20	23.1	31.1	53	61	
24	17.6	25.3	45.3	58	55.5	18.3	21.1	28.5	50	57	
26	16.3	23.2	42.5	52	48.5	16.8	19.3	26.2	47	51	
28	15	21.5	39.9	47	43	15.6	17.8	24.2	44.5	46	
30	14	20.1	37.6	42	38	14.3	16.5	22.5	42.5	40.5	
32	13.1	18.7	35.6	38	34	13.5	15.2	21	39.2	36	
34	12.2	17.3	33.6	34.5	30.5	12.5	14.1	19.5	35.8	32.4	
36						11.6	13.1	18.2	32.5	29.2	
38						10.9	12.1	17.1	29.6	26.3	
40						10.1	11.3	16.1	26.8	23.6	
42											
44											
46											
Nmax	14					13					
Wmax	11.1m/s										
Hook	220t/160t/130t/100t/80t/40t										
Telescoping mode	I	1	1	1	1	2	1	1	1	1	2
	II	1	1	1	2	2	1	1	1	2	2
	III	1	1	2	2	2	1	2	3	2	2
	IV	1	3	2	2	2	1	3	2	2	2
	V	2	2	2	2	2	3	2	2	2	2
	VI	3	2	2	2	1	3	2	2	2	2
	VII	3	2	2	1	1	3	2	2	2	1

RATED CAPACITY CHART

8-section main boom

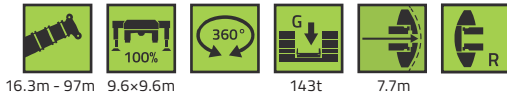



Unit: ton

	Boom length (m)										
	53.4					58.7					
8	39	57	75	79	95						
9	36	53	71.5	74	93						
10	33.2	49.5	67	68.5	85	35	53	63	70	87	
11	31	46.2	62.5	64.3	80	33	50.5	60	68	82	
12	29	43.2	58.5	60	79	31	47.5	56	64.2	78	
14	25.5	38.3	52.3	53	75	27.5	42.5	49.5	57.2	70	
16	22.6	34.3	47	47.2	71	24.5	38.5	44	51.5	63	
18	20.3	31	42.8	42.3	68	22.2	34.8	39.6	46.8	57	
20	18.3	28.2	38.8	38.5	64	20.3	31.7	35.6	42.7	53.5	
22	16.7	25.7	35.8	35	61	18.6	29	32.3	39	49.3	
24	15.2	23.7	32.8	31.8	56.5	17	26.7	29.6	35.6	45.3	
26	13.9	21.7	30.5	29.1	51	15.7	24.7	26.9	33	41.8	
28	12.8	20.1	28.1	27	46.5	14.4	23	24.7	30.5	38.5	
30	11.9	18.6	26.1	24.9	42	13.4	21.5	22.8	28.3	35.5	
32	11	17.3	24.4	23	37.6	12.3	20	21	26.3	33.2	
34	10.1	16.1	22.7	21.3	34.5	11.5	18.7	19.5	24.5	30.8	
36	9.5	15.1	21.3	19.8	31.6	10.8	17.5	18	23	28.8	
38	8.7	14.1	20	18.5	28.7	10	16.5	16.7	21.5	27	
40	8.1	13.2	18.8	17.2	26.3	9.4	15.5	15.5	20.2	24.5	
42	7.6	12.3	17.7	15.9	24	8.8	14.6	14.4	18.9	22.5	
44	7.1	11.6	16.7	15	22	8.3	13.7	13.4	17.8	20.5	
46						7.7	13	12.3	16.7	18.5	
48						7.2	12.2	11.5	15.6	16.8	
50						6.9	11.5	10.7	14.7	15.2	
Nmax	9					8					
Wmax	11.1m/s										
Hook	220t/160t/130t/100t/80t/40t										
Telescoping mode	I	1	1	1	1	2	1	1	1	2	3
	II	1	1	2	3	2	1	2	3	3	2
	III	1	3	3	2	2	1	3	3	2	2
	IV	2	3	2	2	2	3	3	2	2	2
	V	3	2	2	2	2	3	2	2	2	2
	VI	3	2	2	2	2	3	2	2	2	2
	VII	3	2	2	2	2	3	2	2	2	2

RATED CAPACITY CHART

8-section main boom




	Boom length (m)												
	64				69.3				74.6				
11	34.5	53	62	68									
12	32.5	51	59	65									
14	29.3	46	53	60	30	41	47	54	32	37.5	43	46	
16	26.3	41.6	48	55	27.2	37	43.6	50	29.5	34.5	39.2	45	
18	23.8	37.8	44	50.5	25	34.2	40	45	27	31.5	36	42	
20	21.8	34.2	40	46.5	23	31.2	37.2	42	25	29	33.5	39	
22	19.8	31.2	36.5	43.5	21	29	34	39.5	23.2	26.8	31	36	
24	18	28.2	33.3	40	19.5	26.8	31.2	36.2	21.5	24.8	28.8	33	
26	16.5	25.8	30.8	37	18	24.8	28.6	34.2	20	23	27	31.5	
28	15.2	23.8	28.3	34.5	16.6	23	26.5	31.4	18.5	21.3	25.2	29	
30	14	21.8	26.3	32.3	15.3	21.2	24.5	29.5	17.2	20	23.5	27.2	
32	13	20.1	24.3	30.1	14.2	19.6	22.6	27.5	16	18.8	22	25.2	
34	12	18.7	22.6	28	13.2	18.2	21	25.5	15	17.6	20.3	23.5	
36	11	17.2	21	26.2	12.2	16.7	19.6	23.8	14.2	16.5	19	22.2	
38	10.3	16	19.6	24.5	11.4	15.5	18.2	22.3	13.2	15.5	17.8	20.8	
40	9.6	14.8	18.2	22.8	10.8	14.3	17	20.8	12.3	14.3	16.5	19.4	
42	8.9	13.7	17	21.5	10.1	13.3	15.8	19.6	11.7	13.5	15.5	18.2	
44	8.2	12.7	16	20	9.4	12.3	14.8	18.4	11	12.5	14.3	17	
46	7.7	11.7	14.9	18.1	8.8	11.4	13.8	17.3	10.3	11.6	13.5	16	
48	7.1	10.8	13.9	16.5	8.2	10.6	12.8	16.2	9.7	10.8	12.6	15	
50	6.6	10	12.9	15	7.7	9.8	12	15.2	9.3	10.2	12	14.1	
52	6.2	9.3	12.1	13.6	7.1	9.1	11.3	13.5	8.7	9.3	11	13.2	
54	5.7	8.6	11.2	12.3	6.7	8.4	10.4	12.5	8.2	8.8	10.3	12.5	
56					6.3	7.8	9.8	11.3	7.8	8.2	9.7	11.6	
58					5.9	7.2	9.1	10.2	7.3	7.6	9.1	10.8	
60					5.6	6.6	8.4	9.1	7	7	8.3	9.7	
62									6.6	6.6	7.9	8.7	
64									6.2	6.1	7.3	7.8	
66									5.8	5.6	6.8	7	
68													
70													
72													
Nmax					6				5				4
Wmax									8.3m/s				
Hook									220t/160t/130t/100t/80t/40t				
Telescoping mode	I	1	1	2	3	1	1	2	3	1	1	2	3
	II	1	3	3	3	1	3	3	3	2	3	3	3
	III	2	3	3	2	3	3	3	3	3	3	3	3
	IV	3	3	2	2	3	3	3	2	3	3	3	3
	V	3	2	2	2	3	3	2	2	3	3	3	2
	VI	3	2	2	2	3	2	2	2	3	3	2	2
	VII	3	2	2	2	3	2	2	2	3	2	2	2

RATED CAPACITY CHART

8-section main boom



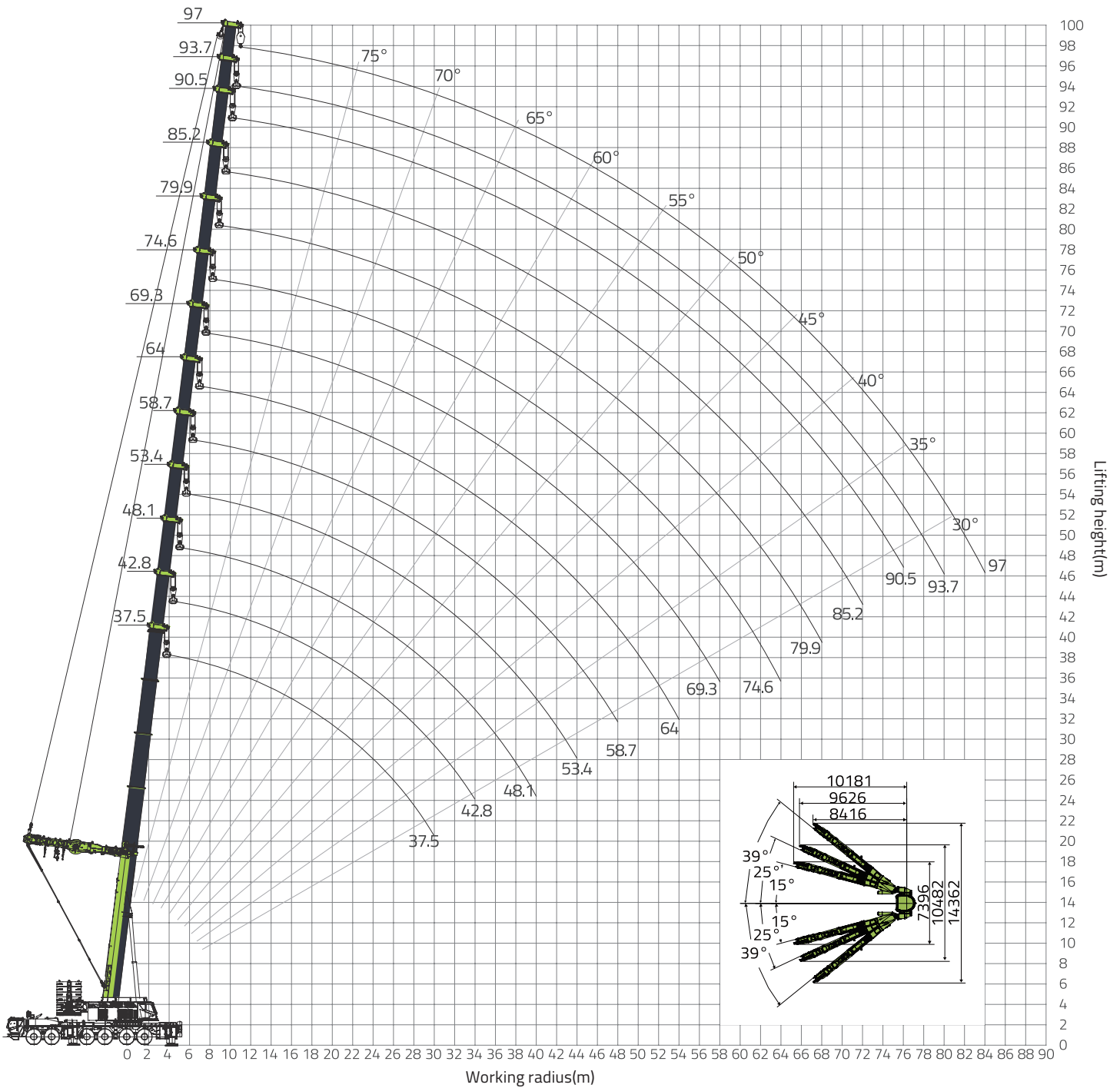
Unit: ton

	Boom length (m)								
	79.9	85.2	90.5	93.7	97				
16	30.5	35	38						
18	28.5	32.8	37	27	30				
20	26.3	30.5	35	26	28.5				
22	24.5	28.2	33	25	27.5				
24	22.8	26.2	28.5	24	25.5				
26	21.5	24.5	27	22	24.5				
28	20	22.8	25.5	21	23				
30	18.6	21.5	24.5	20	22				
32	17.6	20.2	23.5	19	21.5				
34	16.5	19	22.5	18	20.5				
36	15.4	18	20.5	17	19.5				
38	14.5	17	19.2	16	18.5				
40	13.6	16	18.2	15	17.3				
42	12.9	15	17.2	14.5	16.7				
44	12.1	14.1	16.2	13.5	15.5				
46	11.4	13.1	15.2	13	14.8				
48	10.8	12.3	14.2	12.2	13.8				
50	10	11.4	13.3	11.5	13.2				
52	9.3	10.7	12.5	11	12.5				
54	8.7	10	11.6	10.5	11.7				
56	8.2	9.3	11	9.8	11				
58	7.5	8.8	10	9.1	10.3				
60	7	8.1	9.5	8.5	9.7				
62	6.5	7.5	8.9	8	9.1				
64	6	7	8.2	7.4	8.5				
66	5.5	6.5	7.6	6.9	7.9				
68	5.1	6	6.8	6.4	7.4				
70	4.7	5.5	6.1	5.9	6.8				
72				5.5	6.2				
74				5	5.5				
76				4.6	4.8				
78					4.3				
80					3.9				
82					3.4				
84									
86									
88									
Nmax	4		3		2	2	2		
Wmax	8.3m/s								
Hook	220t/160t/130t/100t/80t/40t								
Telescoping mode	I	1	2	3	2	3	3	4	4
	II	3	3	3	3	3	3	4	4
	III	3	3	3	3	3	3	4	4
	IV	3	3	3	3	3	3	3	4
	V	3	3	3	3	3	3	3	4
	VI	3	3	2	3	3	3	3	4
	VII	3	2	2	3	2	3	3	4

LIFTING HEIGHT CHART

8-section main boom + superlift: 37.5m-97m


T8S



RATED CAPACITY CHART

8-section main boom + superlift




	Boom length (m)										
	37.5					42.8					
5	110	120	176	190	190						
6	110	120	175	186	186	112	120	120	175	175	
7	105	112	171	184	184	108	118	119	175	175	
8	100	108	162	176.5	174	107	116	117	172	169	
9	96	104	153	163.5	161	105	112	112	159	156	
10	94	100	145	150	149	102	107	107	148	145	
11	92	96	135	135	134	97	103	103	135	130	
12	87	92	124	129	124	92	99	99	128	120	
14	81	89	113	109	104	82	91	95	112	105	
16	76	86	99	95	91	75	82	90	99	91	
18	69	83	88.5	84	78	68	75	85	87	80	
20	64	80	73	71	67.5	64	73	79.5	76	70	
22	59	71	63	61	58.5	62	71.5	68	64	61	
24	55	62	56	53.5	51	58	64	60	56	53	
26	53	56	50	47.5	45	54	57	53	49.5	47	
28	51	48	44	42	39	51	51.5	47	44	41.5	
30	45.5	43	39.5	37	34.5	47.5	44	41.5	39.5	37	
32						42.8	39	37	35	32.5	
34						38.5	33.8	33.5	31.5	29	
36											
Nmax	16					14					
Wmax	11.1m/s										
Hook	220t/160t/130t/100t/80t/40t										
Telescoping mode	I	1	1	1	1	2	1	1	1	1	2
	II	1	1	1	2	2	1	1	1	2	2
	III	1	1	2	2	2	1	1	2	2	2
	IV	1	2	2	2	2	1	3	2	2	2
	V	1	2	2	2	1	2	2	2	2	2
	VI	3	2	2	1	1	3	2	2	2	1
	VII	3	2	1	1	1	3	2	2	1	1

RATED CAPACITY CHART

8-section main boom + superlift



Unit: ton


	Boom length (m)											
	48.1					53.4					58.7	
7	108	121	123	123	162							
8	106	117	119	120	162	101	122	126	132	132	90	
9	104	112.5	114	115	153	97	118	122	128	128	90	
10	102	108	109	110	142	96	113	117	121	121	90	
11	97	102	105	106	133	95	108	113	117	116	87	
12	92	96	101	102	125	90	102	109	114	113	84	
14	83	85.5	94	97	108	81.2	92	101	105	104	76	
16	75	77	86.5	93	95	73.2	83	93	95	95	69	
18	68	70	78	83	85	66.2	75	84	85	86	61	
20	62	64	74	79	72	60	68	75	74.5	74	55	
22	58	62	70	66	62	55.5	63	70.5	65.5	65	51.5	
24	56	60	63.5	61	56	50.5	58	62	58	57.5	48.5	
26	54	57	55	52.5	49	47.2	56.5	55	52.1	51.5	45.5	
28	52	52	49	47.5	44	44.5	51	49	46.6	46	42	
30	46.5	46	44.5	42.5	39	41.5	45.8	44	41.6	41	40	
32	43.5	40	38.4	38	35.5	40	41.5	40	37.6	37	39	
34	39.5	35.2	34.9	34.5	32	39	37.6	35	34.1	33.5	37.5	
36	36.5	32	31.7	31.5	28.5	36	34.5	32.5	31.1	30.5	35.5	
38	33.5	29.2	28.9	28.5	26	33.2	29.1	28.4	28	27.5	33.2	
40	30.5	26.2	25.9	25.5	23.5	30.5	27.1	26.4	26	25.5	31	
42						28.2	24.3	23.7	23.2	22.5	29	
44						26.5	22.1	21.5	21	20.5	27	
46											25	
48											22.8	
50												
52												
54												
60												
Nmax	13					11					10	
Wmax	11.1m/s											
Hook	220t/160t/130t/100t/80t/40t											
Telescoping mode	I	1	1	1	1	2	1	1	1	1	2	1
	II	1	1	1	2	2	1	1	2	3	2	1
	III	1	2	3	2	2	1	3	3	2	2	1
	IV	1	3	2	2	2	2	3	2	2	2	3
	V	3	2	2	2	2	3	2	2	2	2	3
	VI	3	2	2	2	2	3	2	2	2	2	3
	VII	3	2	2	2	1	3	2	2	2	2	3

RATED CAPACITY CHART

8-section main boom + superlift



Unit: ton


	Boom length (m)													
	58.7				64				69.3					
8	115	116	118	122										
9	114	115	116	120	84	102	105	111						
10	108	111	112	114	83	102	105	110						
11	103	108	110	109	81	96	100	108	73	85	90	100		
12	97.5	104	106	105	78.5	92	98	106	73	82	87	98		
14	88.5	96.5	99	98.5	73	85	93	101	67	75.5	80	90		
16	80.5	87	90	89.5	67	78	85	93	60	67	73	82		
18	71	75	80	82	60	71	77	83	57	64	68	76		
20	64	67	74	72	55	64	69	74	52.5	59	63	70		
22	60	63	67	64	52	60.5	67	65	49	54.5	58.5	64		
24	56.5	62	57.5	57	48	57	60	56.5	44.5	49.5	53	58		
26	53.5	55.5	51	50.5	44.5	54.5	52.5	50.5	42.5	47	51.5	50.5		
28	50.3	48	45.5	45	41.5	49.5	47	45	39	43.5	47.5	45		
30	45.2	42.5	40.6	40	40.5	44.5	42	40	37	41.5	43	40.2		
32	41.2	38.5	37	36.5	38.8	40.2	37.5	36	35	39	38.5	36.2		
34	36	34.6	33.5	33	37.2	35.2	33.6	32.2	32.5	36.8	34.5	32.5		
36	32	31.3	30	29.5	35.2	31.8	30	29	31	33.8	31.2	29.3		
38	29.5	28.7	27.5	27	33.2	28.6	27.3	26.4	30.5	30.8	28.3	26.8		
40	27.3	26	24.8	24.5	30.3	26.3	24.8	23.8	28.5	27.2	25	24		
42	24.5	23.7	22.5	22.2	28.2	23.8	22.8	21.8	27	24.5	23	21.8		
44	22.2	21.5	20.6	20	26	21.6	20.6	19.8	25.5	22.6	21	20		
46	20.2	19.5	18.2	18	24.2	19.8	18.5	17.6	23.6	20.8	19.3	18.2		
48	18.5	17.6	16.6	16.2	22.3	18	16.8	16	22	19	17.7	16.5		
50					20.6	16.6	15.5	14.7	20.8	17.5	16.3	15.2		
52					18.8	14.6	13.5	12.7	18.9	15.6	14.3	13.3		
54					17.5	13.6	12.5	11.7	17.5	14.3	13	12		
56									16.5	13.2	12	11		
58									15	12.3	11	10		
Nmax	10				9				8					
Wmax	11.1m/s				8.3m/s									
Hook	220t/160t/130t/100t/80t/40t													
Telescoping mode	I	1	1	2	3	1	1	2	3	1	1	2	3	
	II	2	3	3	2	1	3	3	3	1	3	3	3	
	III	3	3	2	2	2	3	3	2	3	3	3	3	
	IV	3	2	2	2	3	3	2	2	3	3	3	2	
	V	2	2	2	2	3	2	2	2	3	3	2	2	
	VI	2	2	2	2	3	2	2	2	3	2	2	2	
	VII	2	2	2	2	3	2	2	2	3	2	2	2	

RATED CAPACITY CHART

8-section main boom + superlift



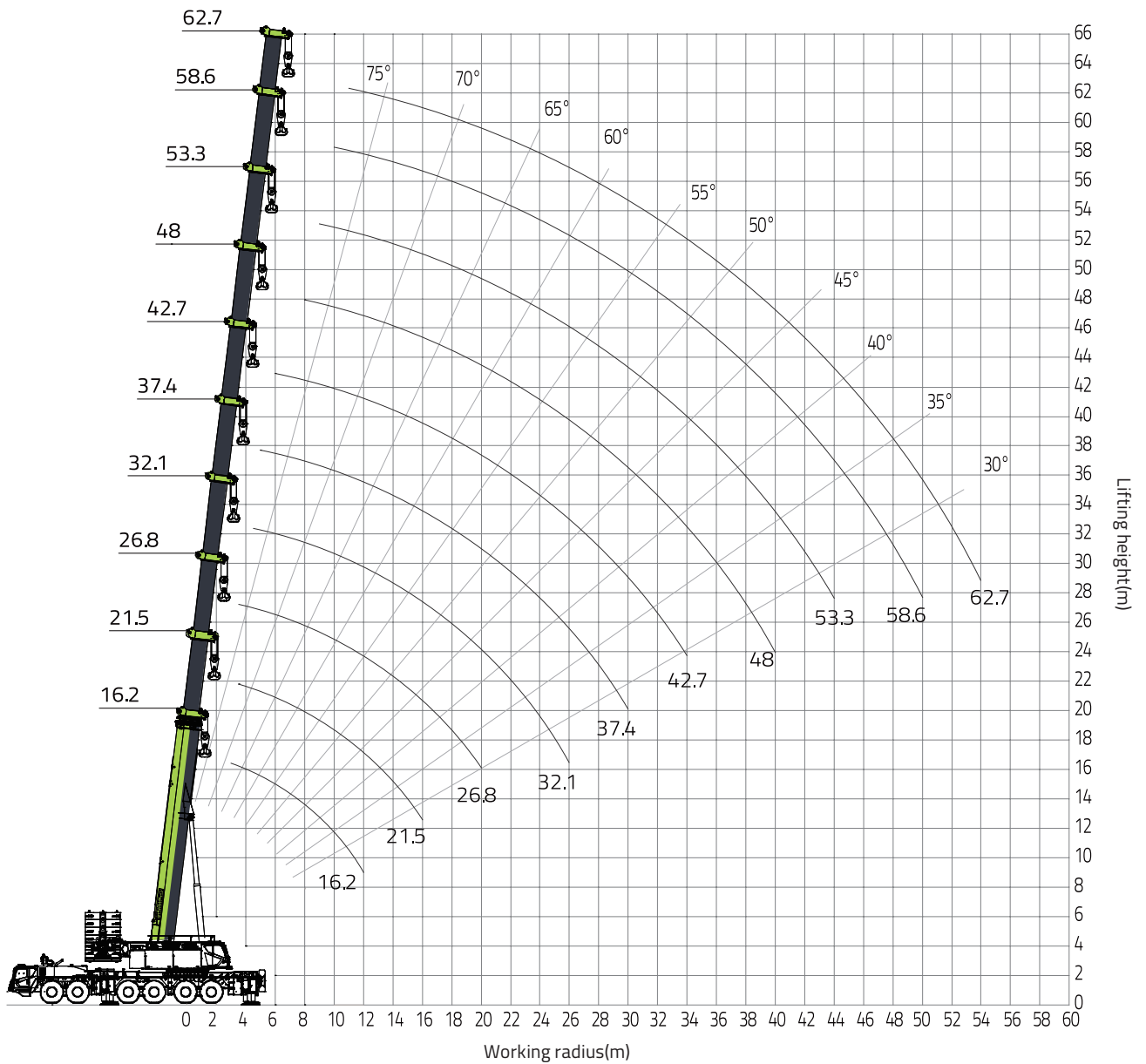
Unit: ton

	Boom length (m)												
	74.6				79.9			85.2		90.5	93.7	97	
12	67	72	75	85									
14	66	69	73	80	61	64	72						
16	61	64	68	74	60	63	68.5	57	62	54			
18	56.5	59.5	63	69	55	58	64	54	58.5	52.5	50	45	
20	52	55	58.5	64	52	55	60	50	55	50	47	43	
22	48.5	51	54	60	48.5	51	56	48.5	51.5	47	44	41	
24	45.5	48	51	56	45.5	48	52	45	48.7	44.5	42.5	38	
26	41	43.5	46	52	42.5	45	49	42.5	45.5	42	40.5	36	
28	38.5	40.5	43	46	40	42.5	46	40.5	43	39.5	37.5	33	
30	37	39	41.5	40.6	37	39	41.5	38	40.7	37.5	35	31	
32	34.5	36	38.8	36.5	35	38	37.5	36	37.8	35.5	33	29.5	
34	33.5	35	35.5	32.8	33.5	36	33.6	35	34	33.5	31	27.5	
36	32	33	32.2	29.8	33	32.5	30.5	32.7	31	31.5	29	25.5	
38	31	31.3	28.6	27.1	31	30	27.7	30.6	28.5	29.2	27	23.5	
40	29	28.5	26.3	24.6	29.4	27	25.2	28	26	26.5	24.5	22	
42	27.3	25.8	23.7	22.3	26.8	24.5	23	25.8	23.6	24	22.3	20.8	
44	25.3	23.5	21.8	20.5	24.7	22.3	21	23.8	21.5	22.2	20.8	19.8	
46	23.3	21.5	20	18.6	23.1	20.6	19.2	21.8	19.6	20.5	19.1	18.8	
48	21.5	19.8	18.5	17	21.3	19	17.5	19.8	17.9	18.8	18	17.8	
50	20	18.3	17	15.5	19.6	17.3	16.1	18.3	16.5	17.3	16.8	16.8	
52	18.7	17	15.5	14.1	18	16	14.5	16.8	15	16.1	15.7	15.7	
54	17.3	15.8	14.3	12.8	16.7	14.6	13.2	15.6	13.7	14.5	14.1	14.2	
56	16	14.3	12.8	11.5	15.4	13.3	12	14.3	12.6	13.5	13.1	13.2	
58	14.6	13.2	11.7	10.3	14.2	12.2	10.8	13	11.4	12.4	11.9	12	
60	13.5	12.2	10.7	9.3	13.2	11.2	9.9	11.8	10.3	11.2	10.9	10.9	
62	12.5	11.1	9.6	8.3	12	10.1	8.8	11	9.5	10.3	10	10	
64	10.9	9.5	8.1	7	10.9	9.1	7.8	10	8.6	9.5	9	9	
66					10	8.2	6.8	9.2	7.7	8.6	8.1	8	
68					9	7.3	6	8.5	7	7.8	7.2	7.2	
70								7.6	6.3	6.8	6.4	6.3	
72								6.8	5.5	6.2	5.6	5.6	
74										5.1	4.9	5	
76										4.3	4.3	4.4	
78											3.6	3.7	
80											3.1	3.1	
82												2.6	
84												2	
86													
88													
90													
Nmax		7			6			6		5	5	4	
Wmax							8.3m/s						
Hook													
		220t/160t/130t/100t/80t/40t											
Telescoping mode	I	1	1	2	3	1	2	3	2	3	3	4	4
	II	2	3	3	3	3	3	3	3	3	3	4	4
	III	3	3	3	3	3	3	3	3	3	3	4	4
	IV	3	3	3	3	3	3	3	3	3	3	3	4
	V	3	3	3	2	3	3	3	3	3	3	3	4
	VI	3	3	2	2	3	3	2	3	3	3	3	4
	VII	3	2	2	2	3	2	2	3	2	3	3	4

LIFTING HEIGHT CHART

5-section main boom OM: 16.3m-62.7m

T5



RATED CAPACITY CHART

5-section main boom




16.3 - 62.7m 9.6x9.6m

143t

7.7m

Unit: ton

	Boom length (m)								
	16.2	21.5			26.8				
3	230*								
3.5	230*	145	225*	230*	135	155	210	230*	
4	230*	140	225*	230*	130	150	205	220*	
4.5	225*	135	220*	225*	125	145	200	210	
5	220*	130	210	220*	120	140	190	207	
6	210	125	190	205	110	135	180	195	
7	200	115	180	198	100	130	175	189	
8	180	110	165	179	90	125	163	175	
9	167	103	155	166	85	120	153	165	
10	153	96	145	153	80	115	143	153	
11	137	90	135	137	75	110	132	134	
12	126	83	127	125.5	70	105	122	125	
14		77	109	108	63	96	108	106	
16		70	93	92	57	85	94	92	
18					52	76	82	80	
20					48	70	72	70	
22									
24									
26									
28									
Nmax	18	18			18				
Wmax	14.1m/s								
Hook	220t/160t/130t/100t/80t								
Telescoping mode	I	1	1	1	1	1	1	1	2
	II	1	1	1	2	1	1	2	2
	III	1	1	2	1	1	2	2	1
	IV	1	2	1	1	3	2	1	1


Note:OMs marked with the asterisk (**) need the other optional hooks.

RATED CAPACITY CHART

5-section main boom



Unit: ton

										
	32.1			37.4			42.7			
4.5	100	170	210							
5	95	160	210	103	107	185				
6	85	155	196	96	100	178	103	123	130	
7	80	145	181	88	92	170	98	116	122	
8	73	140	169	82	85	159	90	108	115	
9	66	135	159	76.5	80	152	83.5	101	110	
10	63	130	152	71	75	147	77.5	94	105	
11	60	125	134	67	70	134	72.5	88.5	99	
12	55	120	124	62.5	66	124	68	83.5	96	
14	50	108	106	55.5	60	107	60	74.5	86	
16	44.5	95	93	50	54	94	54	67.5	77	
18	40	83	81	45.5	49.5	82	49	61.5	69	
20	37	73.5	71.5	41.5	45.5	72.5	44.5	56	63	
22	33.5	63.5	61.5	38	42	63	41	51.5	58	
24	31	55.5	53	35.5	39	55	37.5	48	53	
26	29	48.5	46	32.5	36.5	48	35	44.5	49	
28				30	33.5	43.5	32	41.5	45	
30				27.5	31	38	29.5	39	40	
32							27	36.5	36	
34							25	33	32	
36										
38										
40										
42										
Nmax	18			16			12			
Wmax	14.1m/s			11.1m/s						
Hook	220t/160t/130t/100t/80t									
Telescoping mode	I	1	1	2	1	1	2	1	2	3
	II	1	2	2	1	2	2	3	3	2
	III	2	2	2	3	2	2	2	2	2
	IV	3	2	1	3	3	2	3	2	2

RATED CAPACITY CHART

5-section main boom




16.3 - 62.7m

9.6x9.6m

143t

7.7m

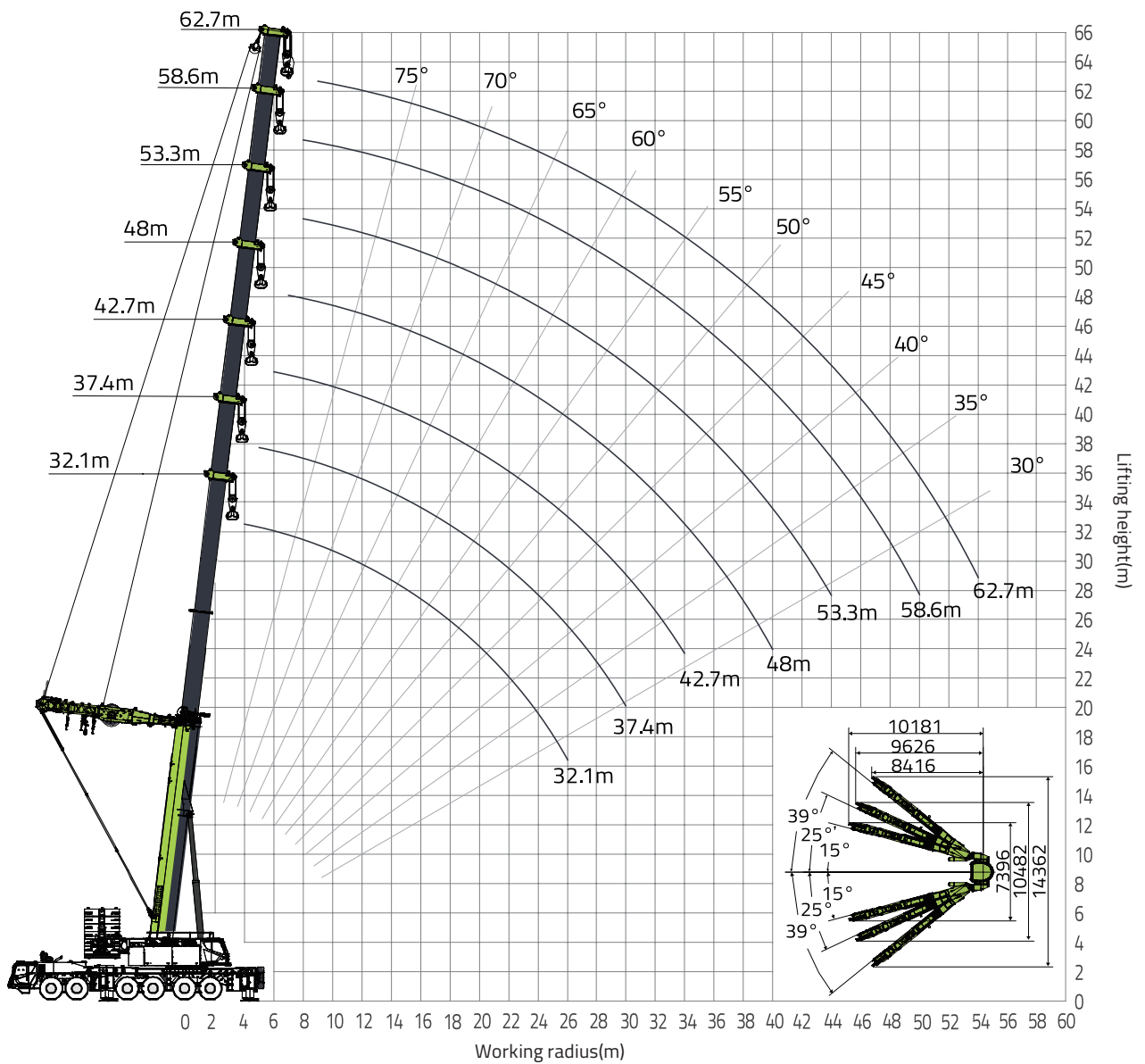
Unit: ton

								
	48			53.3		58.6	62.7	
8	83	99	110					
9	77	95	105	82	96			
10	72	89	100	77	90	80		
11	67	84	95.5	73	85	76	68	
12	63	80.5	90	70	80	73	66	
14	60	73.5	80	63	73	66	62	
16	50	67	72	56	65	60	57	
18	45	62	65	52.3	61	55	52	
20	41	57.5	59	48	56	51	48	
22	37.5	53	54	43.3	50.5	47	45	
24	34.5	49	50	39.5	46	44	42	
26	32	45.5	46	37	43	40.5	39	
28	29.5	42	42.5	34.6	40	38	36	
30	27.5	39	39.5	32.2	37	35.5	34	
32	25.5	36.5	37	30.2	34.5	33	32	
34	24	34	33	28.5	32.5	31	30	
36	22	30.8	30	26.8	30.5	29.5	28	
38	20.2	27.8	27	25	28.5	28	26	
40	18.8	24.8	24	23.3	25.5	26	24.5	
42				22	23.5	24.5	23	
44				20.3	20.5	22.5	21.5	
46						20.5	20.5	
48						18.5	19	
50						16.7	17.5	
52							16	
54							14.5	
56								
58								
Nmax	11			9		7	6	
Wmax	11.1m/s							8.3m/s
Hook	220t/160t/130t/100t/80t							
Telescoping mode	I	1	3	3	2	3	3	4
	II	3	2	3	3	3	3	4
	III	3	2	2	3	3	3	4
	IV	3	3	2	3	2	3	4

LIFTING HEIGHT CHART

5-section main boom + superlift: 32.1m-62.7m

T5S




RATED CAPACITY CHART

5-section main boom + superlift



Unit: ton


	Boom length (m)									
	32.1			37.4			42.7			
4	190	190	210							
4.5	190	190	210							
5	190	190	210	180	182	190				
6	180	190	196	170	172	185	160	170	175	
7	170	180	181	163	165	179	156	170	175	
8	160	167	168	157	158	168	150	166	169	
9	150	158	158	149	150	158	140	153	156	
10	140	146	147	139	140	146	132	143	145	
11	130	133	133	129	130	133	123	128	130	
12	120	123	123	122	123	123	113	117	120	
14	110	107	105	106	107	106	102	105	105	
16	96	94	92	93	94	92	93	92	91	
18	82.5	81.5	80	82	81.5	80	82	80.5	80	
20	73.5	72	70.5	72.5	72	70	72	70.5	70	
22	63.5	62	60.5	63.5	63	61	63	61.5	61	
24	55	53.5	52	56.5	56	54	56	54.5	54	
26	47.5	46.5	45	49.5	49	47	51	49.5	49	
28				44.5	44	42	45	43.5	43	
30				39.5	39	37	40	38.5	38	
32							36	34.5	34	
34							32	30.5	30	
36										
38										
40										
Nmax	18			16			14			
Wmax	11.1m/s									
Hook	220t/160t/130t/100t									
Telescoping mode	I	1	1	2	1	1	2	1	2	3
	II	1	2	2	1	2	2	3	3	2
	III	2	2	2	3	2	2	2	2	2
	IV	3	2	1	3	3	2	3	2	2

RATED CAPACITY CHART

5-section main boom + superlift



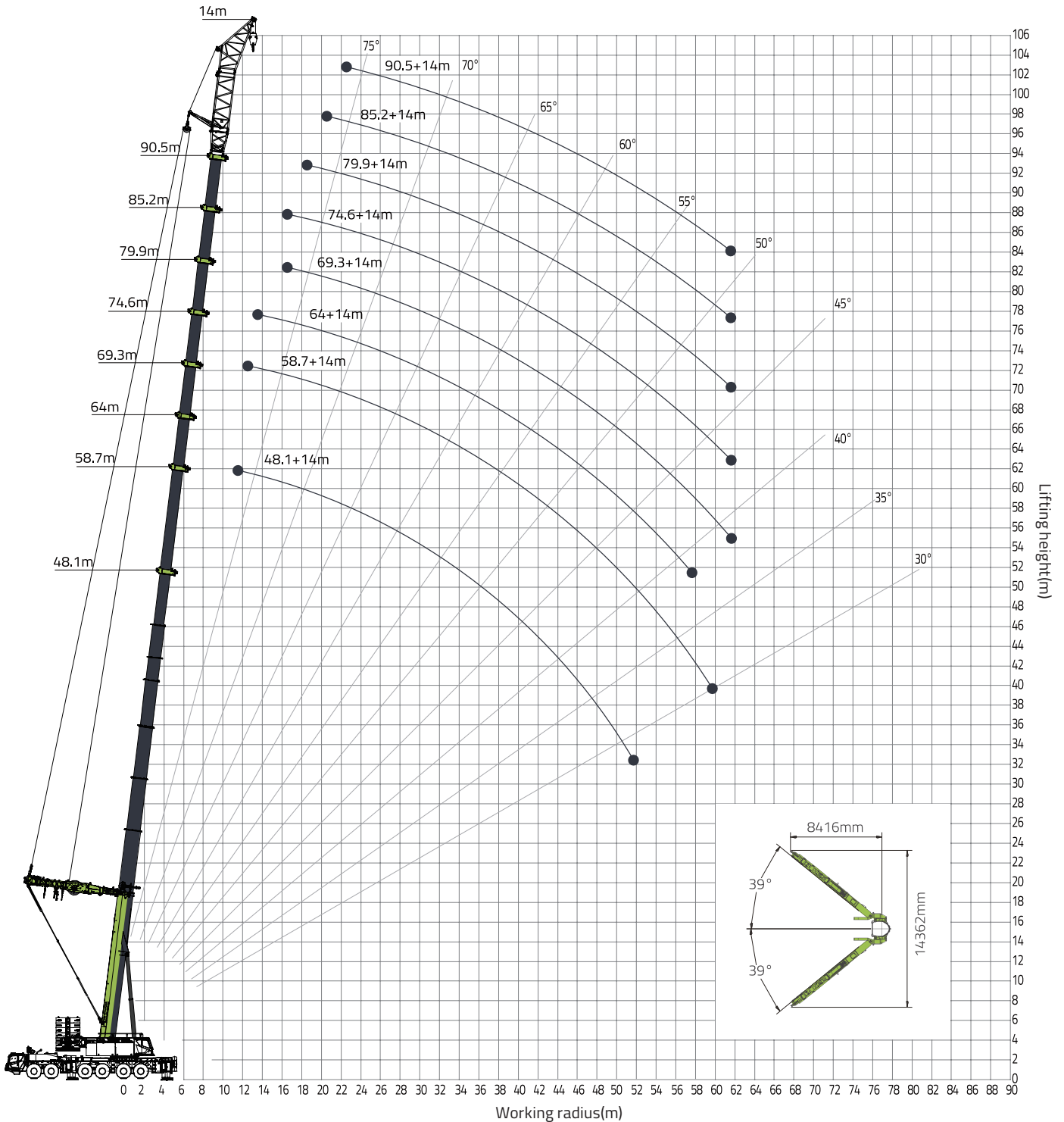
Unit: ton

	Boom length (m)							
	48			53.3		58.6	62.7	
7	150	153	165					
8	148	150	162	130	135	107		
9	146	148	153	126	128	107	90	
10	136	138	140	120	121	104	90	
11	125	128	131	116	116	102	90	
12	115	119	122	113	113	100	88	
14	100	104	105	104	104	96	85	
16	92	92	92	94	93	90	77	
18	82	79.5	79	82	81	82	68	
20	71	69.5	69	71.5	71	72	63	
22	64	61.5	61	63.5	63	64	57	
24	56	54.5	54	56	55.5	57	53	
26	49	47.5	47	50.5	49.5	51	48	
28	45	43.5	43	45	44	45.5	45	
30	41	39.5	39	40	39	40.5	41	
32	38	36.5	36	37	36	37	37	
34	34	32.5	32	34	33	33	33	
36	31	29.5	29	31.5	30.5	31	30	
38	27	26.5	26	29	28	28	28	
40	25	23.5	23	26	25	26	26	
42				23.5	22.5	24	24	
44				21	20	22	22	
46						20	20	
48						18	18	
50						16	16.5	
52							15	
54							13.5	
56								
Nmax	13			11		10	9	
Wmax	11.1m/s						8.3m/s	
Hook	220t/160t/130t/100t							
Telescoping mode	I	1	3	3	2	3	3	4
	II	3	2	3	3	3	3	4
	III	3	2	2	3	3	3	4
	IV	3	3	2	3	2	3	4

LIFTING HEIGHT CHART

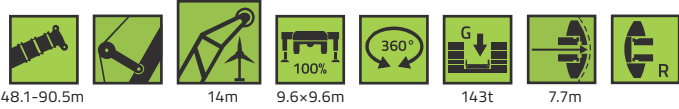
8-section main boom + superlift + 14m wind plant jib OM: 48.1m-90.5m

T8AJS




RATED CAPACITY CHART

Main boom+ superlift + 14m wind plant jib



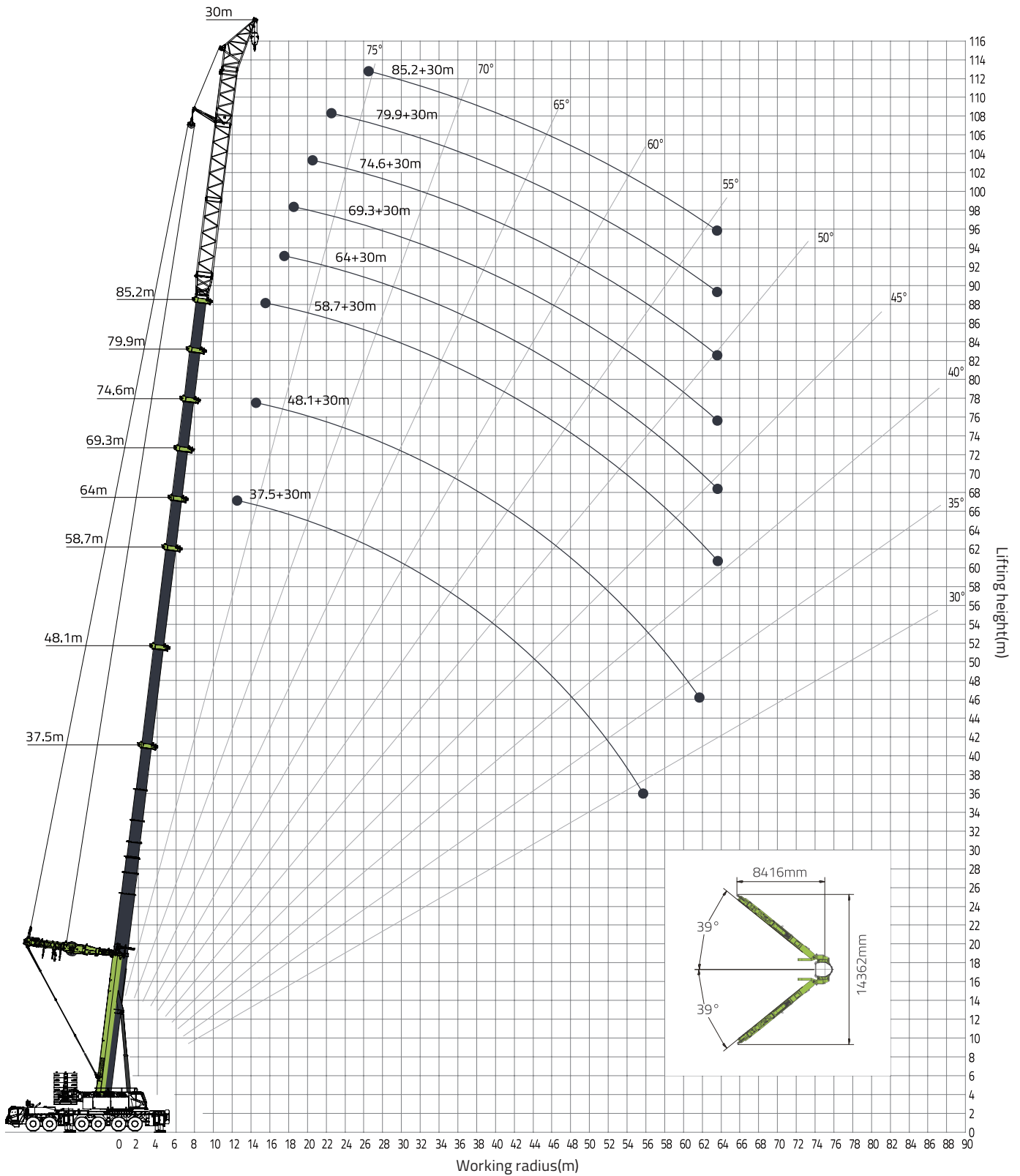
Unit: ton

	48.1	58.7	64	69.3	74.6	79.9	85.2	90.5
	Main boom(m) +14m wind plant jib							
	62.1	72.7	78	83.3	88.6	93.9	99.2	104.5
11	92							
12	89	84						
13	86	81	80					
14	84	78	75					
16	74	60	70	70	61			
18	64	65	65	63	57	52		
20	59	60	60	56	52	50	40	
22	52	52	52	50	48	47	37	35
24	45	46	46	46	45	44	34	33
26	40	41	41	42	41	42	32	31
28	36	37	36	37	37.6	39	31	29
30	31	32	31.6	33	33.4	36	30	27
32	28	29	28.6	29	29.5	33	28	25
34	26	26	25.4	26	26.4	30	26	23
36	23.7	23	22.5	23	23.6	27	24	21
38	21.7	20.6	20	20.4	21	24	22	19
40	19.8	19	18.5	18.6	19	21.4	20	17
42	18.2	16.6	16.2	16.4	17	19.5	18	15.5
44	16.2	15	14.7	14.6	15	17.5	16.5	13.5
46	14.7	14.5	14.1	14	14.1	15.6	14.5	11.5
48	13.2	13	12.8	12.7	12.8	14	12.5	10.8
50	11.7	11.5	11.2	11.1	11.2	11.6	11.5	10.3
52	10.2	10.5	10.2	10.1	10.2	10.6	10.8	9.8
54		9.5	9.2	9.1	9.2	9.6	9.8	9.2
56		8.3	8	7.9	8	8.4	8.8	8.7
58		7.3	7	6.9	7	7.3	7.7	8.2
60		6.3		6.1	6.2	6.5	6.9	7.3
62				5.1	5.2	5.5	5.9	6.3
Nmax	8	7	7	6	6	5	4	3
Wmax	8.3m/s							
Hook	100t/80t/40t							
Telescoping mode	I	2	3	3	3	3	3	3
	II	2	2	3	3	3	3	3
	III	2	2	2	3	3	3	3
	IV	2	2	2	2	3	3	3
	V	2	2	2	2	2	3	3
	VI	2	2	2	2	2	2	3
	VII	1	2	2	2	2	2	2

LIFTING HEIGHT CHART

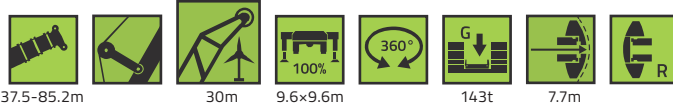
8-section main boom + superlift + 30m wind plant jib OM: 37.5m-85.2m

T8AJS




RATED CAPACITY CHART

Main boom+ superlift + 30m wind plant jib



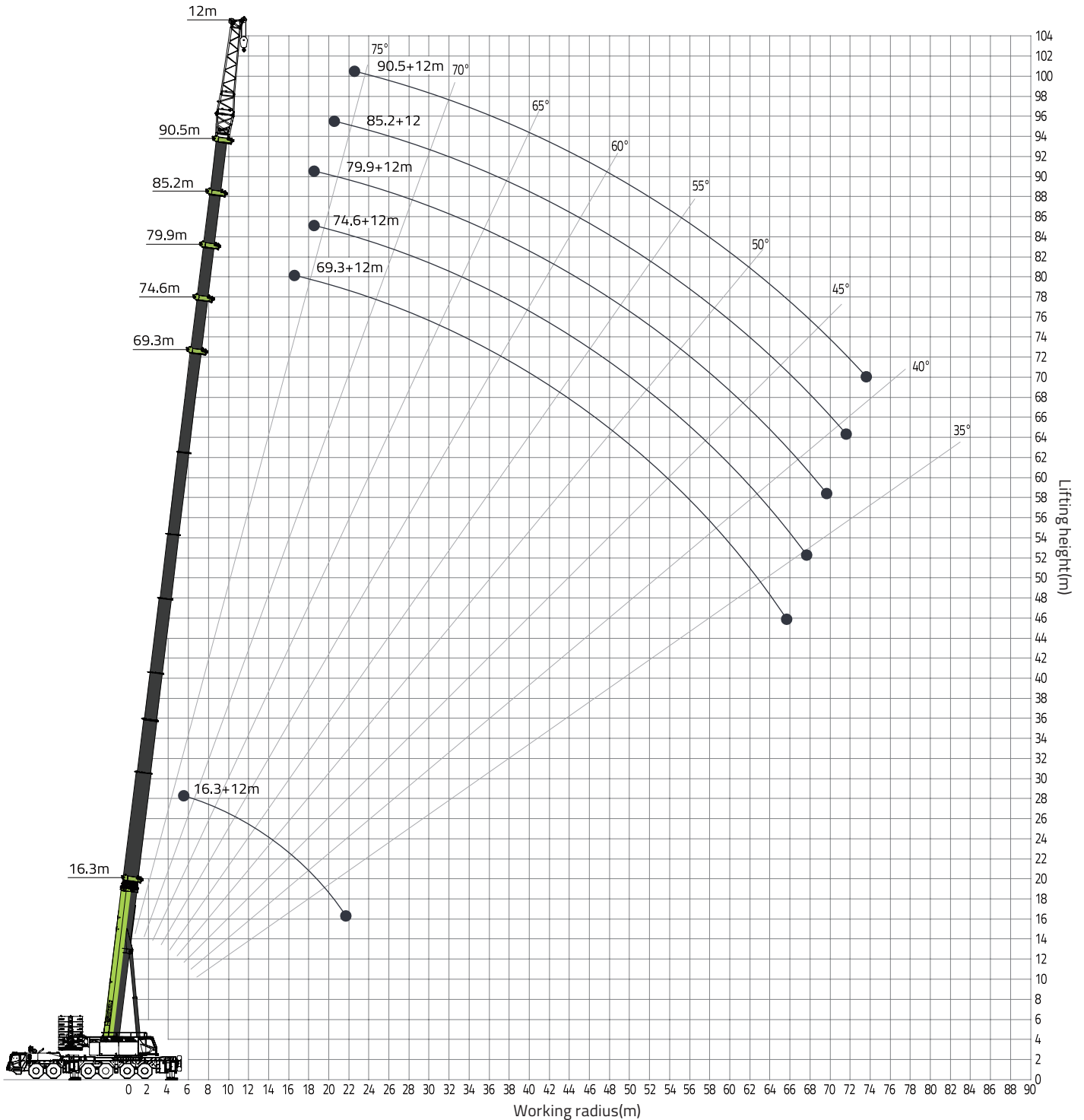
Unit: ton

	37.5	48.1	58.7	64	69.3	74.6	79.9	85.2	
	Main boom(m) +30m wind plant jib								
	67.5	78.1	88.7	94	99.3	104.6	109.9	115.2	
12	82								
13	76								
14	70	76							
15	67.5	69	64						
16	65	65	60						
17	62.5	62.5	58	55					
18	60	60	56	50	46				
20	57	57	54	46	43	40			
22	52	53	51	42	40	36	34		
24	46	47	46	40	38	32	30		
26	40	41	41	38	36	29	27	29	
28	37	37.5	37	36	34	28	25	25	
30	34	34	33	33	32	27	24	23.2	
32	30	30.5	29.4	30	29.8	26	23	22.2	
34	27	27.5	26.2	26.8	27	25	22	21.2	
36	24	24.5	23.8	24.3	24.4	24	21	20.5	
38	22	22.5	21	21.6	22	22	20	19.4	
40	19.5	20	19	19.6	19.8	20	18	17.3	
42	18	18.2	17.2	17.8	18	18	16	15.3	
44	16	16.5	15.4	16	16.2	16.4	15	14.1	
46	14.5	15	13.9	14.4	14.5	14.8	14	13.1	
48	13.5	14	12.5	13	13.2	13.5	13	12.2	
50	13	13.4	11	11.5	11.6	12	11.8	11	
52	12.2	12.6	10.3	10.5	10.2	10.5	10.2	9.5	
54	11.2	11.6	9.9	10	9.9	9.9	9.2	8.6	
56	10.2	10.6	9.5	9.4	9.2	9.2	9	8.4	
58		9.6	9.1	8.6	8.4	8.4	8.6	8.2	
60		8.6	8.1	7.6	7.4	7.4	7.6	7.5	
62		7.5	7.1	6.6	6.4	6.4	6.6	6.8	
64			6.2	5.8	5.6	5.6	5.7	5.9	
66									
68									
Nmax	7	7	6	6	5	4	3	3	
Wmax	8.3m/s								
Hook	100t/80t/40t								
Telescoping mode	I	2	2	3	3	3	3	3	
	II	2	2	2	3	3	3	3	
	III	2	2	2	2	3	3	3	
	IV	2	2	2	2	2	3	3	
	V	1	2	2	2	2	2	3	3
	VI	1	2	2	2	2	2	2	3
	VII	1	1	2	2	2	2	2	2

LIFTING HEIGHT CHART

8-section main boom + 12m fixed jib (rear luffing) OM:16.3m-90.5m

T8F




RATED CAPACITY CHART

Main boom + 12m fixed jib (rear luffing)



Unit: ton

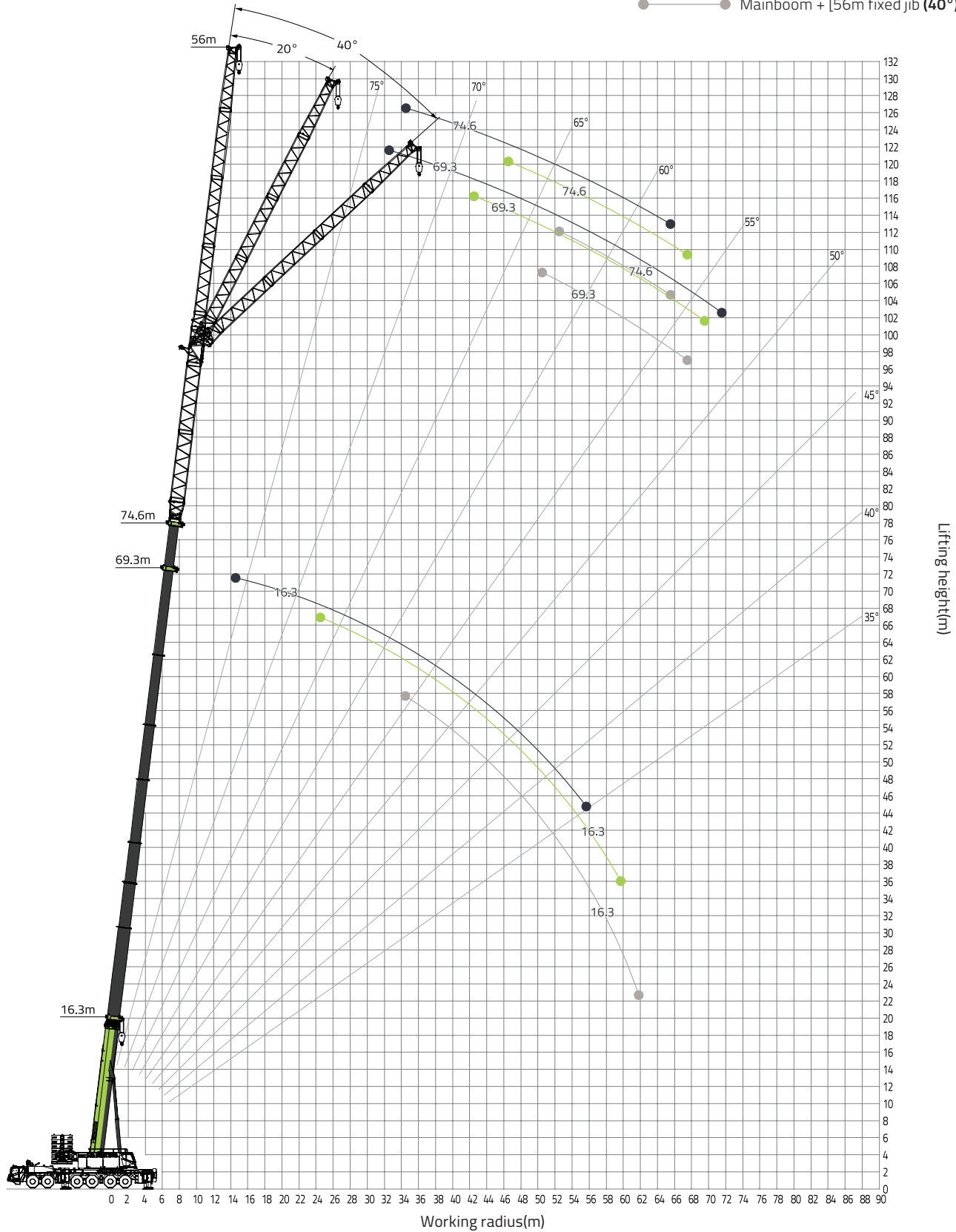
	16.3	69.3	74.6	79.9	85.2	90.5
	Main boom(m) + 12m fixed jib (rear luffing)					
	0°	0°	0°	0°	0°	0°
5	68					
6	64					
7	59					
8	55					
9	51					
10	46					
11	43					
12	40					
14	36					
16	33	31				
18	30	30	24	20.5		
20	28	28.5	23	19.5	17	
22	26	26.3	22	18.9	16.5	14
24		24.3	20.5	17.8	16	13.5
26		22.5	19.1	16.7	15	13
28		21	18	15.8	14.3	12.6
30		19.5	16.9	14.9	13.5	12
32		18.2	15.9	14	12.6	11.3
34		16.9	15	13.3	12	10.8
36		15.8	14.1	12.5	11.4	10.2
38		14.8	13.3	11.7	10.8	9.6
40		13.9	12.6	11.1	10.1	9.1
42		13	12	10.5	9.7	8.7
44		12.2	11.3	9.9	9.2	8.2
46		11.4	10.6	9.4	8.6	7.7
48		10.7	9.8	8.9	8.3	7.3
50		10	9.2	8.4	7.8	7
52		9.4	8.6	8	7.4	6.6
54		8.8	8	7.5	7	6.3
56		8.3	7.5	7	6.6	6.1
58		7.7	7	6.6	6.3	5.7
60		7.2	6.6	6.2	5.9	5.3
62		6.6	6	5.7	5.6	5
64		5.9	5.6	5.3	5.2	4.8
66		5	5.1	5	4.8	4.5
68			4.5	4.5	4.4	4.2
70				4	4	3.9
72					3.7	3.6
74						3.4
76						
Nmax	6	3	2	2	2	2
Wmax	8.3m/s					
Hook	80t/40t/12t					
Telescoping mode	I	1	3	3	3	3
	II	1	3	3	3	3
	III	1	3	3	3	3
	IV	1	2	3	3	3
	V	1	2	2	3	3
	VI	1	2	2	2	3
	VII	1	2	2	2	2

LIFTING HEIGHT CHART

8-section main boom + 56m fixed jib (front luffing) OM:16.3m-74.6m

T8F

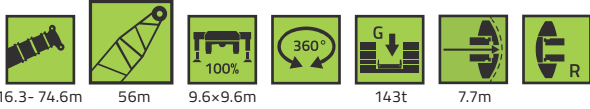
- Mainboom + [56m fixed jib (0°)]
- Mainboom + [56m fixed jib (20°)]
- Mainboom + [56m fixed jib (40°)]




RATED CAPACITY CHART

Main boom + 56m fixed jib (front luffing)

Unit: ton

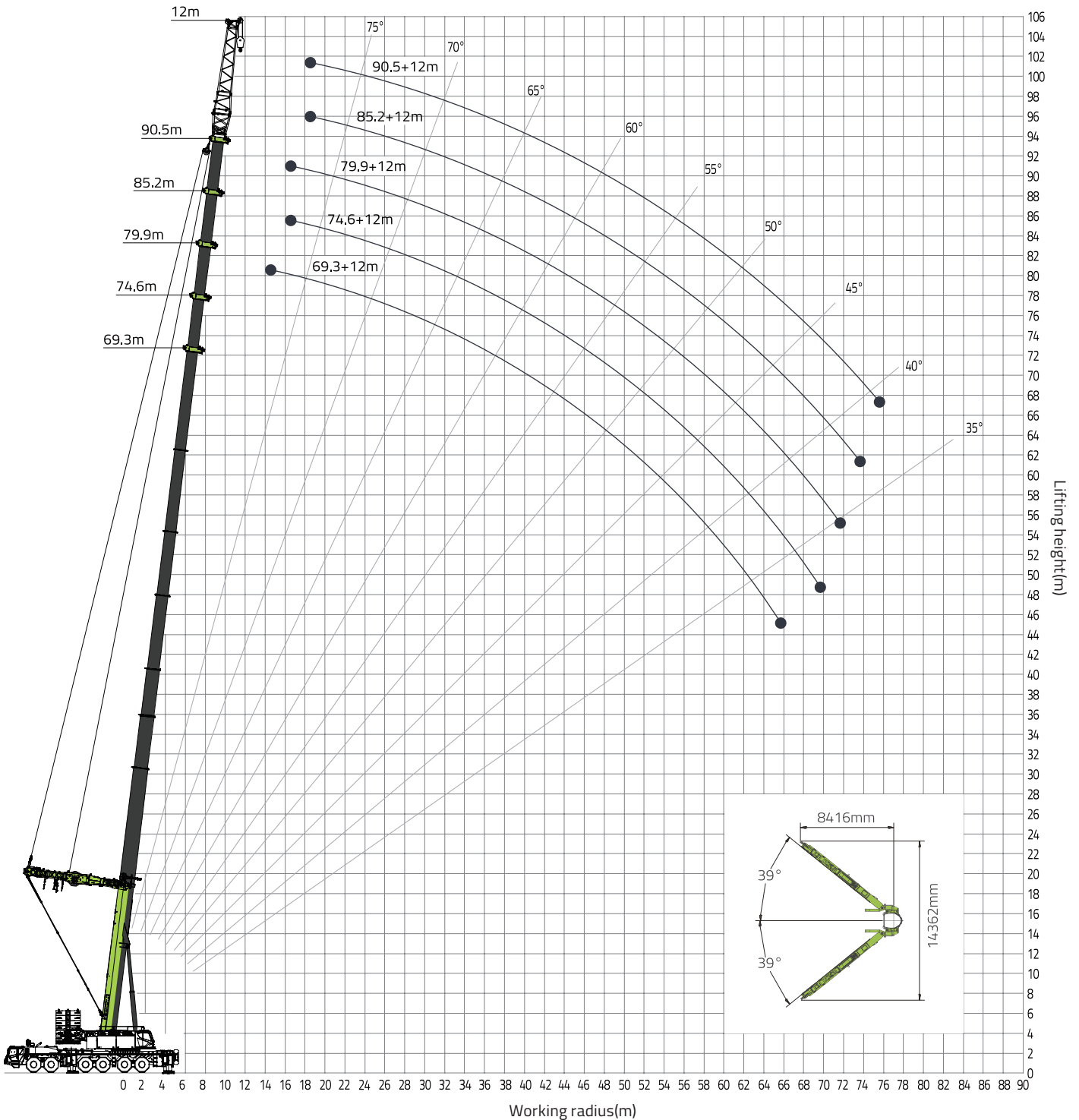


	16.3			69.3			74.6			
	Main boom(m) + 56m fixed jib (front luffing)									
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
12										
14	12.5									
16	11.3									
18	10.2									
20	9									
22	8									
24	7.3	7								
26	6.8	6.4								
28	6.3	6								
30	5.9	5.6								
32	5.5	5.2		6.6						
34	5.1	4.9	4.8	6.2			5.2			
36	4.8	4.6	4.5	5.8			5.1			
38	4.5	4.3	4.3	5.5			4.8			
40	4.2	4.1	4	5.2			4.6			
42	4	3.9	3.8	4.9	4.3		4.3			
44	3.7	3.6	3.6	4.7	4		4.1			
46	3.5	3.4	3.4	4.4	3.8		3.9	3.3		
48	3.3	3.3	3.2	4.2	3.6		3.7	3.2		
50	3.1	3.1	3.1	4	3.5	3.2	3.5	3		
52	2.8	2.9	2.9	3.7	3.3	3	3.3	2.9	2.3	
54	2.6	2.7	2.7	3.6	3.1	2.8	3	2.7	2.3	
56	2.4	2.5	2.5	3.4	3	2.7	2.8	2.6	2.2	
58		2.3	2.3	3.2	2.9	2.6	2.6	2.4	2.1	
60		2	2	3.1	2.8	2.5	2.3	2.3	2	
62			1.8	2.9	2.7	2.4	2.1	2.2	1.9	
64				2.7	2.5	2.3	1.8	2	1.8	
66				2.5	2.3	2.2	1.6	1.8	1.7	
68				2.4	2.2	2		1.6		
70				2.2	2					
72				2						
74										
Nmax	2	1	1	1	1	1	1	1	1	
Wmax	8.3m/s									
Hook	40t/12t									
Telescoping mode	I	1			3			3		
	II	1			3			3		
	III	1			3			3		
	IV	1			2			3		
	V	1			2			2		
	VI	1			2			2		
	VII	1			2			2		

LIFTING HEIGHT CHART

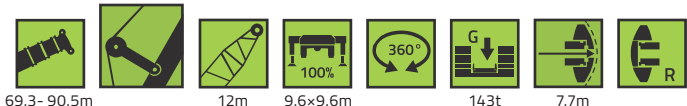
8-section main boom + superlift + 12m fixed jib (rear luffing) OM:69.3.3m-90.5m

T8FS




RATED CAPACITY CHART

Main boom + superlift + 12m fixed jib (rear luffing)



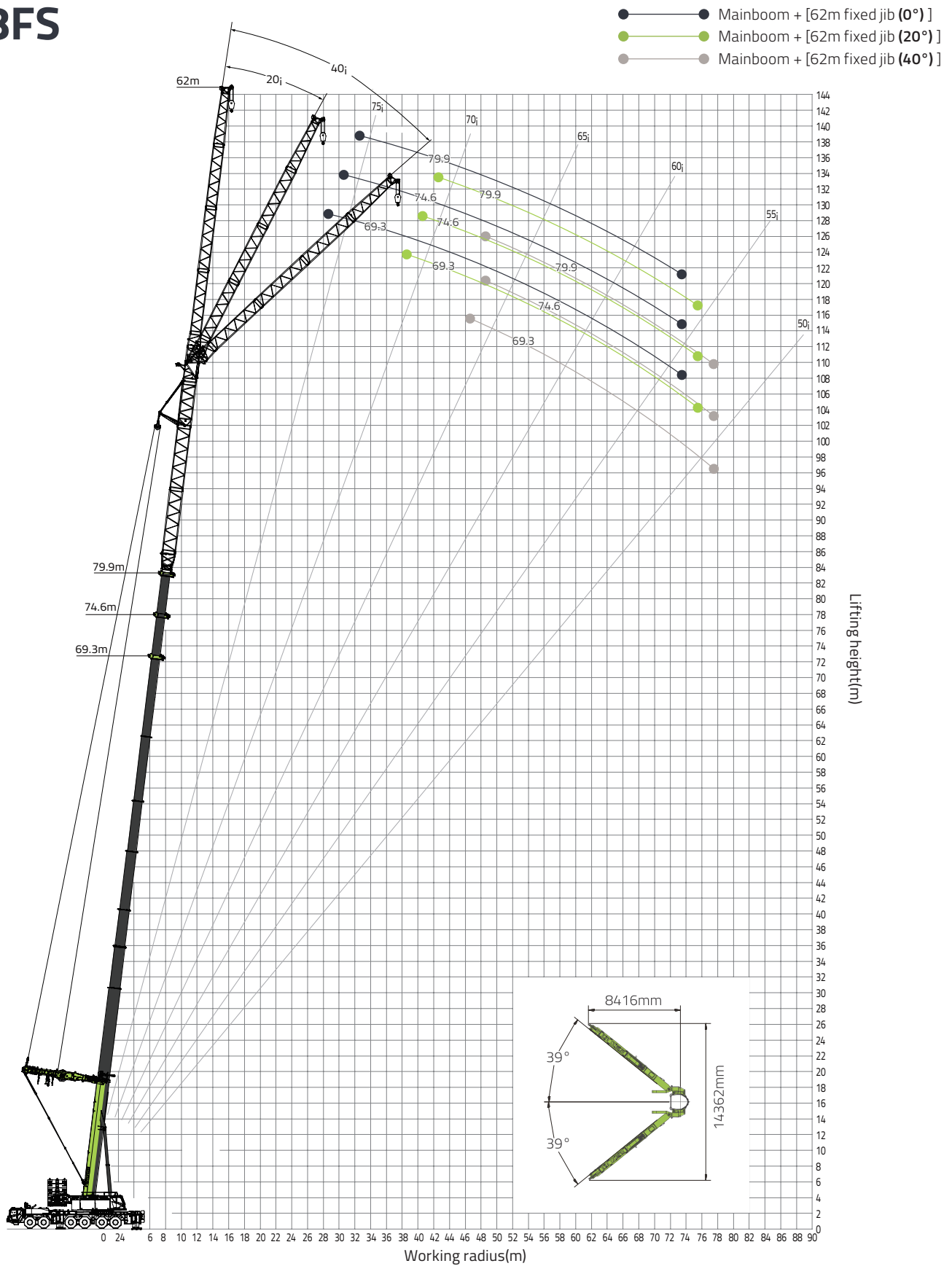
Unit: ton

	69.3	74.6	79.9	85.2	90.5
	Main boom(m) + 12m fixed jib (rear luffing)				
	0°	0°	0°	0°	0°
14	57				
16	54	47	39		
18	48	44	38	32	27
20	47	41	36	32	27
22	44	38	34	30	26.5
24	40	36	32	28.5	25.5
26	35	34	30	27	24.3
28	30	32	28.5	25.5	23
30	29	29	27	24.5	22
32	27	27	25.5	23.5	21
34	24	24	24.5	22.5	20
36	22.5	22.5	23.2	21.5	19
38	20.4	20.4	21.1	20.5	18.3
40	18.8	18.8	19.2	18.9	17.6
42	18	18	18	17.7	16.7
44	16	16.1	17	16.7	15.8
46	14.6	14.7	14.9	15.3	15.1
48	13.3	13.4	13.6	14	14.3
50	12.1	12.2	12.4	12.8	13.5
52	11	11.1	11.3	11.7	12.2
54	10	10.1	10.3	10.7	11.1
56	9.1	9.2	9.4	9.8	10.2
58	8.1	8.3	8.5	8.9	9.3
60	7.3	7.5	7.7	8.1	8.5
62	6.4	6.7	6.9	7.3	7.7
64	5.6	5.9	6.1	6.5	6.9
66	4.9	5.2	5.4	5.7	6.1
68		4.5	4.8	5.1	5.5
70		3.8	4.1	4.4	4.8
72			3.5	3.8	4.2
74				3.3	3.6
76					3.1
Nmax	6	5	4	4	3
Wmax	8.3m/s				
Hook	80t/40t/12t				
Telescoping mode	I	3	3	3	3
	II	3	3	3	3
	III	3	3	3	3
	IV	2	3	3	3
	V	2	2	3	3
	VI	2	2	2	3
	VII	2	2	2	2

LIFTING HEIGHT CHART

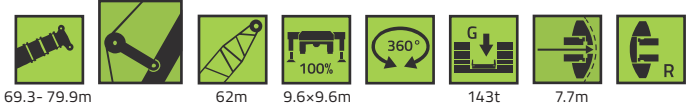
8-section main boom + superlift + 62m fixed jib (front luffing) OM:16.3m-90.5m


T8FS



RATED CAPACITY CHART

Main boom + superlift + 62m fixed jib (front luffing)



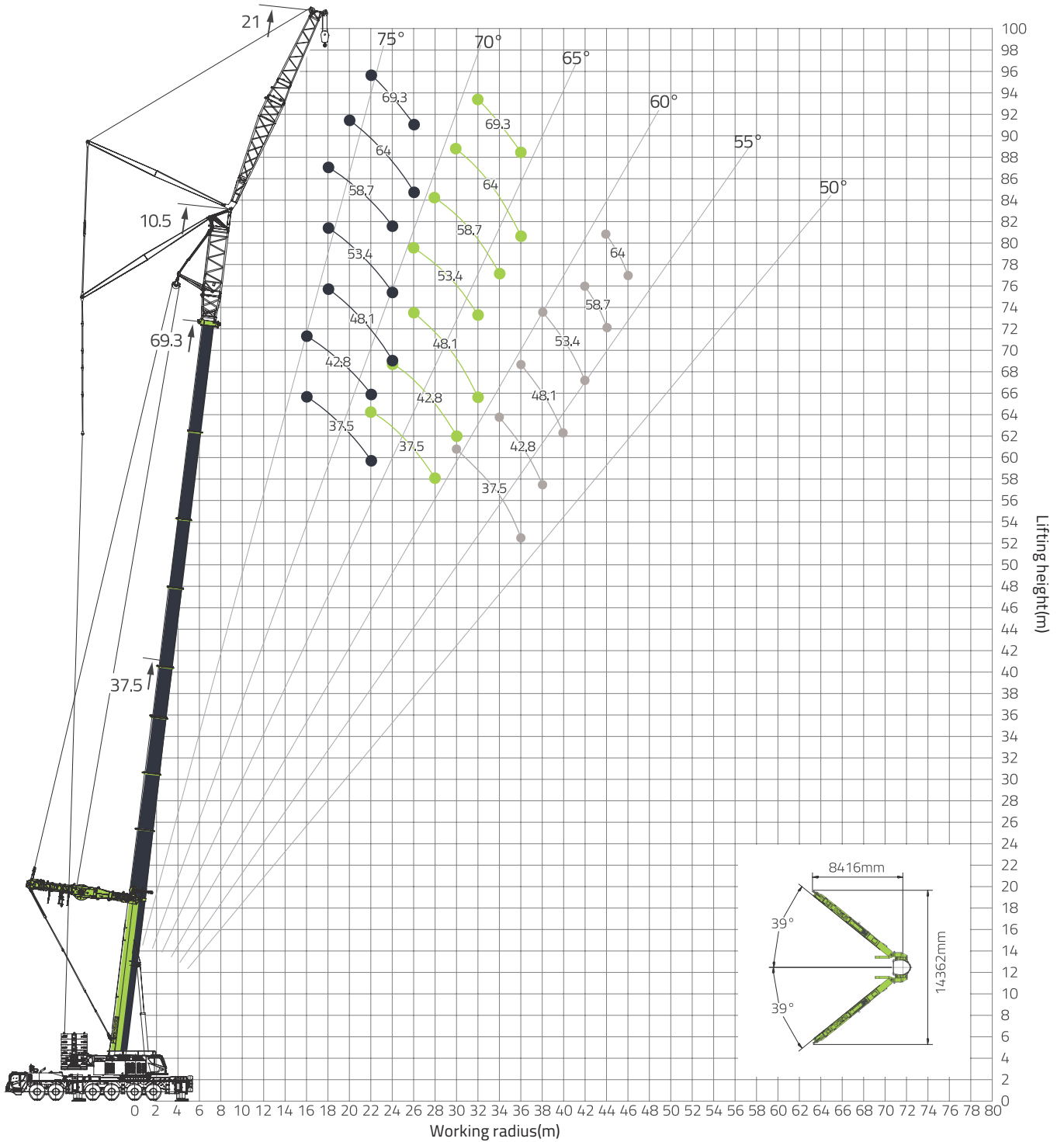
	69.3			74.6			79.9		
	Main boom(m) + 62m fixed jib (front luffing)								
	0°	20°	40°	0°	20°	40°	0°	20°	40°
18									
20									
22									
24									
26									
28	12.3								
30	12			10.8					
32	11.6			10.4			9.5		
34	11.3			10.1			9.2		
36	11			9.9			9		
38	10.7	7.6		9.6			8.8		
40	10.2	7.4		9.5	7		8.6		
42	9.8	7.2		9.2	6.8		8.4	6	
44	9.5	7		9	6.6		8.2	5.8	
46	9.1	6.6	6	8.8	6.4		8	5.7	
48	8.7	6.4	5.8	8.6	6.2	5.4	7.8	5.6	
50	8.3	6.2	5.6	8.3	6	5.4	7.7	5.5	4.8
52	7.8	6	5.4	7.9	5.8	5.1	7.4	5.4	4.8
54	7.4	5.8	5.2	7.5	5.7	4.9	6.9	5.3	4.6
56	6.8	5.6	5	7	5.6	4.8	6.4	5.2	4.5
58	6.4	5.4	4.9	6.6	5.4	4.7	6	5	4.3
60	5.9	5.2	4.8	6	5.2	4.6	5.6	4.8	4.1
62	5.6	5	4.7	5.7	5	4.6	5.2	4.6	4
64	5.3	4.8	4.5	5.4	4.8	4.5	5	4.4	3.9
66	5	4.6	4.3	5.1	4.6	4.3	4.7	4.2	3.8
68	4.8	4.4	4.1	4.9	4.5	4.1	4.5	3.9	3.7
70	4.6	4.1	3.8	4.7	4.1	3.8	4.2	3.7	3.5
72	4.3	3.8	3.6	4.5	3.9	3.6	4	3.5	3.3
74	4	3.6	3.4	4.2	3.7	3.4	3.7	3.3	3.1
76		3.4	3.2		3.5	3.2		3.1	2.9
78			3			3			2.7
80									
Nmax	2	1	1	1	1	1	1	1	1
Wmax	8.3m/s								
Hook	40t/12t								
Telescoping mode	I	3		3		3			
	II	3		3		3			
	III	3		3		3			
	IV	2		3		3			
	V	2		2		3			
	VI	2				2			
	VII	2				2			

LIFTING HEIGHT CHART

8-section main boom + superlift + 21m luffing jib OM: 37.5m-69.3m

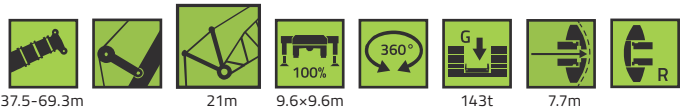
T8LS

- [Mainboom(82°)+10.5m]+21m luffing jib
- [Mainboom(76°)+10.5m]+21m luffing jib
- [Mainboom(68°)+10.5m]+21m luffing jib




RATED CAPACITY CHART

Main boom + superlift + 21m luffing jib

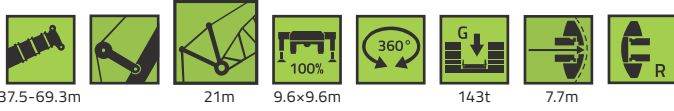


Unit: ton


	37.5m+10.5m			42.8m+10.5m			48.1m+10.5m		
	+21m luffing jib								
	82°	76°	68°	82°	76°	68°	82°	76°	68°
12									
13									
14									
16	74			64					
18	69			58.5			49		
20	66			56			45		
22	63	60		52.5			41.8		
24		54			53		40		
26		50			48.5			43	
28		45.5			45			41.9	
30			35		41			39	
32			32					35	
34			30			28			
36			27			26			25
38						23.5			23
40									21
42									
44									
46									
48									
Nmax	7	6	4	6	6	4	5	4	2
Wmax	8.3m/s								
Hook	80t/40t								
Telescoping mode	I	2		2			2		
	II	2		2			2		
	III	2		2			2		
	IV	2		2			2		
	V	1		2			2		
	VI	1		1			2		
	VII	1		1			1		

RATED CAPACITY CHART

Main boom + superlift + 21m luffing jib



Unit: ton

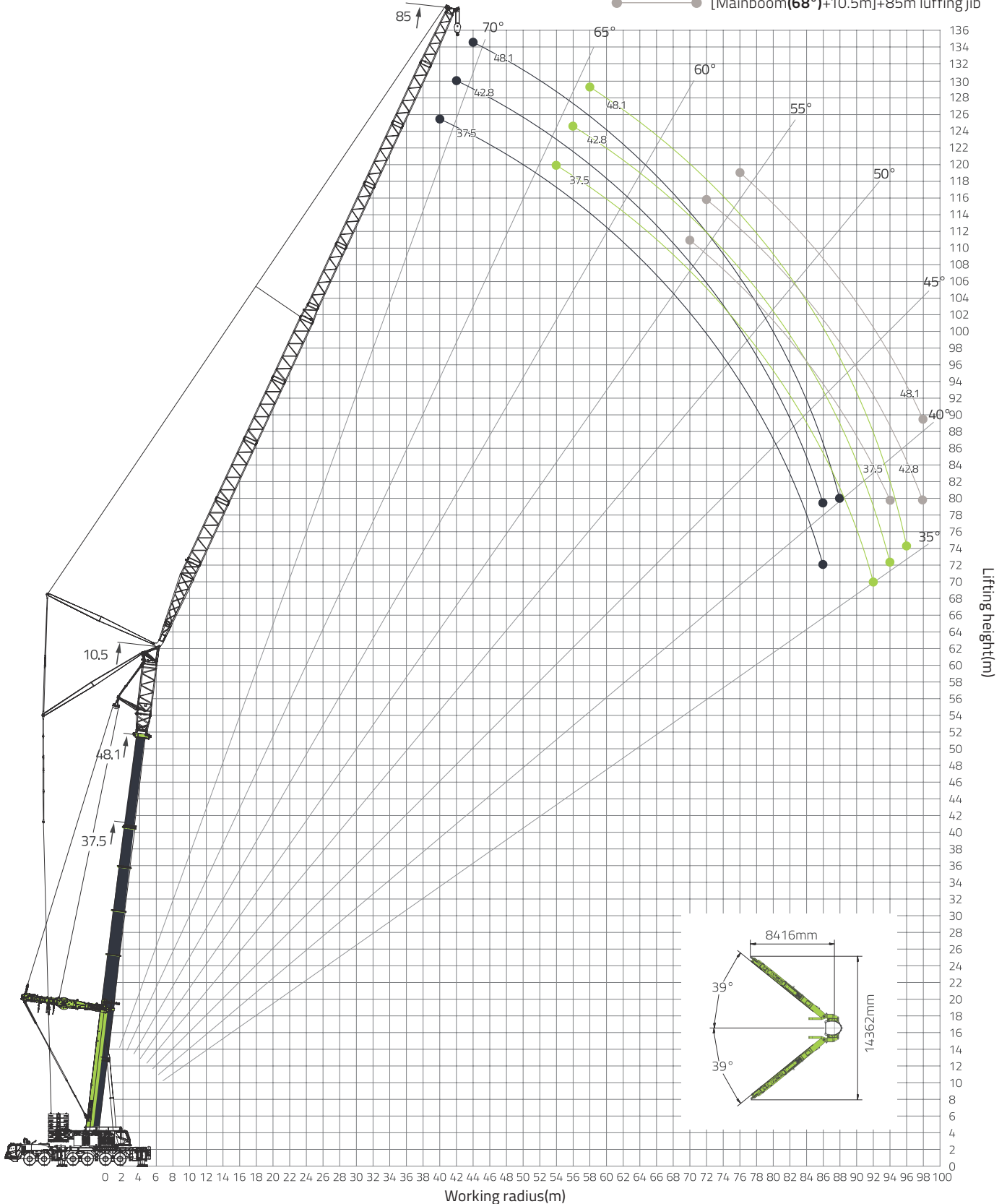
	53.4m+10.5m			58.7m+10.5m			64m+10.5m			69.3m+10.5m		
	+21m luffing jib											
	82°	76°	68°	82°	76°	68°	82°	76°	68°	82°	76°	
12												
13												
14												
16												
18	40			31								
20	34.2			28			24					
22	32.5			27			21.2			17.8		
24	31			26			20			16		
26		30					18.6			15		
28		28.5			25.5							
30		27			24.5			16.5				
32		26			23.4			15			14.5	
34					22.2			14.5			13.2	
36								14			12.4	
38			22.5									
40			20.5									
42			18.5			17.8						
44						16.2			13.6			
46									12.2			
48												
50												
52												
54												
Nmax	4	3	2	3	2	2	2	2	2	2	2	
Wmax	8.3m/s											
Hook	80t/40t											
Telescoping mode	I	2		3			3			3		
	II	2		2			3			3		
	III	2		2			2			3		
	IV	2		2			2			2		
	V	2		2			2			2		
	VI	2		2			2			2		
	VII	2		2			2			2		

LIFTING HEIGHT CHART

8-section main boom + superlift + 85m luffing jib OM: 37.5m- 48.1m

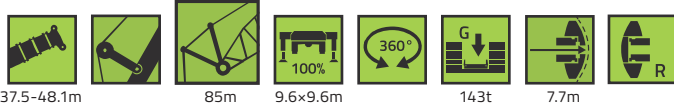
T8LS

- [Mainboom(82°)+10.5m]+85m luffing jib
- [Mainboom(76°)+10.5m]+85m luffing jib
- [Mainboom(68°)+10.5m]+85m luffing jib




RATED CAPACITY CHART

Main boom + superlift + 85m luffing jib



Unit: ton

	37.5m+10.5m			42.8m+10.5m			48.1m+10.5m					
	+85m luffing jib											
	82°	76°	68°	82°	76°	68°	82°	76°	68°			
38												
40	13											
42	12.5			12								
44	12.2			11.8			11.5					
46	12			11.6			11.3					
48	11.8			11.4			11.1					
50	11.6			11.2			10.9					
52	11.4			11			10.7					
54	11.2	11		10.8			10.5					
56	11	10.8		10.6	10.8		10.4					
58	10.8	10.6		10.4	10.6		10.3	9.8				
60	10.6	10.4		10.3	10.4		10.1	9.6				
62	10.4	10.2		10.2	10.1		9.9	9.4				
64	10.2	10		10	9.8		9.8	9.2				
66	10	9.8		9.8	9.6		9.6	9				
68	9.8	9.6		9.6	9.4		9.4	8.8				
70	9.6	9.5	8	9.4	9.2		9.2	8.6				
72	9.4	9.4	7	9.2	9	6.2	9	8.3				
74	9.2	9.3	6.5	9	8.8	5.9	8.8	8				
76	9	9.2	6	8.7	8.6	5.6	8.5	7.5	3.8			
78	8.8	9	5.5	8.4	8.2	5.2	8.2	7	3.4			
80	8.6	8.8	5	8.1	7.6	4.8	7.8	6.5	3.2			
82	8	8.4	4.5	7.8	7	4.5	7.4	6	3			
84	7.6	8	4	7.5	6.5	4.2	7	5.5	2.8			
86	7	7.5	3.5	7	6	3.9	6.5	5	2.6			
88		7	3.2		5.5	3.6	6	4.6	2.4			
90		6.5	3		5	3.3		4.2	2.2			
92		6	2.5		4.5	3		3.8	2			
94			2		4	2.8		3.4	2			
96						2.5		3	2			
98						2.3			2			
Nmax	2	1	1	1	1	1	1	1	1			
Wmax	8.3m/s											
Hook	12t											
Telescoping mode	I	2			2			2				
	II	2			2			2				
	III	2			2			2				
	IV	2			2			2				
	V	1			2			2				
	VI	1			1			2				
	VII	1			1			1				

Service system



SCAN FOR SERVICE

Service Guarantee

Professional service team

Zoomlion's service team is professional, efficient, honest, proactive and responsible. Team members must undergo systematic professional training and pass strict assessment to be eligible for duty, ensuring stable and efficient equipment operation.

Standardized service execution

Standard attire,
Standard appearance,
Standard language,
Standard behavior,
Standard itools,
And standard procedures.

Humanized service style

Be enthusiastic in service.
Be meticulous in work.
Be dedicated in helping.
Be patient in answering.
Be sincere to people.

Service Commitment

1 hour

Service Commitment

Upon receiving the customer's repair request information, we will respond to the customer within one hour at top speed.

2 hours

For problems that we cannot solve directly remotely, we will be prepared and go to the site within 2 hours.

2 days

We promise that if there are no special circumstances, we will go all out to solve the customer's repair problem within 2 days.





ZOOMLINK APP

ZOOMLINK App is a smart machine management platform developed by Zoomlion, its main functions include machine location, operation statistics, fault alarm, repair / maintenance requests, service network, service orders, complaint and suggestions, etc. It improves machine utilization and creates high value for customers.

Download ZOOMLINK



ZOOMLION

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