

Max
78.5m

Max
17.5m

Max
106m

Max
4351kN·m

42t



STC1300C8-8 (26 Model)

三一汽车起重机
SANY TRUCK CRANE



QUALITY CHANGES THE WORLD

The parameters, pictures, and configurations in the brochure are for reference only; the actual configuration shall prevail.

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Truck Crane

三一汽车起重机



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主臂 (T)
主臂+副臂 (TJ)
主臂+延伸臂+副臂 (TEJ)

01 整机优势

Introduce

Excellent Performance 130 tons

- 78.5m four-bridge longest main boom, 8.4×6.84m four-bridge maximum span, leading lifting performance by over 15%, maximum torque 4351kN-m, true 130-ton lifting capacity.

Superior Handling comfort, intelligent

- Dual-slewing + working condition adaptive system, leading stability by 50%. Equipped with hoist follow-up and multi-gear control functions to meet various lifting scenarios. Rich configurations include rearview camera, hand washing tank, electric fan, electric pedals. Auxiliary installation cylinder for the jib makes operation easier.

King of Single Cranes

Gold power system, five-axle level transit capability.

- Weichai WP10H400 high-power engine + Fast Gear transmission, heavy-duty reinforced tires and suspension, equipped with tire pressure monitoring function. Carrying 31t counterweight and base plates for fast relocation, ensuring safe and worry-free operation.

Energy Saving i-EC02.0 system

- Special optimization of the engine program enables non-stop operation for a long time and inconspicuous regeneration process. Matched with brand-new variable power pump technology, engine speed is reduced by 25% and working fuel consumption is reduced by 20%.



STC1300C8-8 (26 Model)

SANY TRUCK CRANE



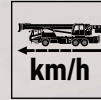
78.5m



17.5m



106m



87km/h



42t



8.4m(5.55m)x6.84m



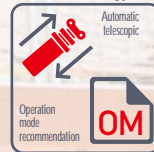
294kW/1900rpm



Combined and separate flow technology



Adaptive swing operation



One-button intelligent telescopic



Multi-gear control

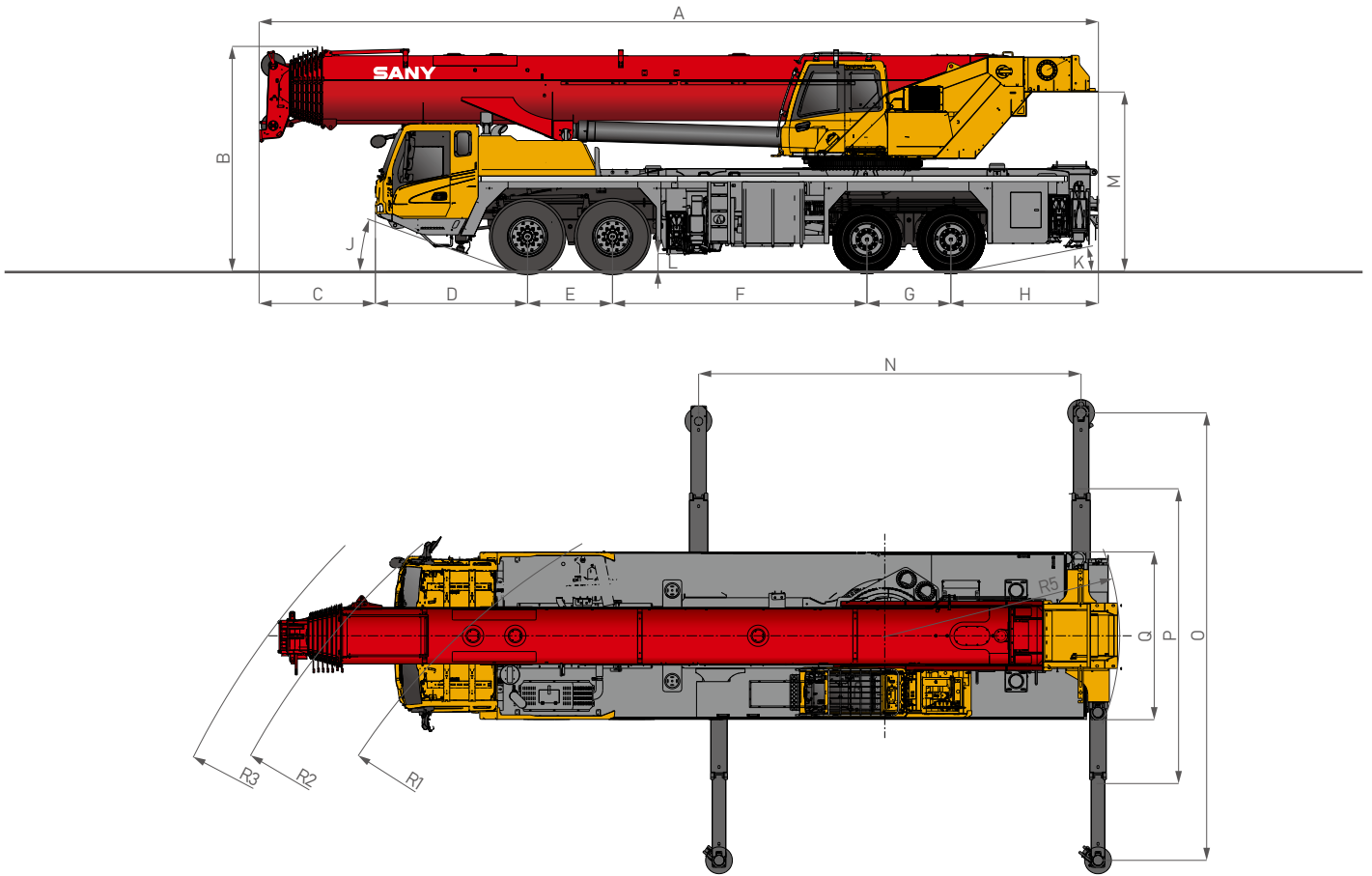


Non-inductive regeneration technology



I-ECO


i-ECO system




Unit	A	B	C	D	E	F	G	H	-	J	K
	mm	mm	mm	mm	mm	mm	mm	mm	-	°	°
Parameters	15000	3995	2070	2720	1520	4550	1500	2640	-	20	11
Unit	L	M	N	O	P	Q	R1	R2	R3	-	R5
	mm	mm	mm	mm	mm	mm	mm	mm	mm	-	mm
Parameters	310	3200	6840	8400	5500	3000	12000	13660	14580	-	4200


Type	Project		Unit	Parameters
Dimensions	Overall Length		mm	15000
	Overall Width		mm	3000
	Overall Height		mm	3995
Weight Parameters (Standard Specification Condition)	Operating Weight		kg	50000
	Load	Load on Axles 1 and 2	kg	24000
		Load on Axles 3 and 4	kg	26000

Type	Project	Unit	Parameters	
Power Parameters	Engine model	-	WP10H400E62	
	Maximum Engine Power	kW/rpm	294/1900	
	Maximum Engine Torque	N-m/rpm	1900/1200~1300	
Driving Parameters	Maximum Travel Speed	km/h	87	
	Minimum Turning Radius	m	12	
	Approach Angle	°	≥20	
	Departure Angle	°	≥11	
	Maximum Gradeability	%	50	
	Fuel Consumption per 100 km	L	≤43	
Main Performance Parameters	Maximum Rated Lifting Capacity	t	130	
	Slewing Platform Tail Radius (with counterweight)	m	4.94	
	Outrigger Span (Width × Length)	m	8.4(5.55)×6.84	
	Maximum Lifting Moment	Basic Boom	kN-m	4351
		Maximum Length of Main Boom	kN-m	1729
		Maximum Length of Main Boom + Jib	kN-m	1299.5
		Maximum length of main boom + extension boom (optional) + jib	kN-m	1035
	Boom Length	Basic Boom	m	13
		Maximum Length of Main Boom	m	78.5
		Maximum Length of Main Boom + Jib	m	96
Maximum length of main boom + extension boom (optional) + jib		m	105.5	











 Axle Load/t	1	2	3	4	Total Weight
		12	12	13	13

Announcement Status: Without fixed counterweight, without jib, main hook, spare tire, boom tip pulley, outrigger pads. The auxiliary hook is placed in the auxiliary hook bucket.












 Hook and Multiplication Ratio	Rated Load/t	Number of Pulleys	Rope Speed	Hook Weight/kg
	75(Anchor Hook)	5	10	735
8	0	1	250	

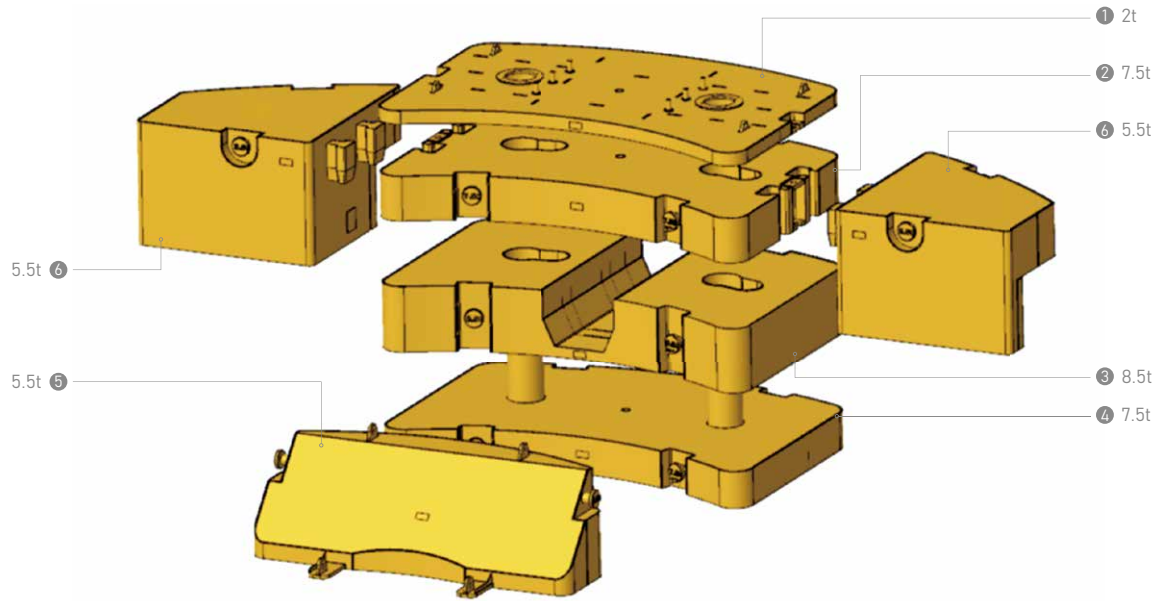
 Working Speed	Project	Single Rope Speed	Wire Rope Diameter / Length	Maximum Single Rope Tension
	Main Winch	0~135m/min	20mm/290m	7.5t
	Auxiliary Winch (optional)	0~135m/min	20mm/215m	7.5t
	Swing		0~1.6r/min	
	Luffing Up /Down		60s/80s (0~80°)	
	Boom Extending /Retracting		750s/650s (13m~78.5m)	
	Vertical Outrigger Extending / Retracting		32s/32s	
Horizontal Outrigger Extending / Retracting		15s/15s		

上车/Superstructure

	Slewing platform	▪ SANY self-manufactured structural parts, made of high-strength steel, featuring high torsional stiffness and long fatigue life.
	Operator Cab	▪ Industry's first passenger car-level comfort experience, equipped with fully softened interior, front pedal, electric retractable side pedal, panoramic sunroof, and adjustable widened seats and other humanized designs. It features a 10.1-inch display with a buttonless design for upgraded interaction. Standard-equipped with heating and cooling air conditioning, electric fan, as well as sunshades for the top window, side windows and rear window.
	Hydraulic System	▪ Load-sensing pump + electronically controlled main valve, with real-time displacement adjustment and precise control of combined movements.
	Control System	▪ Adopts a bus instrument with an integrated electrical system to monitor driving and operating parameters in real time.
	Hoisting mechanism	▪ Normally closed winch reducer, 11-piston axial motor with anti-slip hook technology.
	Luffing system	▪ Innovative automatic amplitude-lowering compensation technology for faster and more stable operation during amplitude-lowering working conditions.
	Slewing system	▪ 1800mm diameter slewing bearing, dual reducer configuration, electrically controlled dual-slewing system, ensuring smooth and shock-free slewing.
	Safety devices	▪ Hydraulic relief valve, counterbalance valve, bidirectional hydraulic lock, moment limiter, three-circle protector, height limiter and winch monitoring device.
	Telescopic boom	▪ 8-section single-cylinder plug-in main boom, made of high-strength welded structural steel with an oval cross-section. The jib is 17.5m, and a 9.5m extension jib is available as an option.
	Counterweight	▪ Standard 42t counterweight, capable of traveling with 31t counterweight.

下车/Chassis

	Cab	▪ Independently developed by SANY, the cab features an outward-opening door. The main driver's seat is an air-suspension shock-absorbing seat, equipped with a multi-function steering wheel, electric heated rearview mirrors, heating and cooling air conditioning, a 12.1-inch entertainment screen, reverse camera, and a sleeper berth.
	Frame	▪ Structural components manufactured by SANY, made of high-strength steel, featuring high rigidity and strong load-bearing capacity.
	Axle	▪ Built-in inter-axle and inter-wheel differentials; welded bridge housing technology for stronger load capacity.
	Engine	▪ Diesel engine, emissions meet China VI standards; fuel tank effective volume 450L.
	Transmission System	▪ Fast 10-speed gearbox with synchronizer.
	Braking System	▪ The service brake adopts a dual-circuit braking system, with air servo brakes on all wheels. The front axle is equipped with wedge brakes + dual air chambers. ▪ The parking brake uses spring actuation inside the air chambers on the 2nd, 3rd and 4th axles. ▪ Emergency brake adopts accumulator energy storage and air-break brake, which also serves as emergency brake. ▪ Auxiliary braking adopts in-cylinder braking to ensure braking safety during long downhill descents.
	Suspension system	▪ The front axle adopts leaf spring suspension, while the middle and rear axles adopt swinging bracket type leaf spring balanced suspension.
	Steering system	▪ 1st + 2nd axle hydraulic assisted mechanical steering.
	Drive	▪ 3rd + 4th axle drive.
	Outtrigger	▪ H-type outriggers with 4-point support, made of fine-grain high-strength steel plate; The first and second-stage outriggers adopt full-hydraulic lateral extension, and the vertical outrigger cylinders are equipped with bidirectional hydraulic locks for safety protection.
	Tire	▪ Equipped with heavy-duty reinforced custom tires, 4*385/95R25+8*325/95R24.

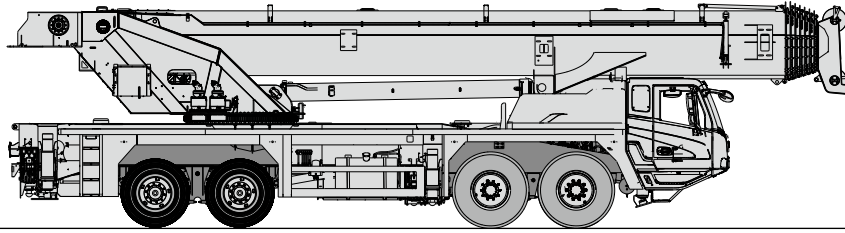


No.	Name	Weight (t)
1	Fixed counterweight	2t
2	Counterweight 1	7.5t
3	Counterweight 2	8.5t
4	Counterweight 3	7.5t
5	Counterweight 4	5.5t
6	Additional Counterweight	2×5.5t

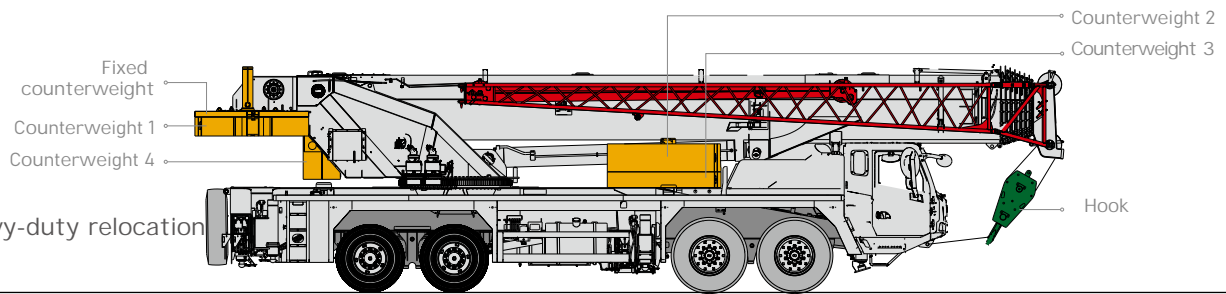
Traveling with Load Counterweight Status Carrying 31t counterweight for relocation:

2t + 7.5t mounted at the rear of the turntable,
 8.5t + 7.5t stacked on the front of the frame,
 5.5t mounted under the inclined base plate of the turntable.

■ Announcement status



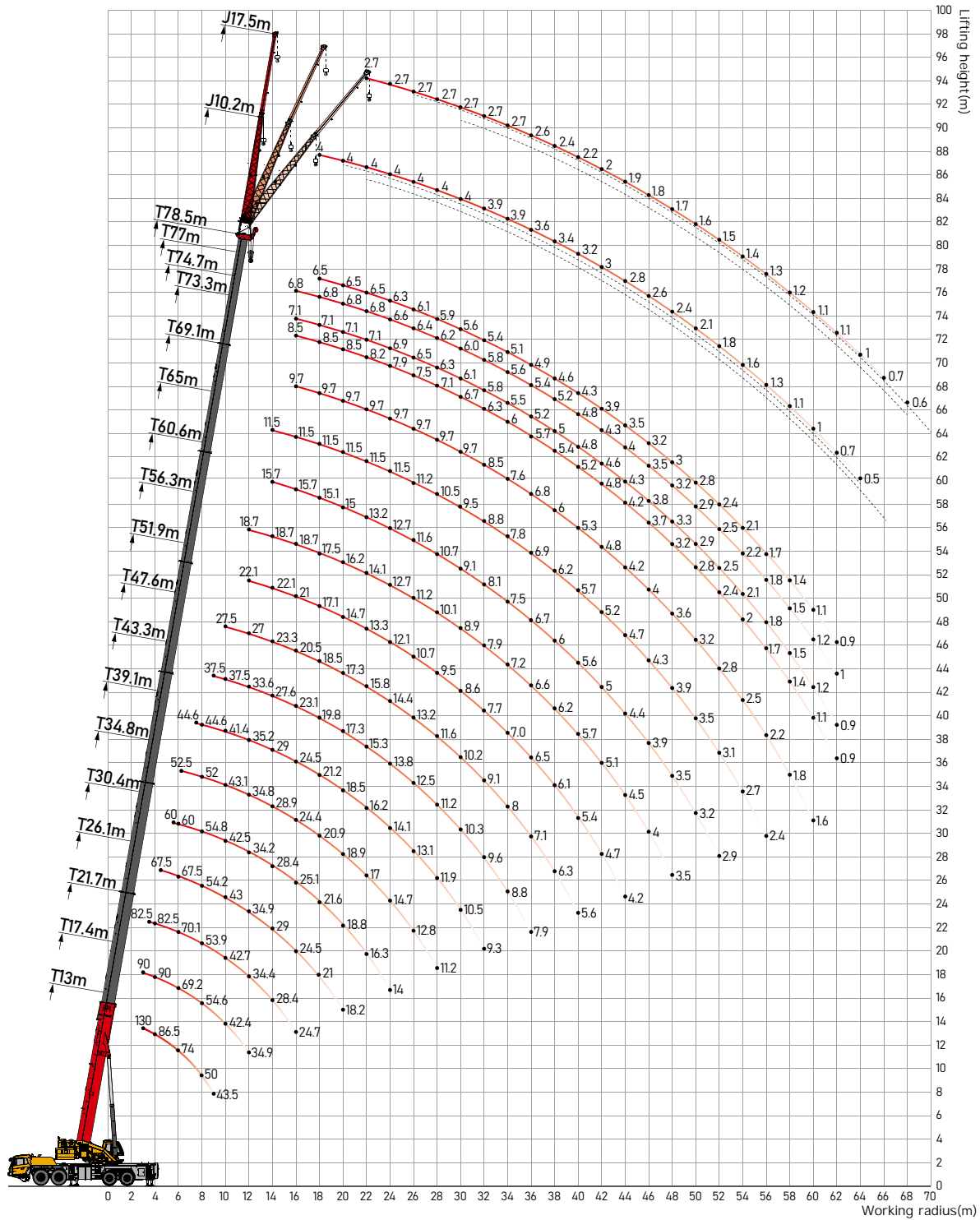
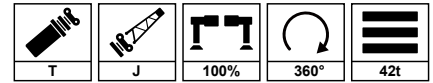
■ Heavy-duty relocation



☰ 31t

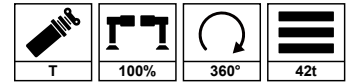
07 Lifting Height Curve Chart

Main boom + jib (TJ)







07 Lifting Performance Table

Main boom (T)



Unit: t

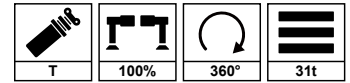
 m	13.0	17.4	21.7	26.1	30.4	34.8	39.1	43.3	47.6	51.9	56.3	60.6	65.0	69.1	73.3	74.7	77.0	78.5	 m		
3.0	130.0*	90.0																		3.0	
3.5	90.0	90.0	82.5																	3.5	
4.0	86.5	90.0	82.5																	4.0	
4.5	83.8	85.1	82.5	67.5																4.5	
5.0	80.0	78.6	79.4	67.5																5.0	
5.5	75.0	73.2	74.5	67.5	60.0															5.5	
6.0	74.0	69.2	70.1	67.5	60.0															6.0	
6.5	67.0	65.7	66.1	65.2	60.0	52.5														6.5	
7.0	60.5	62.6	62.5	61.7	60.0	52.5														7.0	
7.5	55.0	58.7	58.2	58.3	58.0	52.5	44.6													7.5	
8.0	50.0	54.6	53.9	54.2	54.8	52.0	44.6													8.0	
9.0	43.5	47.8	48.2	47.4	48.0	47.1	44.6	37.5												9.0	
10.0		42.4	42.7	43.0	42.5	43.1	41.4	37.5	27.5											10.0	
12.0		34.9	34.4	34.9	34.2	34.8	35.2	33.6	27.0	22.1	18.7									12.0	
14.0			28.4	29.0	28.4	28.9	29.0	27.6	23.3	22.1	18.7	15.7	11.5							14.0	
16.0			24.7	24.5	25.1	24.4	24.5	23.1	20.5	21.0	18.7	15.7	11.5	9.7	8.5	7.1	6.8			16.0	
18.0				21.0	21.6	20.9	21.2	19.8	18.5	17.1	17.5	15.1	11.5	9.7	8.5	7.1	6.8	6.5		18.0	
20.0				18.2	18.8	18.9	18.5	17.3	17.3	14.7	16.2	15.0	11.5	9.7	8.5	7.1	6.8	6.5	20.0	20.0	
22.0					16.3	17.0	16.2	15.3	15.8	13.3	14.1	13.2	11.5	9.7	8.2	7.1	6.8	6.5	22.0	22.0	
24.0					14.0	14.7	14.1	13.8	14.4	12.1	12.7	12.7	11.5	9.7	7.9	6.9	6.6	6.3	24.0	24.0	
26.0						12.8	13.1	12.5	13.2	10.7	11.2	11.6	11.2	9.7	7.5	6.5	6.4	6.1	26.0	26.0	
28.0						11.2	11.9	11.2	11.6	9.5	10.1	10.7	10.5	9.7	7.1	6.3	6.2	5.9	28.0	28.0	
30.0							10.5	10.3	10.2	8.6	8.9	9.1	9.5	9.7	6.7	6.1	6.0	5.6	30.0	30.0	
32.0							9.3	9.6	9.1	7.7	7.9	8.1	8.8	8.5	6.3	5.8	5.8	5.4	32.0	32.0	
34.0								8.8	8.0	7.0	7.2	7.5	7.8	7.6	6.0	5.5	5.6	5.1	34.0	34.0	
36.0								7.9	7.1	6.5	6.6	6.7	6.9	6.8	5.7	5.2	5.4	4.9	36.0	36.0	
38.0									6.3	6.1	6.2	6.0	6.2	6.0	5.4	5.0	5.2	4.6	38.0	38.0	
40.0									5.6	5.4	5.7	5.6	5.7	5.3	5.2	4.8	4.8	4.3	40.0	40.0	
42.0										4.7	5.1	5.0	5.2	4.8	4.8	4.6	4.3	3.9	42.0	42.0	
44.0										4.2	4.5	4.4	4.7	4.2	4.2	4.3	4.0	3.5	44.0	44.0	
46.0											4.0	3.9	4.3	4.0	3.7	3.8	3.5	3.2	46.0	46.0	
48.0												3.5	3.5	3.9	3.6	3.2	3.3	3.2	3.0	48.0	48.0
50.0													3.2	3.5	3.2	2.8	2.9	2.9	2.8	50.0	50.0
52.0														2.9	3.1	2.8	2.4	2.5	2.4	52.0	52.0
54.0															2.7	2.5	2.0	2.1	2.2	54.0	54.0
56.0																2.4	2.2	1.7	1.8	56.0	56.0
58.0																	1.8	1.4	1.5	58.0	58.0
60.0																		1.6	1.1	60.0	60.0
62.0																			0.9	62.0	62.0
 t _n	12.0	12.0	11.0	9.0	8.0	7.0	6.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0	 t _n	





Note: * Only represents the lifting capacity grade.

07 Lifting Performance Table

Main boom (T)

Unit: t



 m	13.0	17.4	21.7	26.1	30.4	34.8	39.1	43.3	47.6	51.9	56.3	60.6	65.0	69.1	73.3	74.7	77.0	78.5	 m
3.0	130.0*	90.0																	3.0
3.5	90.0	90.0	82.5																3.5
4.0	86.5	90.0	82.5																4.0
4.5	83.8	85.1	82.5	67.5															4.5
5.0	80.0	78.6	79.4	67.5															5.0
5.5	73.5	73.2	74.5	67.5	60.0														5.5
6.0	69.9	69.2	68.9	67.5	60.0														6.0
6.5	64.0	63.9	64.2	63.5	60.0	52.5													6.5
7.0	59.0	58.9	59.3	58.5	59.1	52.5													7.0
7.5	54.6	54.5	54.9	54.2	54.7	52.5	44.6												7.5
8.0	50.0	50.7	51.1	50.9	50.9	51.6	44.6												8.0
9.0	43.5	45.3	44.7	45.2	44.5	45.1	44.6	37.5											9.0
10.0		40.1	39.5	40.1	39.4	40.0	40.6	37.5	27.5										10.0
12.0		32.3	31.8	32.3	31.6	32.2	32.8	33.4	27.0	22.1	18.7								12.0
14.0			26.9	26.7	27.3	26.6	27.2	27.6	23.3	22.1	18.7	15.7	11.5						14.0
16.0			22.5	21.8	22.6	21.7	22.5	23.1	20.5	21.0	18.7	15.7	11.5	9.7	8.5	7.1	6.8		16.0
18.0				18.5	18.4	19.2	19.1	19.1	18.5	17.1	17.5	15.1	11.5	9.7	8.5	7.1	6.8	6.5	18.0
20.0				15.7	15.6	16.0	16.7	15.9	16.5	14.7	15.6	15.0	11.5	9.7	8.5	7.1	6.8	6.5	20.0
22.0					13.9	13.5	14.2	14.0	14.0	12.6	13.1	13.2	11.5	9.7	8.2	7.1	6.8	6.5	22.0
24.0					12.3	12.7	12.2	12.7	12.0	11.4	11.8	11.5	11.5	9.7	7.9	6.9	6.6	6.3	24.0
26.0						11.0	10.7	11.1	10.3	10.0	10.4	10.3	10.1	9.7	7.5	6.5	6.4	6.1	26.0
28.0						9.6	10.0	9.7	8.9	8.6	9.0	8.9	9.0	8.9	7.1	6.3	6.2	5.9	28.0
30.0							9.0	8.5	7.8	7.5	7.8	7.8	7.8	7.7	6.7	6.1	6.0	5.6	30.0
32.0							8.0	7.5	6.8	6.5	6.8	6.8	7.2	6.7	6.3	5.8	5.8	5.4	32.0
34.0								6.6	5.9	5.7	6.0	6.4	6.4	6.0	5.6	5.5	5.6	5.1	34.0
36.0								5.9	5.3	5.4	5.2	5.7	5.6	5.3	4.9	5.0	5.0	4.9	36.0
38.0									4.8	4.9	4.5	5.0	4.9	4.7	4.2	4.3	4.3	4.2	38.0
40.0									4.2	4.4	4.0	4.4	4.3	4.1	3.6	3.7	3.7	3.6	40.0
42.0										4.0	3.7	3.9	3.8	3.5	3.1	3.2	3.2	3.1	42.0
44.0										3.5	3.4	3.4	3.3	3.0	2.6	2.7	2.7	2.6	44.0
46.0											3.2	3.0	2.9	2.6	2.1	2.2	2.3	2.2	46.0
48.0											2.9	2.6	2.5	2.2	1.7	1.8	1.9	1.8	48.0
50.0												2.3	2.3	1.8	1.4	1.5	1.5	1.4	50.0
52.0												2.0	2.0	1.5	1.0	1.1	1.2	1.1	52.0
54.0													1.7	1.2			0.9		54.0
56.0													1.4	0.9					56.0
	12.0	12.0	11.0	9.0	8.0	7.0	6.0	5.0	4.0	4.0	4.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	

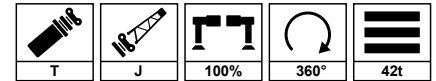
Note: * Only represents the lifting capacity grade.







07

Lifting Performance Table

Main boom + jib (TJ)

Unit: t



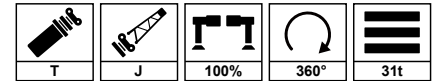
	64.9+17.5			69.1+17.5			73.7+17.5			78.5+17.5			
	0	15	30	0	15	30	0	15	30	0	15	30	
16.0	3.9												16.0
18.0	3.9			3.5			3.1						18.0
20.0	3.9	2.8		3.5			3.1						20.0
22.0	3.7	2.8		3.5	2.6		3.1	2.4		2.7			22.0
24.0	3.6	2.8	1.9	3.5	2.6		3.1	2.4		2.7			24.0
26.0	3.6	2.8	1.9	3.5	2.6	1.8	3.1	2.4	1.7	2.7	2.3		26.0
28.0	3.5	2.8	1.8	3.3	2.4	1.6	3.1	2.3	1.6	2.7	2.2		28.0
30.0	3.3	2.6	1.6	3.1	2.3	1.5	3.1	2.2	1.5	2.7	2.2	1.6	30.0
32.0	3.1	2.4	1.5	3.0	2.2	1.5	3.0	2.2	1.5	2.7	2.1	1.6	32.0
34.0	3.0	2.3	1.5	2.8	2.2	1.5	2.8	2.1	1.5	2.7	2.0	1.5	34.0
36.0	2.8	2.2	1.5	2.7	2.1	1.4	2.7	2.0	1.4	2.6	1.9	1.5	36.0
38.0	2.7	2.2	1.4	2.6	2.0	1.4	2.6	1.9	1.4	2.4	1.8	1.5	38.0
40.0	2.6	2.1	1.4	2.4	1.9	1.3	2.4	1.8	1.3	2.2	1.8	1.4	40.0
42.0	2.4	2.0	1.3	2.2	1.8	1.3	2.2	1.8	1.3	2.0	1.8	1.4	42.0
44.0	2.2	1.9	1.3	2.0	1.8	1.3	2.0	1.8	1.3	1.9	1.7	1.3	44.0
46.0	1.9	1.8	1.3	1.9	1.8	1.3	1.9	1.7	1.3	1.8	1.6	1.3	46.0
48.0	1.8	1.8	1.3	1.8	1.7	1.2	1.8	1.6	1.3	1.7	1.5	1.3	48.0
50.0	1.7	1.8	1.2	1.7	1.6	1.2	1.7	1.5	1.2	1.6	1.4	1.3	50.0
52.0	1.6	1.7	1.1	1.6	1.4	1.1	1.6	1.4	1.1	1.5	1.3	1.3	52.0
54.0	1.5	1.6	1.0	1.5	1.3	1.0	1.5	1.3	1.1	1.4	1.3	1.2	54.0
56.0	1.4	1.4	0.9	1.4	1.3	1.0	1.4	1.3	1.1	1.3	1.2	1.1	56.0
58.0	1.3	1.3	0.7	1.3	1.2	0.9	1.3	1.2	1.0	1.2	1.1	1.1	58.0
60.0	1.2	1.2		1.2	1.1	0.8	1.2	1.1	0.9	1.1	1.0	1.0	60.0
62.0	0.9	1.1		1.1	1.0	0.7	1.1	1.0	0.8	1.1	1.0	0.9	62.0
64.0	0.7	0.9		0.9	0.9		1.0	1.0	0.7	1.0	0.9	0.8	64.0
66.0	0.5	0.7		0.6	0.8		0.8	0.9		0.7	0.9	0.7	66.0
68.0				0.5	0.6		0.6	0.8		0.6	0.8	0.6	68.0
70.0								0.6			0.6		70.0
							1						
							8						







07

Lifting Performance Table

Main boom + jib (TJ)

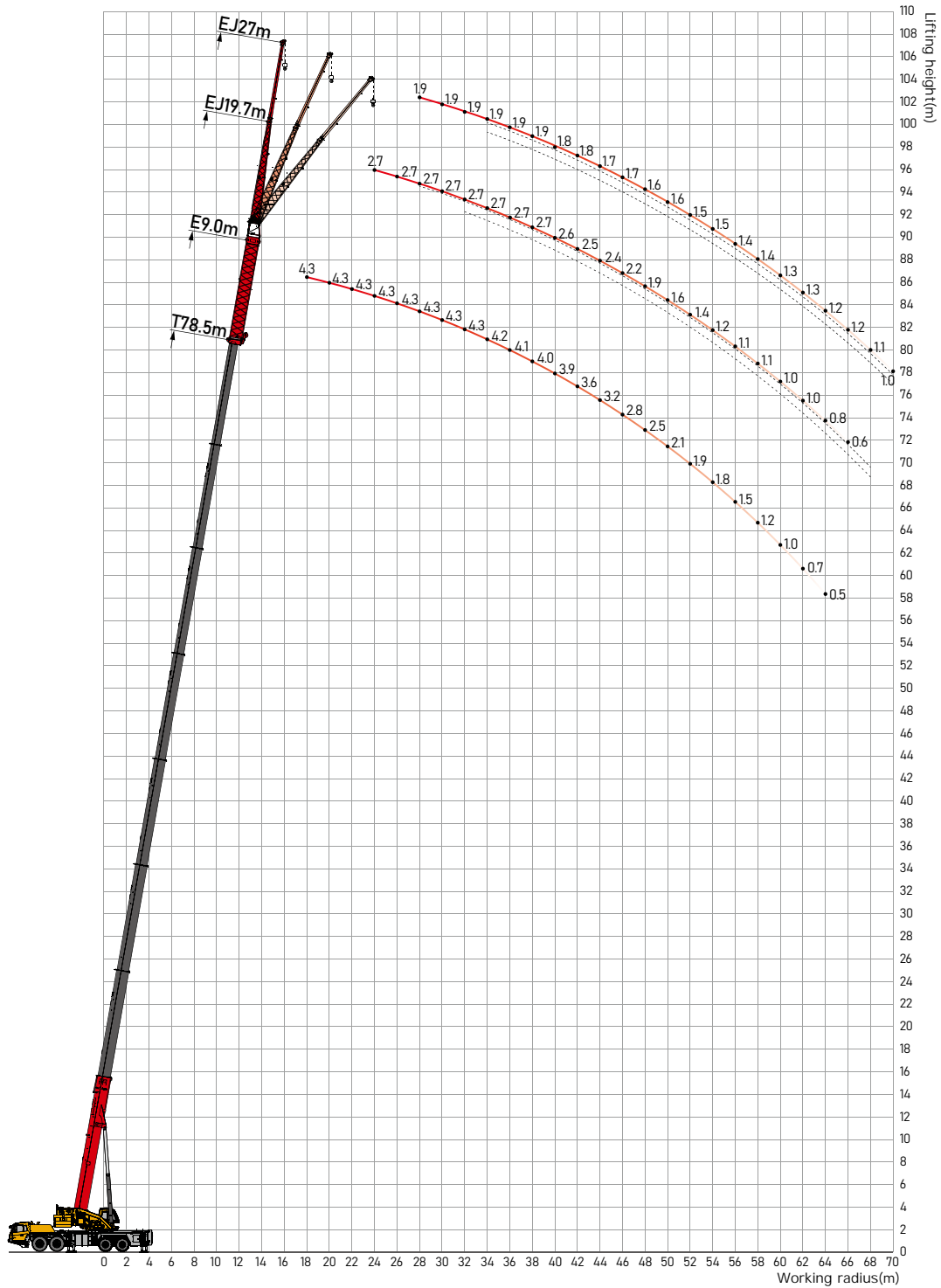
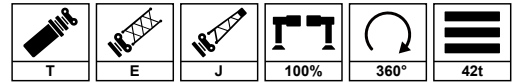
Unit: t



	64.9+17.5			69.1+17.5			73.7+17.5			78.5+17.5			
	0	15	30	0	15	30	0	15	30	0	15	30	
16.0	3.9												16.0
18.0	3.9			3.5			3.1						18.0
20.0	3.9	2.8		3.5			3.1						20.0
22.0	3.7	2.8		3.5	2.6		3.1	2.4		2.7			22.0
24.0	3.6	2.8	1.9	3.5	2.6		3.1	2.4		2.7			24.0
26.0	3.6	2.8	1.9	3.5	2.6	1.8	3.1	2.4	1.7	2.7	2.3		26.0
28.0	3.5	2.8	1.8	3.3	2.4	1.6	3.1	2.3	1.6	2.7	2.2		28.0
30.0	3.3	2.6	1.6	3.1	2.3	1.5	3.1	2.2	1.5	2.7	2.2	1.6	30.0
32.0	3.1	2.4	1.5	3.0	2.2	1.5	3.0	2.2	1.5	2.7	2.1	1.6	32.0
34.0	3.0	2.3	1.5	2.8	2.2	1.5	2.8	2.1	1.5	2.7	2.0	1.5	34.0
36.0	2.8	2.2	1.5	2.7	2.1	1.4	2.7	2.0	1.4	2.6	1.9	1.5	36.0
38.0	2.7	2.2	1.4	2.6	2.0	1.4	2.6	1.9	1.4	2.4	1.8	1.5	38.0
40.0	2.6	2.1	1.4	2.4	1.9	1.3	2.4	1.8	1.3	2.2	1.8	1.4	40.0
42.0	2.4	2.0	1.3	2.2	1.8	1.3	2.2	1.8	1.3	2.0	1.8	1.4	42.0
44.0	2.2	1.9	1.3	2.0	1.8	1.3	2.0	1.8	1.3	1.9	1.7	1.3	44.0
46.0	1.9	1.8	1.3	1.9	1.8	1.3	1.9	1.7	1.3	1.8	1.6	1.3	46.0
48.0	1.7	1.8	1.3	1.8	1.7	1.2	1.8	1.6	1.3	1.7	1.5	1.3	48.0
50.0	1.4	1.8	1.2	1.5	1.6	1.2	1.7	1.5	1.2	1.6	1.4	1.3	50.0
52.0	1.1	1.4	1.1	1.2	1.4	1.1	1.4	1.4	1.1	1.3	1.3	1.3	52.0
54.0	0.8	1.1	1.0	1.0	1.3	1.0	1.1	1.3	1.1	1.1	1.3	1.2	54.0
56.0	0.6	0.9	0.9	0.7	1.0	1.0	0.9	1.2	1.1	0.8	1.1	1.1	56.0
58.0		0.6	0.7	0.5	0.7	0.9	0.6	0.9	1.0	0.6	0.9	1.1	58.0
60.0					0.5	0.7		0.7	0.9		0.6	0.8	60.0
62.0						0.5		0.5	0.6			0.6	62.0
	1												
	8												

07 | Lifting Height Curve Chart

Main boom + extension boom + jib (TEJ)

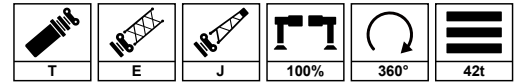


07

Lifting Performance Table

Main boom + extension boom + jib (TEJ)

Unit: t



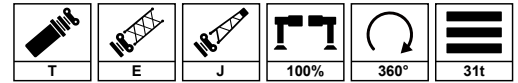
m	64.9+9	69.1+9	73.7+9	78.5+9	64.9+9.5+10.2			69.1+9.5+10.2			73.7+9.5+10.2			78.5+9.5+10.2			m	
	0	0	0	0	0	15	30	0	15	30	0	15	30	0	15	30		
12.0	6.8																	12.0
14.0	6.6	6.0																14.0
16.0	6.4	5.8	5.1		3.8													16.0
18.0	6.2	5.6	5.1	4.3	3.8			3.6										18.0
20.0	6.0	5.4	5.1	4.3	3.7	3.1		3.6	2.9		3.2							20.0
22.0	5.6	5.2	5.1	4.3	3.6	3.1		3.5	2.9		3.2	2.7						22.0
24.0	5.4	5.1	5.0	4.3	3.5	3.1	2.4	3.4	2.9	2.2	3.2	2.7		2.7				24.0
26.0	5.2	4.9	4.8	4.3	3.4	3.1	2.4	3.3	2.9	2.2	3.2	2.7	2.1	2.7				26.0
28.0	5.0	4.7	4.6	4.3	3.3	3.0	2.4	3.2	2.9	2.2	3.1	2.7	2.1	2.7	2.6			28.0
30.0	4.8	4.6	4.4	4.3	3.2	2.9	2.4	3.1	2.7	2.2	3.0	2.6	2.1	2.7	2.5			30.0
32.0	4.6	4.5	4.2	4.3	3.1	2.8	2.4	3.0	2.6	2.2	3.0	2.5	2.1	2.7	2.4	2.0		32.0
34.0	4.4	4.3	4.2	4.2	3.0	2.7	2.2	3.0	2.5	2.1	2.9	2.4	2.0	2.7	2.3	1.9		34.0
36.0	4.2	4.0	4.0	4.1	3.0	2.6	2.1	2.9	2.4	2.0	2.8	2.3	2.0	2.7	2.2	1.9		36.0
38.0	4.0	3.9	3.9	4.0	2.9	2.5	2.0	2.8	2.3	2.0	2.8	2.2	1.9	2.7	2.0	1.8		38.0
40.0	3.8	3.6	3.6	3.9	2.8	2.4	2.0	2.8	2.2	1.9	2.7	2.0	1.8	2.6	1.9	1.8		40.0
42.0	3.3	3.1	3.2	3.6	2.8	2.3	1.9	2.7	2.0	1.8	2.6	1.9	1.8	2.5	1.8	1.7		42.0
44.0	2.9	2.7	2.8	3.2	2.7	2.2	1.8	2.6	1.9	1.8	2.5	1.8	1.7	2.4	1.7	1.7		44.0
46.0	2.6	2.3	2.5	2.8	2.6	2.0	1.8	2.5	1.8	1.7	2.4	1.7	1.7	2.2	1.6	1.6		46.0
48.0	2.2	1.9	2.1	2.5	2.5	1.9	1.7	2.4	1.7	1.7	2.2	1.6	1.6	1.9	1.5	1.6		48.0
50.0	2.0	1.8	1.9	2.1	2.4	1.8	1.5	2.2	1.6	1.6	1.9	1.5	1.6	1.6	1.4	1.5		50.0
52.0	1.7	1.7	1.8	1.9	2.1	1.7	1.3	1.9	1.5	1.6	1.6	1.4	1.5	1.4	1.3	1.4		52.0
54.0	1.4	1.6	1.7	1.8	1.8	1.6	1.1	1.6	1.4	1.5	1.4	1.3	1.4	1.2	1.2	1.3		54.0
56.0	1.1	1.3	1.5	1.5	1.5	1.5	0.9	1.4	1.3	1.4	1.2	1.2	1.3	1.1	1.1	1.2		56.0
58.0	0.8	1.0	1.3	1.2	1.2	1.4	0.7	1.2	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.1		58.0
60.0	0.6	0.8	1.0	1.0	1.0	1.1	0.6	1.1	1.1	1.0	1.1	1.1	1.0	1.0	1.0	1.0		60.0
62.0		0.5	0.7	0.7	0.8	0.9		0.9	1.0	0.8	1.0	1.0	0.9	1.0	0.9	0.8		62.0
64.0			0.5	0.5	0.6	0.7		0.7	0.8	0.6	0.8	1.0	0.8	0.8	0.9	0.8		64.0
66.0						0.5		0.5	0.6		0.6	0.8	0.6	0.6	0.7	0.7		66.0
68.0											0.5	0.6			0.5	0.6		68.0
	1																	
	8																	







07

Lifting Performance Table

Main boom + extension boom + jib (TEJ)

Unit: t



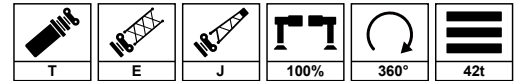
	64.9+9	69.1+9	73.7+9	78.5+9	64.9+9.5+10.2			69.1+9.5+10.2			73.7+9.5+10.2			78.5+9.5+10.2				
	0	0	0	0	0	15	30	0	15	30	0	15	30	0	15	30		
12.0	6.8																	12.0
14.0	6.6	6.0																14.0
16.0	6.4	5.8	5.1		3.8													16.0
18.0	6.2	5.6	5.1	4.3	3.8			3.6										18.0
20.0	6.0	5.4	5.1	4.3	3.7	3.1		3.6	2.9		3.2							20.0
22.0	5.6	5.2	5.1	4.3	3.6	3.1		3.5	2.9		3.2	2.7						22.0
24.0	5.4	5.1	5.0	4.3	3.5	3.1	2.4	3.4	2.9	2.2	3.2	2.7		2.7				24.0
26.0	5.2	4.9	4.8	4.3	3.4	3.1	2.4	3.3	2.9	2.2	3.2	2.7	2.1	2.7				26.0
28.0	5.0	4.7	4.6	4.3	3.3	3.0	2.4	3.2	2.9	2.2	3.1	2.7	2.1	2.7	2.6			28.0
30.0	4.8	4.6	4.4	4.3	3.2	2.9	2.4	3.1	2.7	2.2	3.0	2.6	2.1	2.7	2.5			30.0
32.0	4.6	4.5	4.2	4.3	3.1	2.8	2.4	3.0	2.6	2.2	3.0	2.5	2.1	2.7	2.4	2.0		32.0
34.0	4.4	4.3	4.2	4.2	3.0	2.7	2.2	3.0	2.5	2.1	2.9	2.4	2.0	2.7	2.3	1.9		34.0
36.0	3.9	4.0	4.0	4.1	3.0	2.6	2.1	2.9	2.4	2.0	2.8	2.3	2.0	2.7	2.2	1.9		36.0
38.0	3.3	3.5	3.8	3.7	2.9	2.5	2.0	2.8	2.3	2.0	2.8	2.2	1.9	2.7	2.0	1.8		38.0
40.0	2.8	3.0	3.2	3.1	2.8	2.4	2.0	2.8	2.2	1.9	2.7	2.0	1.8	2.6	1.9	1.8		40.0
42.0	2.2	2.5	2.7	2.7	2.6	2.3	1.9	2.7	2.0	1.8	2.6	1.9	1.8	2.5	1.8	1.7		42.0
44.0	1.8	2.0	2.3	2.2	2.2	2.2	1.8	2.3	1.9	1.8	2.5	1.8	1.7	2.4	1.7	1.7		44.0
46.0	1.5	1.6	1.9	1.8	1.8	2.0	1.8	2.0	1.8	1.7	2.1	1.7	1.7	2.0	1.6	1.6		46.0
48.0	1.1	1.3	1.5	1.5	1.5	1.7	1.7	1.6	1.7	1.7	1.8	1.6	1.6	1.7	1.5	1.6		48.0
50.0	0.8	1.0	1.2	1.2	1.2	1.4	1.5	1.3	1.5	1.6	1.5	1.5	1.6	1.4	1.4	1.5		50.0
52.0	0.5	0.7	0.9	0.9	0.9	1.1	1.2	1.0	1.2	1.4	1.2	1.4	1.5	1.1	1.3	1.4		52.0
54.0			0.6	0.6	0.7	0.8	1.0	0.8	1.0	1.1	0.9	1.1	1.2	0.9	1.1	1.2		54.0
56.0						0.6	0.7	0.6	0.7	0.8	0.7	0.9	1.0	0.6	0.8	0.9		56.0
58.0							0.5		0.5	0.6	0.5	0.6	0.7		0.6	0.7		58.0
60.0													0.5			0.5		60.0
	1																	
	8																	

07

Lifting Performance Table

Main boom + extension boom + jib (TEJ)

Unit: t

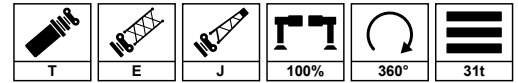


m	64.9+9.5+17.5			69.1+9.5+17.5			73.7+9.5+17.5			78.5+9.5+17.5			m
	0	15	30	0	15	30	0	15	30	0	15	30	
20.0	2.6												20.0
22.0	2.6			2.5									22.0
24.0	2.6	1.9		2.4			2.2						24.0
26.0	2.5	1.9		2.4	1.8		2.2						26.0
28.0	2.4	1.9	1.6	2.4	1.8		2.2	1.7		1.9			28.0
30.0	2.4	1.9	1.6	2.3	1.8	1.5	2.2	1.7		1.9			30.0
32.0	2.4	1.9	1.6	2.2	1.8	1.5	2.1	1.7	1.4	1.9			32.0
34.0	2.3	1.9	1.6	2.1	1.8	1.5	2.0	1.7	1.4	1.9	1.6		34.0
36.0	2.2	1.8	1.6	2.0	1.7	1.5	2.0	1.6	1.4	1.9	1.5		36.0
38.0	2.1	1.7	1.6	2.0	1.6	1.5	1.9	1.5	1.4	1.9	1.5	1.3	38.0
40.0	2.0	1.6	1.5	1.9	1.5	1.4	1.9	1.5	1.3	1.8	1.5	1.2	40.0
42.0	2.0	1.5	1.4	1.9	1.5	1.3	1.8	1.5	1.2	1.8	1.4	1.2	42.0
44.0	1.9	1.5	1.3	1.8	1.5	1.2	1.8	1.4	1.2	1.7	1.4	1.1	44.0
46.0	1.9	1.5	1.2	1.8	1.4	1.2	1.7	1.4	1.1	1.7	1.4	1.1	46.0
48.0	1.8	1.4	1.2	1.7	1.4	1.1	1.7	1.4	1.1	1.6	1.3	1.1	48.0
50.0	1.8	1.4	1.1	1.7	1.4	1.1	1.6	1.3	1.1	1.6	1.3	1.1	50.0
52.0	1.7	1.4	1.1	1.6	1.3	1.1	1.6	1.3	1.1	1.5	1.3	1.0	52.0
54.0	1.7	1.3	1.1	1.6	1.3	1.1	1.5	1.3	1.0	1.5	1.2	1.0	54.0
56.0	1.6	1.3	1.1	1.5	1.3	1.0	1.5	1.2	1.0	1.4	1.2	1.0	56.0
58.0	1.6	1.3	1.0	1.5	1.2	1.0	1.4	1.2	1.0	1.4	1.2	1.0	58.0
60.0	1.5	1.2	1.0	1.4	1.2	0.9	1.4	1.2	1.0	1.3	1.1	1.0	60.0
62.0	1.5	1.2	0.9	1.4	1.1	0.9	1.3	1.1	1.0	1.3	1.1	0.9	62.0
64.0	1.4	1.1	0.8	1.3	1.1	0.8	1.3	1.1	0.9	1.2	1.1	0.9	64.0
66.0	1.3	1.0	0.7	1.2	1.1	0.8	1.2	1.1	0.9	1.2	1.0	0.8	66.0
68.0	1.1	0.9	0.6	1.2	1.0	0.7	1.2	1.0	0.8	1.1	1.0	0.8	68.0
70.0	0.9	0.8		1.0	1.0	0.6	1.1	1.0	0.8	1.0	0.9	0.7	70.0
Ψ_n	1												Ψ_n
ζ^t	8												ζ^t

Lifting Performance Table

Main boom + extension boom + jib (TEJ)

Unit: t



m	64.9+9.5+17.5			69.1+9.5+17.5			73.7+9.5+17.5			78.5+9.5+17.5			m
	0	15	30	0	15	30	0	15	30	0	15	30	
20.0	2.6												20.0
22.0	2.6			2.5									22.0
24.0	2.6	1.9		2.4			2.2						24.0
26.0	2.5	1.9		2.4	1.8		2.2						26.0
28.0	2.4	1.9	1.6	2.4	1.8		2.2	1.7		1.9			28.0
30.0	2.4	1.9	1.6	2.3	1.8	1.5	2.2	1.7		1.9			30.0
32.0	2.4	1.9	1.6	2.2	1.8	1.5	2.1	1.7	1.4	1.9			32.0
34.0	2.3	1.9	1.6	2.1	1.8	1.5	2.0	1.7	1.4	1.9	1.6		34.0
36.0	2.2	1.8	1.6	2.0	1.7	1.5	2.0	1.6	1.4	1.9	1.5		36.0
38.0	2.1	1.7	1.6	2.0	1.6	1.5	1.9	1.5	1.4	1.9	1.5	1.3	38.0
40.0	2.0	1.6	1.5	1.9	1.5	1.4	1.9	1.5	1.3	1.8	1.5	1.2	40.0
42.0	2.0	1.5	1.4	1.9	1.5	1.3	1.8	1.5	1.2	1.8	1.4	1.2	42.0
44.0	1.9	1.5	1.3	1.8	1.5	1.2	1.8	1.4	1.2	1.7	1.4	1.1	44.0
46.0	1.9	1.5	1.2	1.8	1.4	1.2	1.7	1.4	1.1	1.7	1.4	1.1	46.0
48.0	1.8	1.4	1.2	1.7	1.4	1.1	1.7	1.4	1.1	1.6	1.3	1.1	48.0
50.0	1.8	1.4	1.1	1.7	1.4	1.1	1.6	1.3	1.1	1.6	1.3	1.1	50.0
52.0	1.7	1.4	1.1	1.6	1.3	1.1	1.6	1.3	1.1	1.5	1.3	1.0	52.0
54.0	1.6	1.3	1.1	1.6	1.3	1.1	1.5	1.3	1.0	1.5	1.2	1.0	54.0
56.0	1.3	1.3	1.1	1.4	1.3	1.0	1.5	1.2	1.0	1.4	1.2	1.0	56.0
58.0	1.1	1.3	1.0	1.2	1.2	1.0	1.3	1.2	1.0	1.2	1.2	1.0	58.0
60.0	0.9	1.1	1.0	1.0	1.2	0.9	1.1	1.2	1.0	1.0	1.1	1.0	60.0
62.0	0.7	0.9	0.9	0.8	1.0	0.9	0.9	1.1	1.0	0.9	1.1	0.9	62.0
64.0	0.5	0.7	0.8	0.6	0.8	0.8	0.8	0.9	0.9	0.7	0.9	0.9	64.0
66.0		0.6	0.7	0.5	0.6	0.8	0.6	0.8	0.9	0.5	0.7	0.8	66.0
68.0			0.5		0.5	0.6		0.6	0.7		0.5	0.7	68.0
70.0								0.5	0.6			0.5	70.0
Σ_n	1												Σ_n
Σ^t	8												Σ^t