QUALITY CHANGES THE WORLD

PRODUCT
SPECIFICATIONS

SANY®

SAC3000S8

SANY ALL TERRAIN CRANE
300T LIFTING CAPACITY

- 300 t
- 81 m
- 120 m(with superlift)

www.sanyglobal.com

V1.0

SANY ALL TERRAIN CRANE
SAC3000S8 / 300T LIFTING CAPACITY

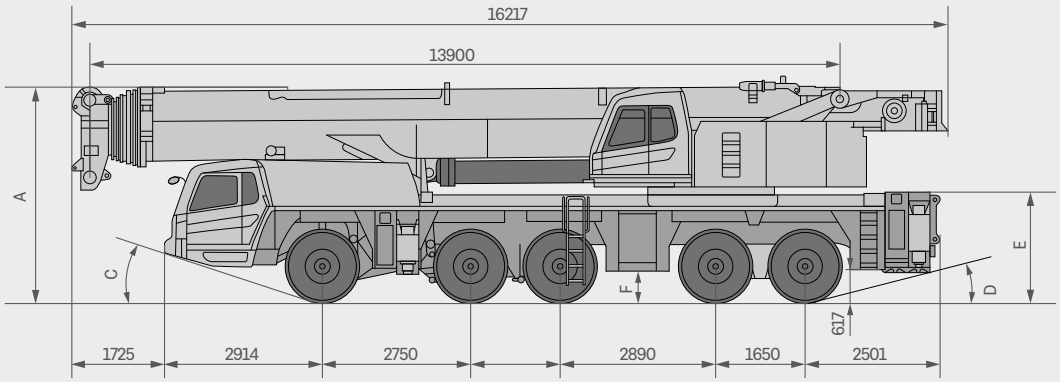
Highlights Efficient on-site transfer

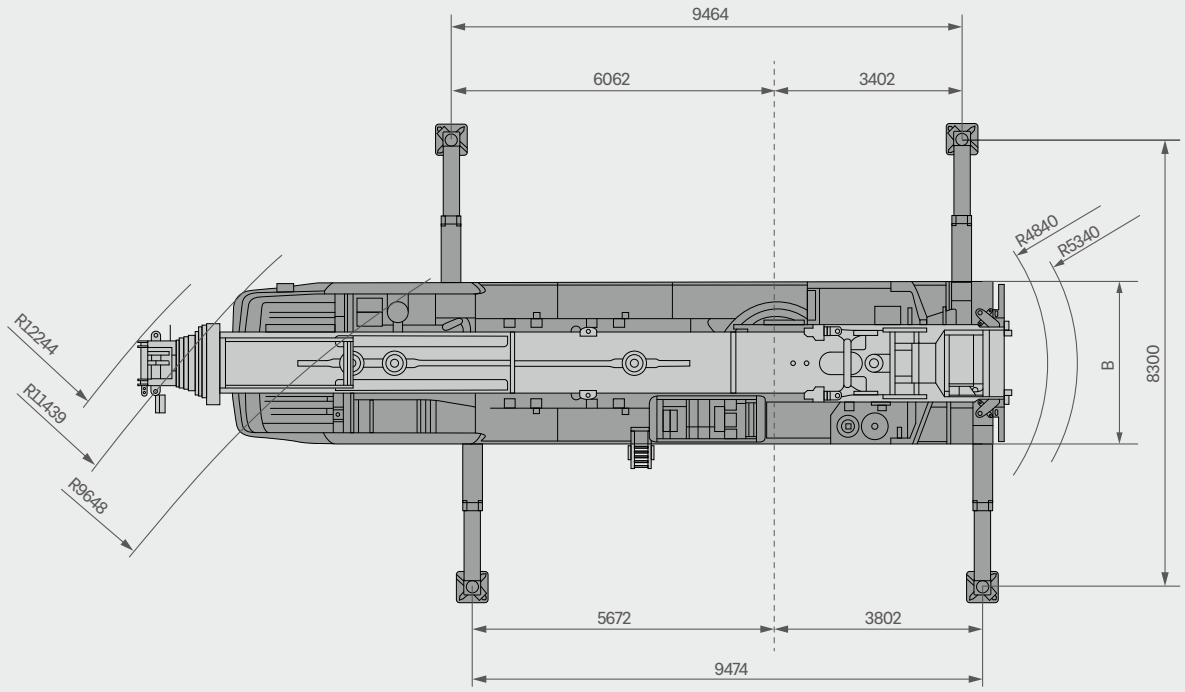
- 8-section 81m boom, standard 4m boom extension, ensuring incomparable lifting length, height and capacity.
- 90t full counterweight, able to be moved back by 500mm; traveling with 18t (front + rear) counterweights allowed with well distributed axle load.
- Perfect powertrain: WEICHAI WP13.55E62 (BSⅣ) engine + ZF automatic transmission + Kessler transfer case + Kessler axles.
- 5-axle all-terrain chassis, H-type outriggers, hydro-pneumatic suspension, all-wheel steering, 6 steering modes, ensuring optimal travel flexibility.
- Low-noise and energy-saving mechanical single-engine driving, with maintenance cost reduced by 35%.

- Weight reduced by 900kg due to the application of single engine, allowing to reinforce the boom, slewing platform and frame for higher strength.
- Superstructure cable wiring with higher reliability.
- Safety monitoring system, including 30-megapixel boom head zoom camera with automatic tracking and zoom control, and super-wide-angle operator's cab front camera for monitoring the construction status.
- Wire rope disorder diagnosis system: the winch video monitor is designed functioning image recognition, which can identify wire rope disorder and send an alarm.

Overall Dimensions

On-road traveling





Tire size	A	B	C	D	E	F
Unit	mm	mm	°	°	mm	mm
385	4000	3000	18	12	2050	500
445	4000	3000	19.9	13.2	2100	550

Technical Specification

CATEGORY	ITEM		UNIT	VALUE
CAPACITY	Max. lifting capacity		t	300
WEIGHT	Gross weight		kg	71600
POWER	Engine model		-	W13.55E62(BS Ⅳ)
	Max. engine power		kW/rpm	405
	Max. engine torque		N·m/rpm	2485
DIMENSIONS	Overall length		mm	16217
	Overall width		mm	3000
	Overall height		mm	4000
TRAVEL	Max. travel speed		km/h	80
	Steering radius	Min.steering radius	m	10
		Min.steering radius of boom tip	m	12
	Wheel formula		-	10×8×10
	Approach angle		°	17
	Departure angle		°	12
	Max.gradeability		-	43
	Fuel consumption per 100km		L	80
MAIN PERFORMANCE	Min. rated lifting radius		m	3
	Boom sections (Qty.)		-	8
	Boom shape		-	Ellipse
	Max.lifting moment	Basic boom	kN·m	8080
		Full-extension boom	kN·m	3360
		Full-extension boom + jib	kN·m	1800 (with superlift)
	Boom length	Basic boom	m	13.8
		Full-extension boom	m	81
		Full-extension boom + jib	m	120 (with superlift)
	Max.lifting height	Basic boom	m	13.8
		Full-extension boom	m	81
		Full-extension boom + jib	m	120 (with superlift)
	Outrigger span (Longitudinal × Transverse)		m	9.46×8.3
	Jib offset		°	0, 20, 40
AIR CONDITIONER	in operator's cab		-	heating & cooling
	in driver's cab		-	heating & cooling

Technical Parameters

Hook

Load/t	Number of sheaves	Rope rate	Hook weight /kg
○ 200	9	19	2440
○ 125	7	15	1491
● 80	3	7	693
○ 32	1	3	504
● 12.5	0	1	270

● Standard ○ Optional

Operations

Item		Max.single rope lifting speed (empty load)	Rope diameter/length	Max. single line pull
Main winch		125m/min	22mm/410m	105kN
Slewing speed		1.5r/min		
Full luffing up/down time of boom		65s/120s		
Full extension/retraction time of boom		850s/850s		
Outrigger jack	Retraction	50s		
	Extension	50s		
Outrigger beam	Retraction	50s		
	Extension	50s		

Crane Introduction

Driver's cab

- Independently developed by Sany, it is of new steel structure, enabling high damping and sealing performance. It is configured with outward opening doors on both sides, air-suspension driver seat and passenger’ s seat, adjustable steering wheel, wide-angle rearview mirror, comfortable driver seat headrest, antifogging fan, HVAC, stereo radio, and a complete set of controls and instruments, creating a more comfortable, safe and user-friendly driving environment.

Carrier frame

- Designedand manufactured by Sany, it is anti-torsion box structure welded by fine-grained high-strength steel plates with strong load-bearing capacity.

Engine

- Model: WEICHAI WP13.55E62 compression ignition engine, comforming to BS Ⅳ emission standard.
- Output power: 405kW/1900rpm.
- Max. torque: 2500N·m/950-1400rpm.
- Fuel reservoir capacity: 550L.

Transmission

- ZF AMT (with hydraulic retarder to allow easy long downhill driving), having 12 forward gears and 2 reverse gears.

Steering

- Servo power steering gear, dual-circuit hydraulic power steering system with emergency steering pump.
- 6 steering modes: 1) on-road steer (default); 2) all-wheel steer; 3) crab; 4) reduced swing-out steer; 5) independent rear axle steer; 6) rear axle lock steer.

Wheel formula

- 10×8×10..

Axle

- Kessler axles are adopted, with all axles available for steering, and axles 1, 2, 4 and 5 for driving. Axles 1 and 2 are equipped with linkage-feedback hydraulic power steering system, and axles 3, 4 and 5 are equipped with electro-hydraulic steering system, providing steering control assist and several special steering modes for your option, and ensuring nimble steering and flexible control.

Suspension

- All axles adopt height-adjustable hydro-pneumatic suspension with hydraulic lock. The suspension stroke ranges up by 140mm and down by 150mm, and has such modes including suspension, rigid locking, automatic leveling, vehicle lifting/lowering to adapt to various harsh working conditions and road surfaces, ensuring good NVH and lateral stability, and making the driving more comfortable.

Tires

- TECHKING or ADVANCE10×14.00R25 radial tubeless tire.

Brake

- Parking brake: The parking brake acts on axles 2-5 by the accumulator.
- Service brake: All wheels employ air servo brakes, forming a dual-circuit braking system. Disc brake is applied for all wheels.
- Auxiliary brake: The auxiliary brake is realized by transmission hydraulic retarder, engine brake and exhaust brake, reducing the wear of brake components, and saving the operation cost.

Outrigger

- H-shaped outriggers with a longitudinal and transverse span of 9.47m×8.3m and automatic leveling function are equipped, and they are extended and retracted by the fully hydraulic horizontal/vertical outrigger cylinders.

Electrical system

- Modern data bus system, 24V DC power supply, and 2 battery packs with a single capacity of 180AH are provided, allowing for power cutoff of chassis.
- The chassis adopts CAN bus system, multi-functional centralized display system with low power consumption, and LCD screen with contrast adjustable.

Crane Introduction

Operator's cab

- With the angle adjustable within 0°~20°, it adopts the corrosion-resistant steel plate, and is equipped with fullcoverage softening interior decoration, panoramic skylight, adjustable seat and other user-friendly designs,making operation more comfortable and easier. The moment limiter display is configured to realize the coordination of the console and the operation display system, so that all working condition data can be clear at a glance.

Slewing

- The slewing system is applied with the Rexroth piston main pump, and supports 360° slew at a speed of 0~1.5r/min; the electric proportional closed hydraulic circuit and electric proportional pedal are applied for emergency braking.

Slewing platform

- Independently designed by Sany, it is made of finegrained high-strength steel plates, with optimized structure.

Hydraulics

- Key hydraulic elements including main pump, slewing pump, main valve, winch motor and balance valve are of high quality, ensuring the stability and reliability of the hydraulic system; the accurate parameter matching further improves the operation performance.
- Electric proportional displacement piston pump is applied, and the pump displacement is adjusted in realtime by changing the opening of electric control lever,realizing high-precision flow control and reducing the energy consumption.
- Innovative dual-pump shunt/confluence main valve enables higher dual-pump confluence efficiency in case of single action and better dual-pump shunt control in case of combined actions.
- Self-weight compensated luffing down hydraulic system is adopted, ensuring better luffing-down mircomobility and stability.
- Single-cylinder bolt telescoping system is applied for the boom.
- The slewing system is of closed type, and the flow rate and the flowing direction are changed by adjusting the variable pump swash plate, providing better slewing mircomobility and stability.

Control system

- The crane is electronically controlled through the LMI system (PLC control); two multi-directional levers can return to the original position automatically; the movement of the crane is adjusted by regulating the hydraulic pump, and the speed is adjusted by regulating the speed of the engine.

Hoist

- The main winch adopts a Kawasaki electric proportional variable plunger motor, providing good hoisting micromobility and stability.

Luffing

- The self-weight luffing down system is more energy saving. The single cylinder + front hinged support arrangement makes the luffing more labor-saving and improves the stressing condition of the boom; an electric proportional control balance valve is adopted.

Boom system

- Boom: 8-section boom of oval cross section made of fine-grained high-strength steel plate, with a full- extension length of 81m.
- Jib: 36m long jib of mechanical luffing is installed as standard, with offsets of 0°/20°/40° available; hydraulic luffing is optional.
- Telescopic mechanism: The independent hydraulic driving telescopic mechanism allows for a full extension/retraction time down to 850s, more efficient, safe and reliable.

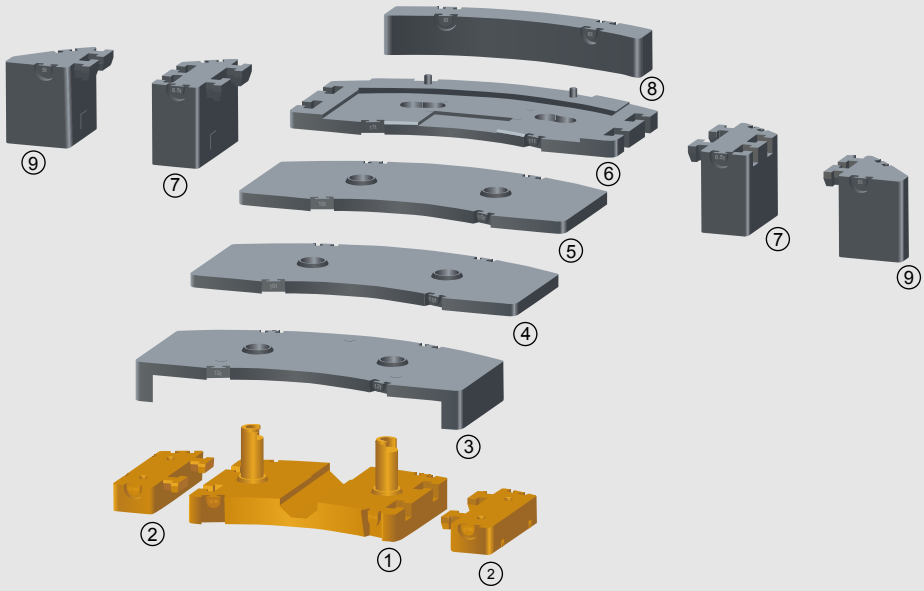
Safety equipment

- LMI:The load moment indicator is developed by using the mechanics analysis method based on the hoisting mechanical model, and the rated hoisting accuracy is controlled within ±5% through online no-load calibration, enabling all-round protection for the hoisting operations; in case of overloading operations, the system will send an alarm automatically to provide safety guarantee for operations.
- Hydraulic balance valve, overflow valve, two-way hydraulic lock and other elements provided for the hydraulic system, ensuring good stability and reliability of the hydraulic system.
- 3-circle rope protector of main winch to prevent rollover of wire rope.
- Height limit switch mounted at tip of boom and jib to prevent over-hoisting of the wire rope.
- Anemometer mounted at tip of boom to check if the wind speed is out of the allowable operating range of the crane.

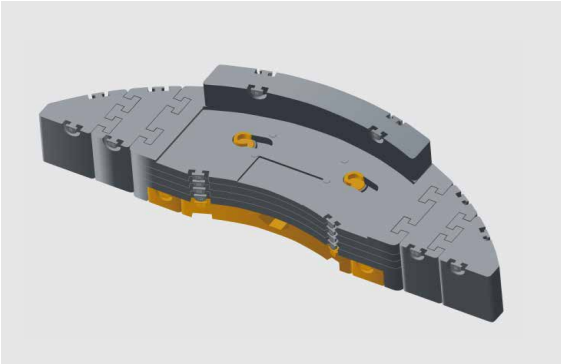
Counterweight

- Combined variable counterweight are applied, which can be relocated and moved back by 500mm, and traveling with 18t (front + rear) counterweights is allowed; the loading and unloading of counterweight is realized by wireless remote control.

Counterweight Combinations



Total weight (t)	Combinations
18	① + ②
30	① + ② + ③
40	① + ② + ③ + ④
50	① + ② + ③ + ④ + ⑤
61	① + ② + ③ + ④ + ⑤ + ⑥
74	① + ② + ③ + ④ + ⑤ + ⑥ + ⑦
80	① + ② + ③ + ④ + ⑤ + ⑥ + ⑦ + ⑧
90	① + ② + ③ + ④ + ⑤ + ⑥ + ⑦ + ⑧ + ⑨

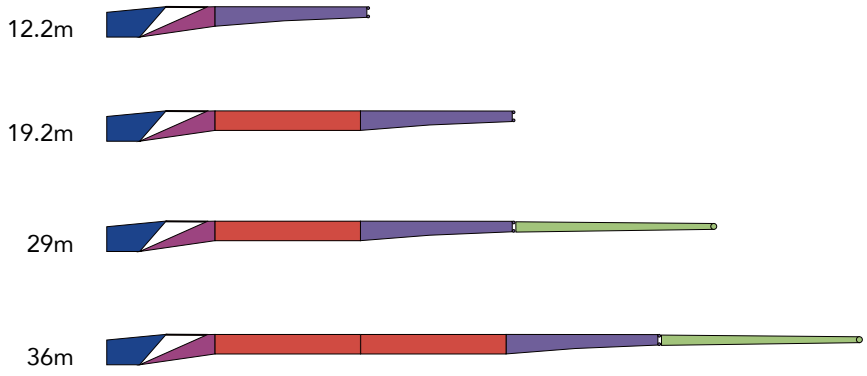


Block	Weight (t)
①	12.5
②	2.75 × 2
③	12
④	10
⑤	10
⑥	11
⑦	6.5 × 2
⑧	6
⑨	5 × 2

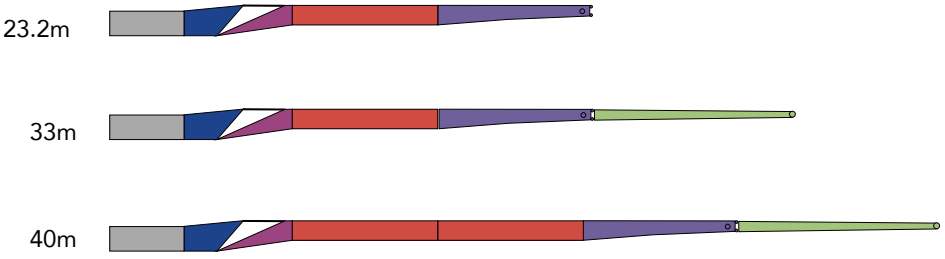
90t full counterweight provides eight combinations.
Self assembly and disassembly require no assisting crane.

Fixed Jib Assembly

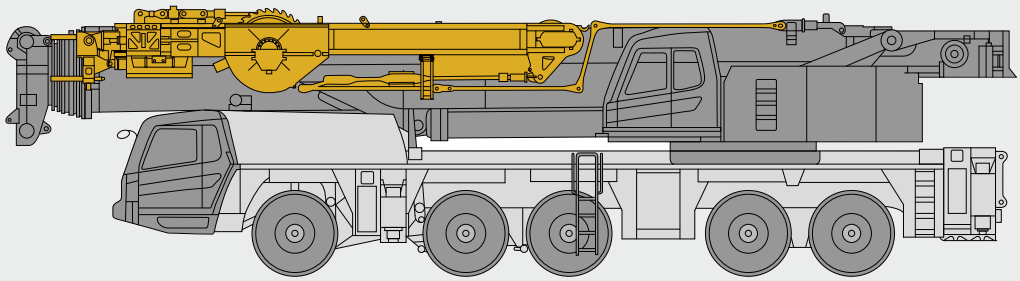
Fixed jib

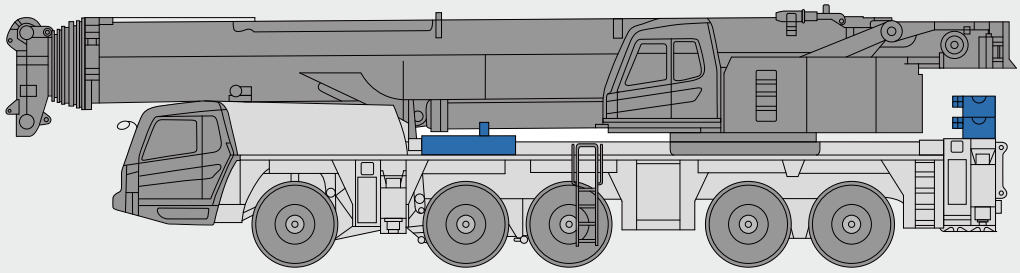


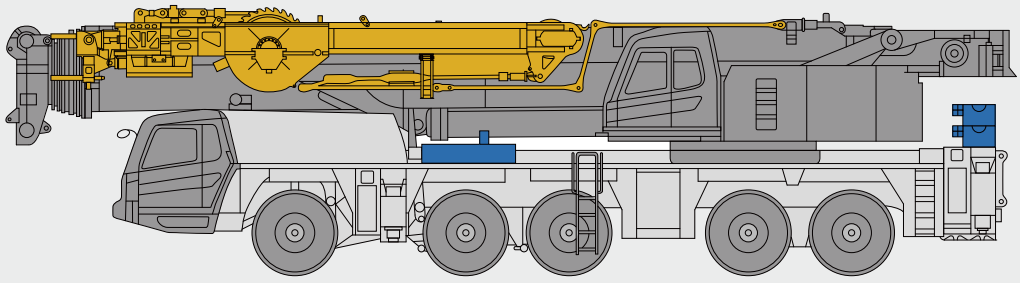
Boom extension with fixed jib



Transport Solutions



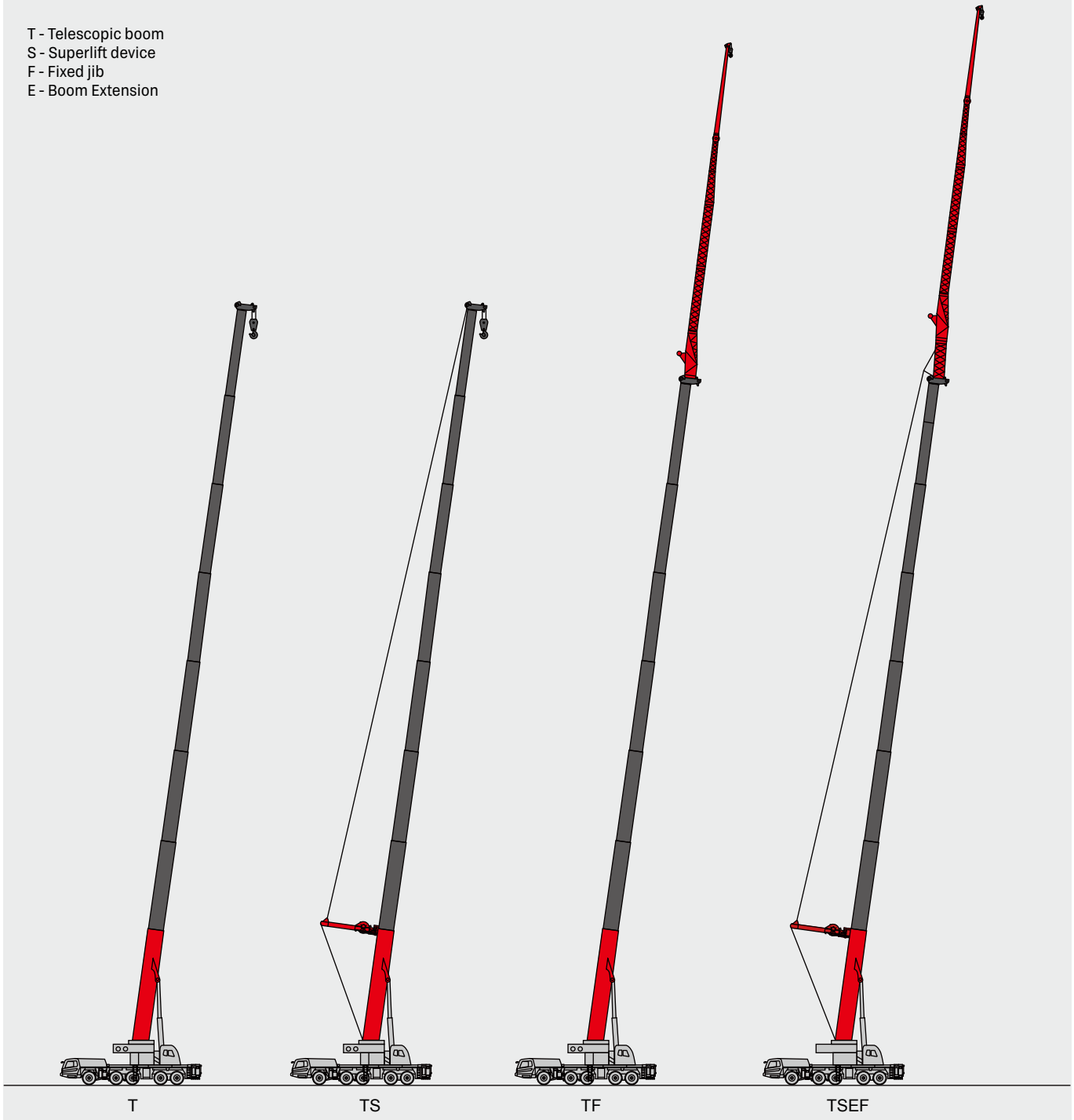




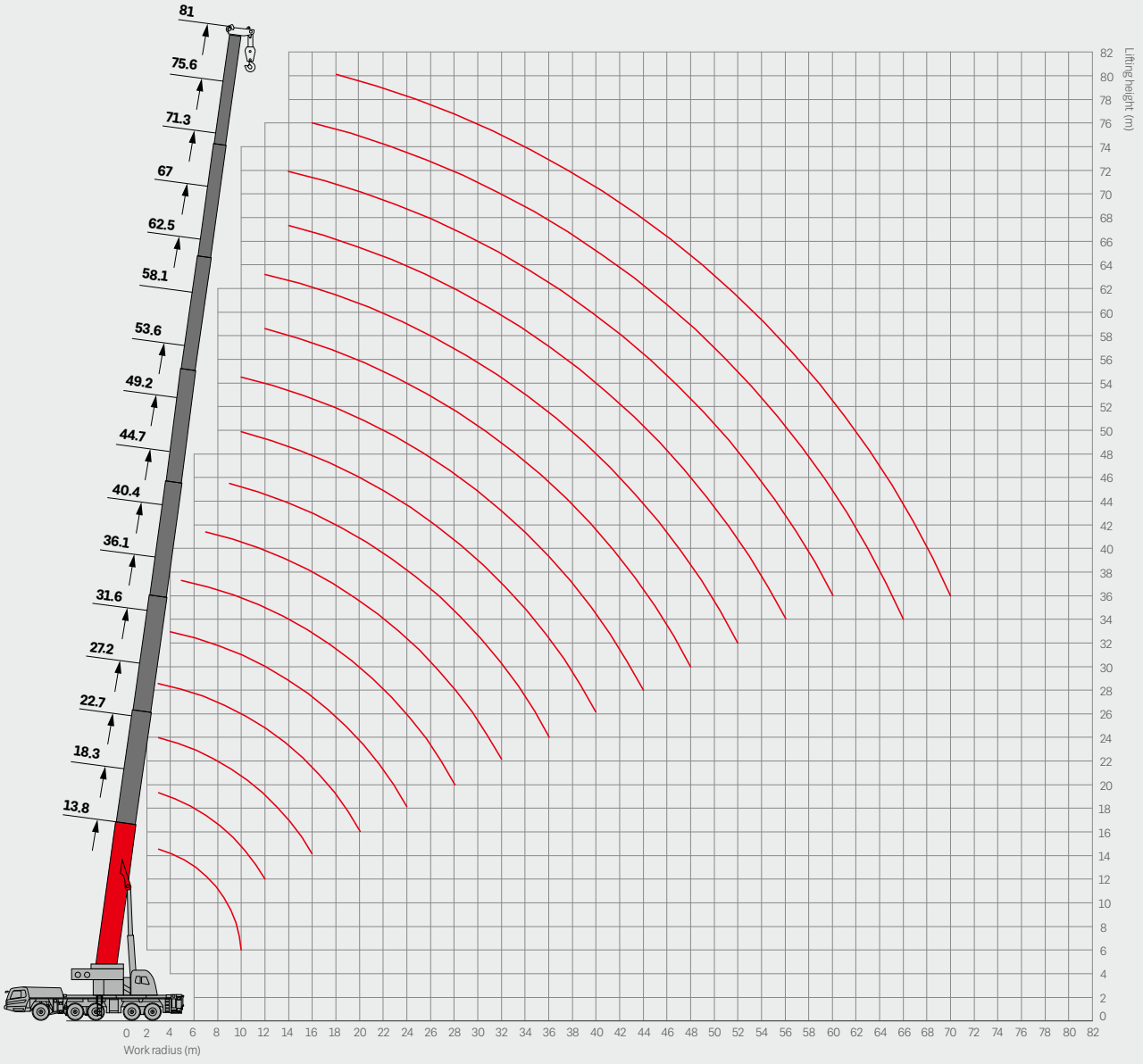
The crane is able to travel with superlift or/and CW on board.
The axle load of crane with boom and outriggers is less than 15t.

Working Conditions & Codes Description

T - Telescopic boom
S - Superlift device
F - Fixed jib
E - Boom Extension



Operating Range - T



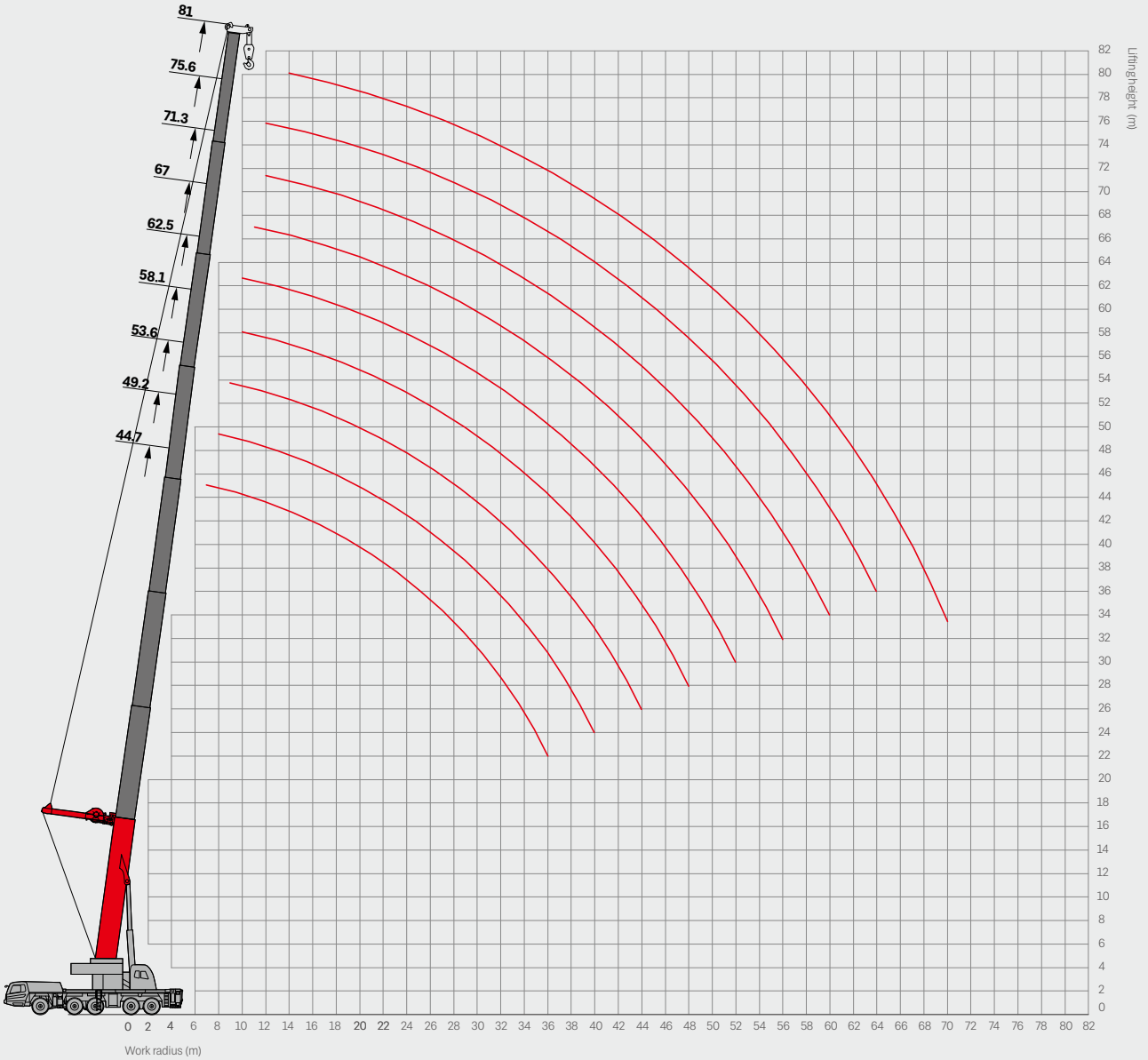
Load Chart - T

Unit: t

Radius (m)	13.8	18.3	22.7	27.2	31.6	36.1	40.4	44.7	49.2	53.6	58.1	62.5	67.0	71.3	75.6	81.0	Radius (m)
3	300*	150.0	141.0	126.0													3
3.5	160.0	150.0	141.0	126.0													3.5
4	150.0	145.0	136.0	126.0	111.0												4
4.5	145.0	135.0	129.0	126.0	111.0												4.5
5	135.0	128.0	123.0	120.8	111.0	101.0											5
6	120.0	115.0	111.0	110.3	101.0	95.0											6
7	108.1	103.0	101.0	98.7	84.2	81.9	75.4										7
8	101.0	92.9	91.7	90.3	78.2	76.9	72.7										8
9	88.5	85.5	84.5	83.0	73.4	72.0	67.2	52.4									9
10	78.6	77.3	76.2	76.7	72.7	66.3	63.5	50.6	49.2	43.1							10
11		71.4	69.0	68.0	65.7	60.6	59.7	50.4	47.2	40.7	33.9						11
12		64.1	64.2	61.8	59.8	55.5	55.0	48.5	44.5	38.9	32.5	27.3					12
14		55.6	52.5	52.5	50.8	51.5	51.5	47.6	43.1	38.1	29.7	25.6	23.6	19.8			14
16			44.0	46.9	44.1	44.8	44.9	43.3	38.6	35.0	29.1	23.8	22.4	19.0	15.2		16
18			39.5	39.0	39.8	40.7	39.8	39.6	34.8	31.9	27.1	23.7	21.0	18.1	14.7	11.6	18
20			33.3	33.0	33.8	34.7	35.6	36.6	31.7	29.3	25.0	22.1	19.9	17.3	14.3	11.1	20
22				28.9	29.0	29.9	30.8	31.7	28.7	26.8	23.3	20.7	18.4	16.5	13.8	10.9	22
24				24.9	25.2	26.1	27.0	27.9	27.1	24.4	21.7	19.4	17.1	15.7	13.2	10.7	24
26					22.3	22.9	23.8	24.7	23.9	22.2	20.4	18.1	16.1	14.8	12.6	10.4	26
28					19.6	20.3	21.1	22.4	21.6	21.0	19.0	17.0	15.1	14.0	12.0	10.2	28
30						18.1	19.1	20.2	18.9	18.7	17.4	16.0	14.3	13.2	11.5	9.9	30
32						16.2	16.9	18.0	17.0	16.9	16.8	14.9	13.5	12.5	11.0	9.5	32
34							15.2	16.1	15.2	14.9	15.1	13.9	12.8	11.7	10.5	9.1	34
36							13.6	14.6	13.6	13.3	13.6	13.6	12.1	11.1	10.0	8.7	36
38								13.2	12.2	11.9	12.0	12.2	11.2	10.5	8.9	8.4	38
40								12.0	11.0	10.7	10.8	11.0	10.5	9.9	8.6	8.1	40
42									10.0	9.6	9.7	9.9	9.8	9.4	8.2	7.8	42
44									9.0	8.7	8.7	8.9	9.1	9.0	7.8	7.4	44
46									8.1	7.8	7.8	7.9	8.2	8.2	7.4	7.1	46
48										7.0	6.9	7.2	7.7	7.8	7.0	6.4	48
50										6.2	6.3	6.4	6.7	7.2	6.5	6.1	50
52											5.6	5.7	6.1	6.4	6.3	5.8	52
54											4.9	5.1	5.4	5.8	6.2	5.5	54
56												4.5	4.8	5.2	5.7	5.1	56
58												3.9	4.3	4.7	5.1	4.8	58
60														4.1	4.6	4.7	60
62															4.1	4.2	62
64															3.6	3.7	64
66															3.2	3.2	66
68																2.8	68
70																2.6	70
Rope rate	14	14	14	12	11	10	8	5	5	4	4	3	3	2	2	2	Rope rate
Telescoping status (%)																	
2nd boom	0	0	46	46	46	46	46	46	92	92	92	92	92	92	92	100	2nd boom
3rd boom	0	46	46	46	46	46	46	46	46	92	92	92	92	92	92	100	3rd boom
4th boom	0	0	0	46	46	46	46	46	46	46	92	92	92	92	92	100	4th boom
5th boom	0	0	0	0	46	46	46	46	46	46	46	92	92	92	92	100	5th boom
6th boom	0	0	0	0	0	46	46	46	46	46	46	46	92	92	92	100	6th boom
7th boom	0	0	0	0	0	0	46	46	46	46	46	46	46	92	92	100	7th boom
8th boom	0	0	0	0	0	0	0	46	46	46	46	46	46	46	92	100	8th boom

Remark:
1. Ratings listed are given when counterweight is moved to the rear.
2. Ratings listed are the max. capacity when the crane is in a level condition on solid ground or surface.
3. Ratings above are calculated with hooks and lifting slings considered.

Operating Range - TS



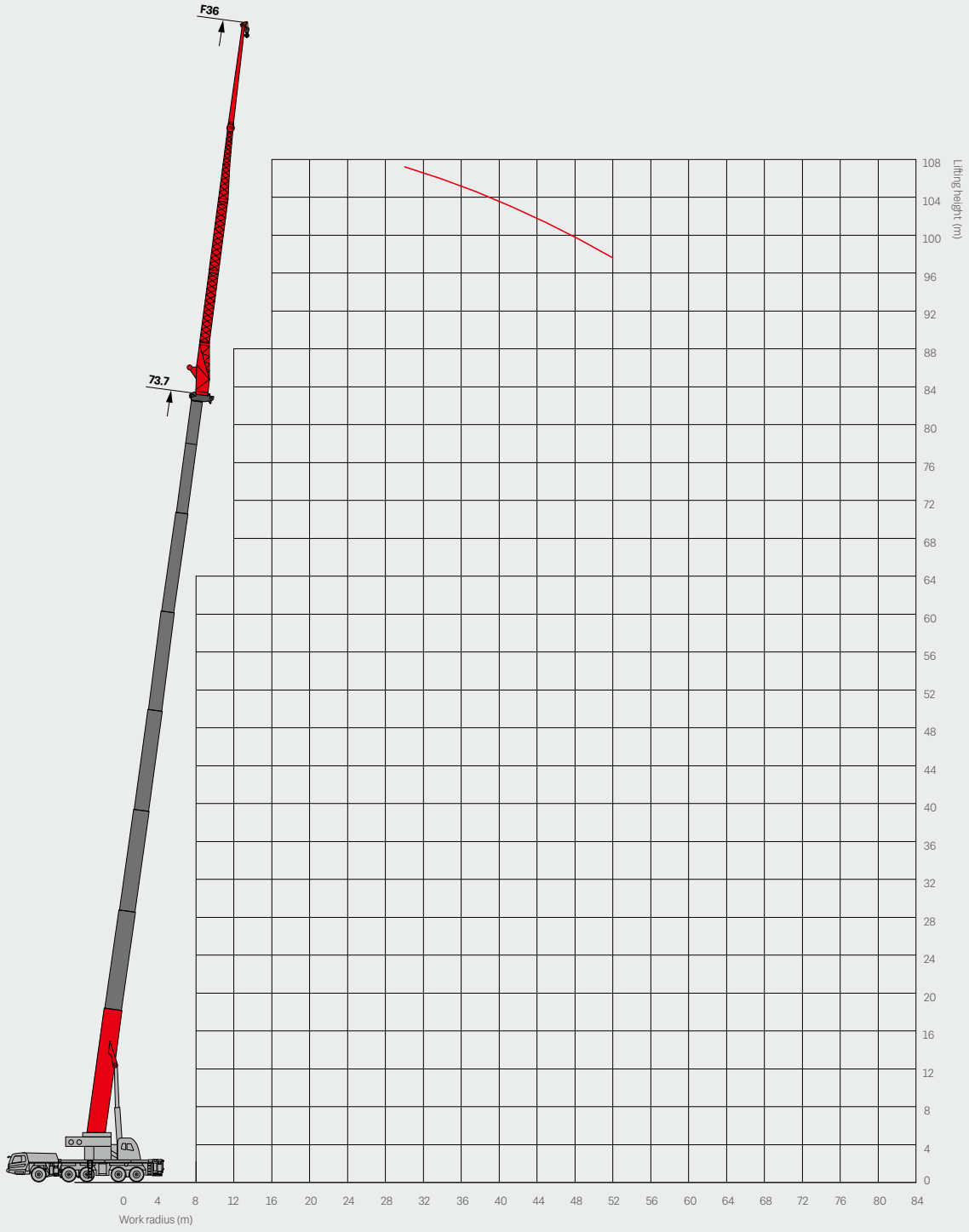
Load Chart - TS

Unit: t

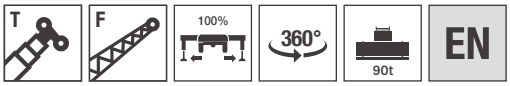
Radius (m)	44.7	49.2	53.6	58.1	62.5	67	71.3	75.6	81	Radius (m)
9	62.1									9
10	59.7	57	51.9							10
11	57.5	55.2	50.9	42.5						11
12	55.5	53.5	49.4	41.6	37.5					12
14	53.2	51.5	47.3	38.6	35.4	31.8	26.9			14
16	48.9	46.8	43.6	38	33.3	30.4	26	21.8	17.3	16
18	41.6	39.5	39.6	35.4	31.5	28.9	25	21.2	16.8	18
20	35.7	34.1	34.2	33.3	30.3	27.5	24.1	20.6	16.4	20
22	32.9	32.2	29.7	29.5	28.1	26	23.1	20.6	16.2	22
24	28.6	27.9	27.8	25.9	25.5	24.5	22	19.9	16.1	24
26	25.1	24.4	24.3	24.5	23.5	22.7	21.4	19.1	15.6	26
28	22	21.4	21.3	21.4	21.1	20.4	20.2	18.2	15.1	28
30	19.5	18.9	18.8	19	19.3	18.8	18.3	17.4	14.7	30
32	17.3	16.7	16.5	16.7	17	17.5	16.6	16.1	14	32
34	15.4	14.8	14.7	14.9	15.2	15.6	15.1	14.9	13.4	34
36	13.8	13.1	13	13.2	13.5	14	14.4	13.8	12.7	36
38	12.3	11.7	11.6	11.8	12	12.5	12.9	12.7	12.2	38
40	10.9	10.4	10.3	10.5	10.7	11.1	11.7	12	11.6	40
42		9.2	9.1	9.3	9.5	10	10.4	11	10.8	42
44		8	7.9	8.1	8.5	8.9	9.4	10.3	10.5	44
46		7	7	7.2	7.5	7.9	8.4	8.9	9	46
48			6.1	6.3	6.7	7	7.6	8	8	48
50			5.2	5.4	5.8	6.3	6.7	7.1	7.2	50
52				4.6	5	5.5	6	6.3	6.4	52
54				3.9	4.2	4.7	5.2	5.6	5.7	54
56					3.5	4	4.6	5	5.1	56
58					2.9	3.4	3.9	4.4	4.4	58
60						2.8	3.3	3.8	3.9	60
62						2.2	2.8	3.3	3.4	62
64							2.3	2.8	2.9	64
66									2.4	66
68									2	68
70									1.6	70
Rope rate	7	7	6	5	4	4	3	3	2	Rope rate

Remark:
1. Ratings listed are given when counterweight is moved to the rear.
2. Ratings listed are the max. capacity when the crane is in a level condition on solid ground or surface.
3. Ratings above are calculated with hooks and lifting slings considered.

Operating Range - TF



Load Chart - TF

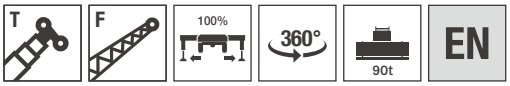


Unit: t

Radius (m)	73.7			80			73.7			Radius (m)
	12.2			12.2			19.2			
	0°	20°	40°	0°	20°	40°	0°	20°	40°	
20	8									20
22	7.9	6.7					5.1			22
24	7.8	6.5	5.4	5.9			5	4		24
26	7.7	6.3	5.3	5.9	5.1		4.9	3.9		26
28	7.4	6.1	5.2	5.9	5	4.4	4.8	3.8	3	28
30	7.1	5.9	5.1	5.9	4.9	4.3	4.7	3.7	3	30
32	6.9	5.7	5	5.9	4.8	4.2	4.6	3.6	2.9	32
34	6.7	5.5	4.9	5.7	4.7	4.1	4.4	3.5	2.9	34
36	6.5	5.3	4.8	5.5	4.6	4	4.2	3.4	2.8	36
38	6.3	5.2	4.7	5.3	4.5	4	4	3.3	2.8	38
40	6.1	5.1	4.6	5.1	4.4	3.9	3.8	3.2	2.7	40
42	5.9	5	4.5	4.9	4.3	3.9	3.7	3.1	2.7	42
44	5.7	4.9	4.4	4.7	4.2	3.8	3.6	3	2.6	44
46	5.5	4.8	4.3	4.5	4.1	3.8	3.5	2.9	2.6	46
48	5.3	4.7	4.3	4.3	4	3.7	3.4	2.8	2.5	48
50	5.1	4.6	4.2	4.1	3.9	3.7	3.3	2.8	2.5	50
52	4.9	4.5	4.2	3.9	3.8	3.6	3.2	2.7	2.4	52
54	4.7	4.4	4.1	3.7	3.6	3.5	3.1	2.7	2.4	54
56	4.5	4.3	4.1	3.6	3.5	3.4	3	2.6	2.3	56
58	4.3	4.2	4	3.5	3.4	3.3	2.9	2.6	2.3	58
60	4.1	4	3.9	3.4	3.3	3.2	2.8	2.5	2.2	60
62	3.9	3.8	3.7	3.3	3.2	3.1	2.7	2.5	2.2	62
64	3.6	3.5	3.5	3.2	3.1	3	2.6	2.4	2.1	64
66	3.3	3.2	3.2	3	3	2.9	2.5	2.3	2.1	66
68	3	2.9		2.8	2.8	2.8	2.4	2.2	2	68
70	2.8			2.6	2.6	2.5	2.3	2.1	2	70
72				2.4	2.4	2.2	2.2	2		72
74				2.2	2.2		2.1			74
76				2						76
78										78
80										80
82										82
Rope rate	1									Rope rate

Remark:
1. Ratings listed are given when counterweight is moved to the rear.
2. Ratings listed are the max. capacity when the crane is in a level condition on solid ground or surface.
3. Ratings above are calculated with hooks and lifting slings considered.

Load Chart - TF

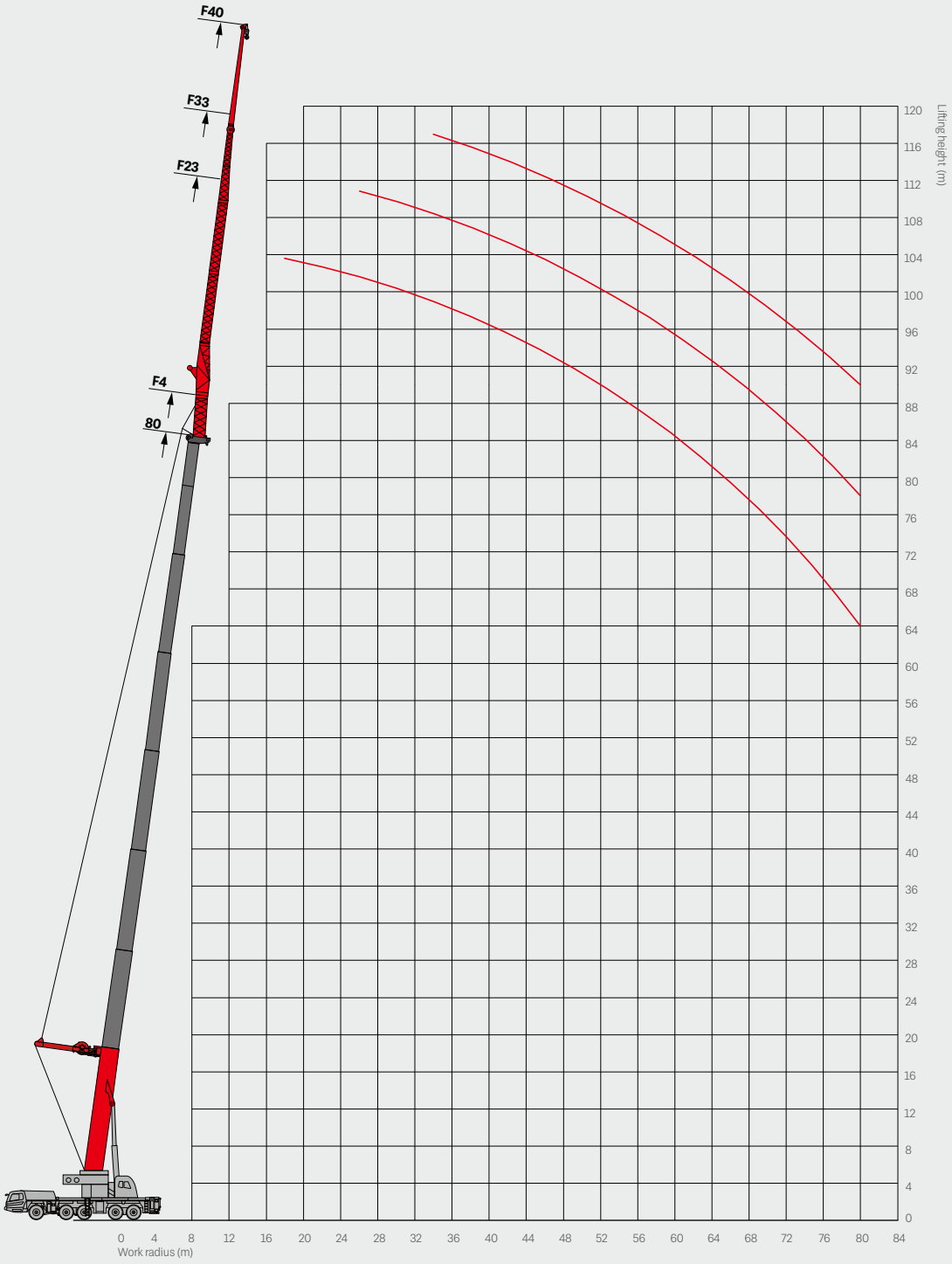


Unit: t

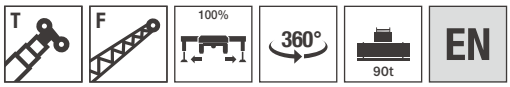
Radius (m)	80			73.7			80			73.7	Radius (m)
	19.2			29			29			36	
	0°	20°	40°	0°	20°	40°	0°	20°	40°	0°	
20											20
22											22
24											24
26	3.6										26
28	3.6	3.1		3.1							28
30	3.6	3		3.1	2.3		2.6			1.7	30
32	3.6	3	2.5	3.1	2.3		2.6	2		1.7	32
34	3.6	2.9	2.5	3.1	2.2	1.7	2.6	2		1.7	34
36	3.6	2.9	2.4	3.1	2.2	1.7	2.5	2	1.5	1.7	36
38	3.6	2.8	2.4	3	2.1	1.7	2.5	1.9	1.5	1.7	38
40	3.6	2.8	2.3	2.9	2.1	1.7	2.5	1.9	1.5	1.6	40
42	3.6	2.7	2.3	2.8	2	1.6	2.4	1.9	1.5	1.6	42
44	3.6	2.7	2.2	2.7	2	1.6	2.4	1.8	1.4	1.6	44
46	3.5	2.6	2.2	2.6	1.9	1.6	2.4	1.8	1.4	1.6	46
48	3.4	2.6	2.1	2.5	1.9	1.6	2.3	1.8	1.4	1.5	48
50	3.3	2.5	2.1	2.4	1.8	1.5	2.3	1.7	1.4	1.4	50
52	3.2	2.5	2.1	2.3	1.8	1.5	2.2	1.7	1.3	1.3	52
54	3.1	2.4	2	2.2	1.7	1.5	2.1	1.7	1.3		54
56	3	2.4	2	2.1	1.7	1.5	2	1.6	1.3		56
58	2.9	2.3	2	2.1	1.6	1.4	1.9	1.6	1.3		58
60	2.8	2.3	1.9	2	1.6	1.4	1.9	1.5	1.2		60
62	2.7	2.2	1.9	1.9	1.5	1.4	1.8	1.5	1.2		62
64	2.6	2.2	1.9	1.8	1.5	1.3	1.8	1.4			64
66	2.5	2.1	1.8	1.7	1.4		1.7				66
68	2.4	2.1	1.8	1.6							68
70	2.3	2	1.8								70
72	2.2	2	1.7								72
74	2.1	1.9	1.7								74
76	1.9	1.8	1.7								76
78	1.7	1.6									78
80	1.5										80
82											82
Rope rate	1										Rope rate

Remark:
1. Ratings listed are given when counterweight is moved to the rear.
2. Ratings listed are the max. capacity when the crane is in a level condition on solid ground or surface.
3. Ratings above are calculated with hooks and lifting slings considered.

Operating Range - TSEF



Load Chart - TSEF



Unit: t

Boom angle (°)	73.7	80	73.7	80	73.7	80	Boom angle (°)
	4	4	4	4	4	4	
	19	19	29	29	36	36	
	0°	0°	0°	0°	0°	0°	
16	6.6						16
18	6.3	5.3					18
20	6	5.1					20
22	5.8	4.9	5.1				22
24	5.6	4.8	5.1				24
26	5.4	4.7	5	4			26
28	5.2	4.6	5	4	3.7		28
30	5	4.5	4.9	4	3.7		30
32	4.8	4.4	4.8	4	3.7		32
34	4.6	4.3	4.7	3.9	3.7	2.7	34
36	4.4	4.2	4.6	3.9	3.6	2.7	36
38	4.3	4.1	4.5	3.9	3.6	2.7	38
40	4.2	4	4.4	3.9	3.6	2.7	40
42	4.1	3.9	4.3	3.8	3.6	2.7	42
44	4	3.8	4.2	3.8	3.5	2.7	44
46	3.9	3.7	4.1	3.8	3.5	2.6	46
48	3.8	3.6	4	3.8	3.5	2.6	48
50	3.7	3.5	3.9	3.7	3.4	2.6	50
52	3.6	3.4	3.8	3.6	3.3	2.6	52
54	3.5	3.3	3.7	3.5	3.2	2.6	54
56	3.4	3.2	3.6	3.4	3.1	2.5	56
58	3.3	3.1	3.5	3.3	3	2.5	58
60	3.2	3	3.4	3.2	2.9	2.5	60
62	3.1	2.9	3.3	3.1	2.8	2.5	62
64	3	2.8	3.2	3	2.7	2.4	64
66	2.9	2.7	3.1	2.9	2.6	2.3	66
68	2.8	2.6	3	2.8	2.5	2.2	68
70	2.6	2.4	2.8	2.7	2.4	2.1	70
72	2.4	2.2	2.6	2.5	2.3	2	72
74	2.2	2	2.4	2.3	2.2	1.9	74
76	1.9	1.8	2.2	2.1	2.1	1.8	76
78	1.6	1.5	1.9	1.8	1.9	1.7	78
80	1.3	1.2	1.6	1.5	1.7	1.6	80

Remark:
1. Ratings listed are given when counterweight is moved to the rear.
2. Ratings listed are the max. capacity when the crane is in a level condition on solid ground or surface.
3. Ratings above are calculated with hooks and lifting slings considered.

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