



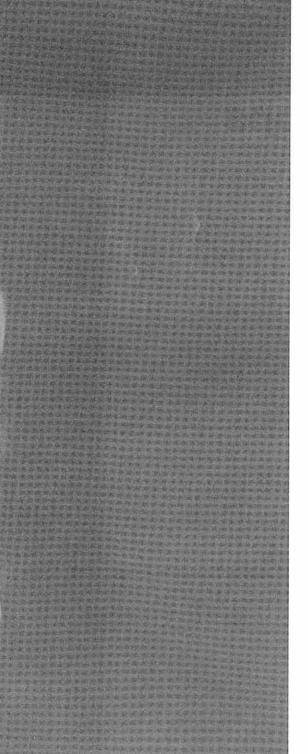
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Courtesy of Crane.Market







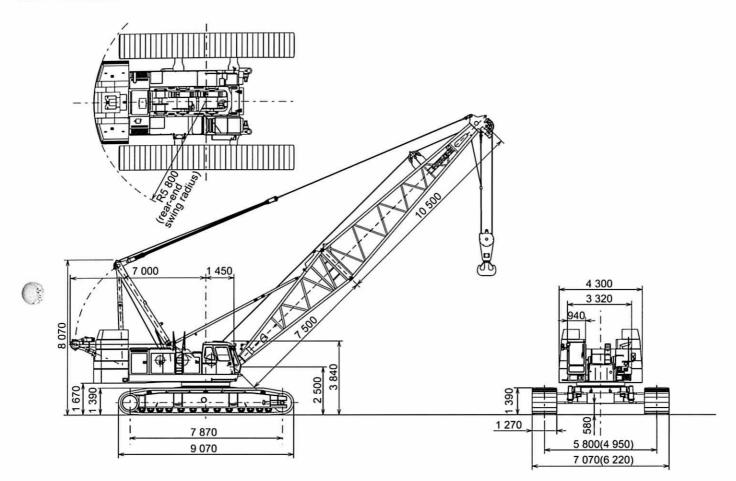
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Note: "ton" or "t" implies metric tons in this catalog.

CRAWLER CRANE

Dimensions

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Notes: 1. Dimensions shown in () are with side frames fully retracted. 2. Self-loading device is option.

ecifications

Specifications		(1 ton=1 000 kg)
Maximum rated load	ton × m	200 × 5.0
Basic boom length	m	18
ax. boom length	m	90
Sib length	m	13-37
Max. boom with jib length	m	72+37
Line speeds	化合金 化合金 化合金 化合金 化合金 化合金	
Main hoist drum*	m/min	110 / 62 / 31
Aux. hoist drum*	m/min	110 / 62 / 31
Boom hoist drum*	m/min	27×2
Swing speed	min ⁻¹ (rpm)	1.9 (1.9) / 1.1 (1.1)
Travel speed	km/h	1.1/0.7
Gradeability	%(°)	30 (16)
Engine model	化化学学会 化学学学会 化化学学会 化化学学	Isuzu A-6RB1T
Rated horsepower	kw/min ⁻¹ (PS/rpm)	221 / 2 000 (300 / 2 000)
Ground pressure	kPa (kgf/cm ²)	93.1 (0.95)
Operating weight	ton	190 (Equipped with 18 m boom and 200 ton capacity hook)

Notes : 1. Data expressed above are SI units (International System of Unit), followed by conventional units in ().

2. Line speeds marked with asterisk (*) will vary with the load.





Engine

Model	Isuzu A-6RB1T
	Water-cooled, 4-cycle, 6-cylinder, direct fuel injection type diesel engine 221 kW (300 PS) at 2 000 min ⁻¹
Rated horsepower	221 kW (300 PS) at 2 000 min ⁻¹
(DIN 6 271, net)	(2 000 rpm)
Maximum torque	1 226 N·m (125 kgf·m) at 1 400 min ⁻¹ (1 400 rpm)
Piston displacement	
Fuel tank capacity	415 L
Electric system	



Main and Auxiliary Hoist Mechanism

- The Hitachi CX2000 is equipped with dual hoist mechanisms, each consisting of independent main and auxiliary hoist drums driven by a hydraulic motor.
- · Hoisting and lowering the load is achieved by forward/reverse rotation of the hydraulic motor.
- Power lowering is carried out with a hydraulic brake.
- Hoisting and lowering can be carried out at three speeds-fast, medium and slow-to suit job requirements.
- Each drum is fitted with a friction band-type brake. This allows free fall (rapid lowering) of the hook.
- Main and auxiliary hoist drums are each fitted with a pawl-type drum lock to positively hold the load in the air.
- The drum brake is an external contracting friction band-type using durable non-asbestos lining.
- The brake is controlled by the hydraulic servo system to reduce control force. Two brake modes are available; auto brake or free fall.



Boom Hoist Mechanism

- Boom hoisting/lowering is done by forward/reverse rotation of a hydraulic motor. Boom lowering is made by power lowering through a hydraulic brake.
- Both hydraulic brake and spring-set/hydraulic-released multiplate disc type brake offer positive stopping of the boom. When the boom is hoisted or lowered, brakes are automatically released.
- Drum pawl lock is manually controlled from operator's seat.



Swing Mechanism

- Independent operation
- Driven by two hydraulic motors through reduction gear. Swing speeds are freely controllable from zero to maximum speed with a single lever. Two swing speeds are selectable.

Swing Brake

The disc-type swing brake can be hydraulically applied by the brake switch on the swing lever.

Swing Lock

Manual mechanical-lock with a rod tip engaged in the holder of the track frame during transportation.

Swing Circle

Single-row shear-type ball bearing with heat-treated internal gear.

Revolving Frame

All welded steel construction, stress-relieved, precision-machined for rigidity and strength.

Gantry

Lowerable for transportation. Speedy, easy raising/lowering are possible with optional hydraulic cylinders.

Counterweight

Total weight 81 600 kg

Upper counterweight

Consisting of 9 sections:

ns:	One	18 200 kg
	One	16 700 kg
	One	5 300 kg
	One	8 500 kg
	One	8 400 kg
	Two	5 000 kg
	One	6 100 kg
	One	6 000 kg

Lower counterweight (Track frame counterweight) 1 200 kg Two



Boom

Tubular Chord Crane Boom

2 100 mm wide by 2 100 mm deep at connection, lattice construction using high-tensile steel tubular chords

Basic boom Total length 18.0 m, 2-pi upper section 10.5 m and	
Boom pointOffset boom point, 8 she anti-friction bearings on I	
Boom inserts	12.0 m long available
Connection type Pin-connected	
Boom backstop Dual-rail, telescopic tubu spring damper	lar construction with
Boo hoist bridle Serves as connection be boom hoist wire rope ree sheaves for 18-part boor reeving	ving, equipped with 9

Crane Jib

1 150 mm wide by 900 mm deep at connection, lattice construction using high-tensile steel tubular chords

Jib length	Total length 13.0 m, 3-piece construction; upper section 5.0 m, lower section 5.0 m and
	3.0 m jib insert
Jib point	1 sheave (560 mm PCD) mounted on anti-
	friction bearings on jib top
Jib insert	6.0 m long available
Connection type	Pin-connected
	Optional. Attachable to the main boom top to hoist the light load quickly with a single rope

Note : Boom insert, crane jib, or auxiliary jib can be attached to the basic boom when needed. However, both crane jib and auxiliary jib cannot be attached simultaneously to the boom.

Tubular Chord Tower Crane Boom

2 100 mm wide by 2 100 mm deep at connection, lattice construction using high-tensile steel tubular chords

Tower boom length	36.0 m, minimum
	60.0 m, maximum
Tower inserts	3.0 m, 6.0 m and 9.0 m tower inserts are in common with crane boom inserts
Connection type	Pin-connected
	Dual-rail, telescopic tubular construction with spring damper
Tower hoist bridle	Serves as connection between pendants and boom hoist wire rope reeving, equipped with 9 sheaves for 18-part boom hoist wire rope reeving

Tower Jib

	1 400 mm wide by 1 400 mm deep at connection, lattice construction using high-tensile steel
	tubular chords
Jib length	28.0 m to 52.0 m
Jib inserts	3.0 m, 6.0 m and 9.0 m long available
Connection type	Pin-connected
	Serves as connection between tower jib boom pendants and tower jib boom hoist wire rope reeving, equipped with 4 sheaves (504 mm PCD) for 8-part tower jib hoist wire rope reeving

Coperator's Cab

All-weather, well-ventilated, roomy operator's cab with good visibility. The independent cab is insulated against noise and vibration. Sliding, fold-in windshield swings up and stores in roof. Adjustable reclining seat

- 4 variable displacement piston pumps allow both independent and combined operations of all functions.
- Variable displacement piston pumps control working speeds, and make effective use of engine horsepower.

	Pump-1	Pump-2
Type of pump	Variable displa	acement pump
Pressure setting	30.4 MPa (310 kgf/cm ²)	30.4 MPa (310 kgf/cm ²)
Oil flow	274 L/min	274 L/min

and the second second second	Pump-3	Pump-4	Pump-5
Type of pump	Variable displa	acement pump	Gear pump
Pressure setting	30.4 MPa (310 kgf/cm ²)	23.0 MPa (235 kgf/cm ²)	4.9 MPa (50 kgf/cm ²)
Max. Oil flow*	274 L/min	220 L/min	49.3 L/min

*with non-loaded condition

Main and Auxiliary Hoist Motors

Swashplate-type axial piston motors with counterbalance valves

Boom Hoist Motor

Bent axis motor with counterbalance valve

Swing Motor

Two Swashplate-type axial piston motor

Travel Motors

Swashplate-type axial piston motors with brake valve and springset/hydraulic-released multiplate disc brake

Relief and Brake Valves

- Each hydraulic circuit incorporates large-capacity relief valves to protect circuit from overload and shock load.
- Counterbalance valves, provided for hoist motor, compensate load lowering and prevent accidental load drop if hydraulic power is suddenly reduced.
- Brake valves (consisting of relief valve and counterbalance valve) are provided for travel circuit.

Pressure Settings

Main Circuit

Main relief valves

- Main relief valve......4.9 MPa (50 kgf/cm²)

Line Filters

High-filtration 10 μ m full-flow filter element is incorporated in the return line. Pilot filter and suction filter are provided in each circuit.

Traction mechanism

- Each track is driven by a swashplate-type axial piston motor through reduction gear. This mechanism allows counter-rotation of tracks for maneuverability in close quarters.
- When the lever is in neutral position, both hydraulic brake and spring-set/hydraulic-released multiplate disc brake are automatically applied for stopping.

Track Frame

All-welded, stress-relieved, box-section construction

Side Frames

All-welded, stress-relieved, box-section construction

Self-Loading Device / Side Frame Removal Device (Optional) With the self-loading device / side frame removal device, the basic machine can be jacked up and loaded on to a trailer, and both frames can be removed. Travel motor piping is connected view self-seal couplings for quick disconnection.

Track Shoes

Heat-treated alloy steel castings with induction-hardened roller path and driving lugs. Shoes are connected by induction-hardened steel pins.

No. of upper rollers (each side)	3
No. of lower rollers (each side)	13
No. of track shoes (each side)	68
Shoe width	1 270 mm



Boom, Main and Auxiliary Hoist, Swing and Travel

Remote controlled hydraulic servo. Working speed can be precisely controlled according to lever stroke.

• Electric Accelerator Grip

Engine horsepower can be controlled according to job needs by electric finger-touch grip atop the swing lever, accelerator lever and accelerator pedal.

Monitor Telling Machine Conditions

With the monitor, the operator can check, at a glance, engine oil pressure, water temperature and fuel level, as well as levels of hydraulic oil, engine oil and coolant. The red light turns on and the buzzer sounds in the event of an abnormality.



Boom Angle Indicator

Mechanical-type boom angle indicator is provided at boom foot.

Counterbalance Valves (Brake Valves)

Counterbalance valves are each incorporated in travel motors, boom hoist motor, and main and auxiliary hoist motors. If the hydraulic line is broken, this valve is automatically actuated to prevent motor rotation.

Spring-Set/Hydraulic-Released Multiplate Disc Type Travel Brakes

Swing Lock and Swing Parking Brake

Drum Locks (Electric Type)

A pawl-type drum locks, provided at main drum, auxiliary drum and be drum.

Lever Locks

Main and auxiliary hoist levers, boom hoist lever, and travel levers are each fitted with lock mechanisms to prevent mishandling.

Devices for Crane Operation

Moment Limiter

On the moment limiter, analog displays and pictorial load indications are functionally arranged for easy reading.

Hook Overhoist Prevention Device

When the hook reaches its hoist limit, the bell sounds and the auto-stop automatically actuates at the same time.

Boom Overhoist Prevention Device

When the boom reaches its angle limit, the buzzer alarm sounds and boom hoisting automatically stops at the same time. The telescopic-type boom backstop is also provided.

Secondary Boom Overhoist Prevention Device

addition to the hook overhoist prevention device and boom verhoist prevention device, the secondary boom overhoist prevention device is provided. It actuates at a boom angle of 82° to avoid overhoisting of the boom and / or hook.

Pilot Control Shut-off Lever

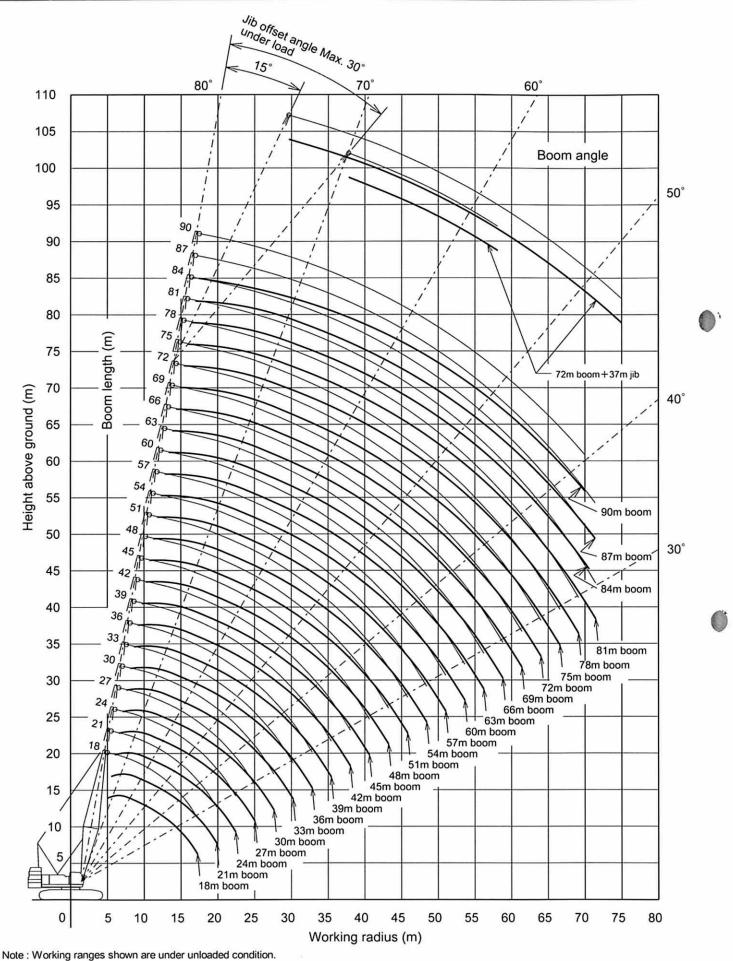
The pilot control shut-off lever shuts out the hydraulic pilot pressure to pilot control valves. With the pilot control shut-off lever in the LOCK position, the machine will not operate even if the lever is accidentally shifted.

Fail-safe machanism

The related movements stop automatically if an electric wire is broken or an electric device fails.



·····································	Liters
Fuel tank	
Engine coolant	
Engine oil	
Pump transmission	
Boom hoist reduction device	15
Winch hoist reduction device	15×2
Swing reduction device	9.2×2
Travel final device	41×2
Hydraulic system, including tank capacity	
Hydraulic tank	



Courtesy of Crane.Market

75% Tipping Load Crane Ratings (Main Boom in 360° Working Area): Without Mast

Working Radius	and the second second	at and	10000	1.1.2.4.4	State of the second	1 2 7 M P	40-074	Boom le	ength (m)		· · · · · · · · · · · · · · · · · · ·	法外生的法	医白发病的	10.00		Contraction of the local division of the loc
(m)	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
5.0	200.0															
5.5	183.0	5.6×175.0				<i>1</i> ,										
6.0	168.0	167.3	6.1×162.5													
6.5	156.0	155.3	154.9	6.6×145.6	5			_								
7.0	145.0	144.3	143.9	142.8	7.1×125.0	7.6×112.5										
8.0	127.0	126.3	125.9	125.3	125.0	112.5	8.2×100.0	8.7×97.1								
9.0	109.9	109.6	109.3	109.2	109.1	109.0	100.0	96.1	9.2×87.5	9.7×81.1						
10.0	94.2	93.9	93.6	93.5	93.3	93.2	93.1	92.9	85.2	80.3	10.2×73.8	10.8×67.7	11.3×61.9	11.8×56.7	22222	A GE CHAR
12.0	73.1	72.7	72.4	72.3	72.1	72.0	71.7	71.6	71.5	71.3	69.3	64.5	60.8	56.4	12.3×52.2	12.9×47.
14.0	59.2	59.0	58.7	58.6	58.4	58.3	58.0	57.9	57.8	57.6	57.4	57.2	56.9	52.8	50.1	46.1
16.0	48.3	49.6	49.2	49.1	48.9	48.7	48.5	48.3	48.2	48.0	47.8	47.6	47.6	47.3	46.6	42.9
18.0	17.2×42.7	42.4	42.3	42.1	41.9	41.7	41.5	41.3	41.2	41.0	40.8	40.6	40.5	40.2	40.0	39.9
20.0	10000	19.8×36.1	36.9	36.8	36.5	36.3	36.1	35.9	35.8	35.6	35.4	35.2	35.1	34.8	34.6	34.4
22.0			32.1	32.5	32.3	32.1	31.8	31.6	31.5	31.3	31.1	30.9	30.8	30.5	30.3	30.1
24.0			22.4×31.0	29.2	28.8	28.7	28.4	28.2	28.0	27.8	27.6	27.4	27.3	27.0	26.8	26.7
26.0				25.0×27.2	26.0	25.8	25.5	25.3	25.2	25.0	24.8	24.5	24.4	24.1	23.9	23.8
28.0					27.6×23.9	23.5	23.1	22.9	22.8	22.6	22.4	22.1	22.0	21.7	21.5	21.3
30.0	A REAL PROPERTY.	1 7 7 9 9	10000	N 7 19 19 19 19 19	R. Children and	21.5	21.1	20.9	20.8	20.5	20.3	20.1	20.0	19.7	19.4	19.3
32.0						30.2×21.2	19.4	19.2	19.0	18.8	18.5	18.3	18.2	17.9	17.7	17.5
34.0							32.8×18.8	100000	17.5	17.3	17.0	16.8	16.7	16.3	16.1	15.9
36.0								35.4×16.8	16.2	15.9	15.7	15.4	15.3	15.0	14.8	14.6
38.0									15.0	14.8	14.5	14.2	14.1	13.8	13.6	13.4
40.0	2000	- per carrier and the second	(All and the second	12255	10100	1 2 1 2 3		and the second second		13.7	13.4	13.2	13.0	12.7	12.5	12.3
42.0										40.6×13.4	12.5	12.3	12.1	11.8	11.5	11.3
44.0											43.2×11.9		11.3	10.9	10.7	10.5
46.0												45.8×10.6		10.2	9.9	9.7
48.0													9.7	9.5	9.2	9.0
50.0	199.50			1222	in the second	in the second second	Section and	THE REPORT OF	1000		e. 4		48.4×9.5	8.8	8.6	8.3
52.0														51.0×8.3	7.9	7.8
54.0														01.00.0	53.6×7.3	7.2
56.0															00.01.0	6.4
56.2																6.3
																0.5

Crane Ratings (Main Boom in 360° Working Area): With Mast

Working Radius	4-8-80			*****	******	00021	10.00	Boom le	ength (m)	*****	100000		5.5.5	A State of the local diversion of the	A REAL PROPERTY.	19-10-10-10-10-10-10-10-10-10-10-10-10-10-
(m)	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90
9.7	87.5		· · · · · · · · · · · · · · · · · · ·											1		
10.0	87.0	10.2×75.0	10.8×74.1	11.3×62.5	11.8×62.1	1.5.0.000	122-2240	Scale and	1.00.00.00.00	1.00	10次回方日	4-0-5-0-5	0.0.0.0	10000	2255	Contraction in the
12.0	72.9	72.8	71.3	62.5	61.9	12.3×57.1	12.9×50.0	13.4×47.8	13.9×44.0							
14.0	58.8	58.7	58.6	58.5	58.3	54.5	50.0	47.4	43.9		6 14.9×35.3	15.5×31.9				
16.0	49.0	48.9	48.7	48.7	48.5	48.3	48.2	44.9	42.6	38.7	34.8	31.6	28.9	16.5×26.2	17.0×23.2	17.5-20
18.0	41.8	41.7	41.5	41.5	41.2	41.0	40.9	40.8	40.1	36.7	33.8	30.7	28.0	25.6	22.7	20.3
20.0	36.3	36.1	35.9	35.9	35.6	35.4	35.4	35.2	35.1	34.9	32.1	29.7	27.1	24.7	21.9	19.5
22.0	31.9	31.7	31.5	31.5	31.2	31.0	30.9	30.7	30.7	30.5	30.5	28.1	26.2	23.8	21.1	18.7
24.0	28.4	28.2	28.0	27.9	27.7	27.5	27.3	27.2	27.1	26.9	26.9	26.3	24.0	22.8	20.4	17.4
26.0	25.4	25.2	25.0	25.0	24.7	24.5	24.4	24.2	24.1	23.9	23.9	23.6	22.2	20.4	19.5	16.0
28.0	23.0	22.8	22.6	22.5	22.2	22.0	21.9	21.7	21.6	21.4	21.4	21.1	20.6	18.7	17.8	14.7
30.0	20.9	20.7	20.5	20.4	20.1	19.9	19.8	19.6	19.5	19.3	19.2	19.0	18.9	17.4	16.0	13.6
32.0	19,1	18.8	18.6	18.6	18.3	18.1	17.9	17.7	17.7	17.4	17.4	17.1	17.1	16.2	14.2	12.5
34.0	17.5	17.3	17.1	17.0	16.7	16.5	16.3	16.1	16.1	15.8	15.8	15.5	15.4	15.1	13.1	11.6
36.0	16.1	15.9	15.7	15.6	15.3	15.1	14.9	14.7	14.6	14.4	14.4	14.1	14.0	13.8	12.2	10.7
38.0	14.9	14.7	14.5	14.3	14.1	13.8	13.7	13.5	13.4	13.2	13.1	12.9	12.8	12.6	11.4	9.9
40.0	13.8	13.6	13.4	13.3	13.0	12.7	12.6	12.4	12.3	12.1	12.0	11.8	11.7	11.4	10.6	9.2
42.0	40.6×13.5	12.6	12.4	12.3	12.0	11.8	11.6	11.4	11.3	11.1	11.0	10.8	10.7	10.4	9.9	8.5
44.0		43.2×12.1	11.5	11.4	11.1	10.9	10.7	10.5	10.4	10.2	10.1	9.9	9.8	9.5	9.2	7.9
46.0			45.8×10.8	10.6	10.3	10.1	9.9	9.7	9.6	9.4	9.3	9.0	8.9	8.7	8.6	7.3
48.0				9.9	9.6	9.3	9.2	8.9	8.9	8.6	8.6	8.3	8.2	7.9	7.8	6.8
50.0	e la marte		A 100 10	48.4×9.7	8.9	8.7	8.5	8.3	8.2	8.0	7.9	7.5	7.4	7.1	7.0	6.2
52.0					51.0×8.6	8.1	7.9	7.7	7.6	7.3	7.2	6.8	6.7	6.4	6.2	5.7
54.0						53.6×7.6	7.3	7.1	7.0	6.7	6.5	6.2	6.0	5.7	5.6	5.3
56.0							6.8	6.5	6.4	6.1	5.9	5.5	5.4	5.1	5.0	4.7
58.0							56.2×6.7	5.9	5.8	5.5	5.3	5.0	4.8	4.5	4.4	4.1
60.0		*****			15063	1.000	10.00	58.8×5.7	5.3	5.0	4.8	4.4	4.3	4.0	3.8	3.6
62.0									61.4×5.0	4.5	4.3	4.0	3.8	3.5	3.3	3.1
64.0										4.1	3.9	3.5	3.4	3.1	2.9	2.6
66.0				_							3.5	3.1	2.9	2.6	2.5	2.2
68.0											66.6×3.3	2.7	2.6	2.2	2.0	1.8
70.0	日本大学	电影演 第7	1.1	12.00.0				10.000	医溃疡的	建生产 医子	16.8-8-91	69.2×2.5	2.2	1.9	1.7	1.4
71.8													1.9	70.5×1.8	71.7×1.4	

 71.8
 1.9
 70.5×1.8
 71.7×1.

 Notes: 1. The rated loads shown do not exceed 75% of tipping load with the machine on firm level ground, and are not less than 1.15 times over-front stability stipulated by the mobile crane construction standards.
 2. The load to be actually lifted will be the rated load shown minus the weight of all lifting attachments such as a hook.

 3. Working radius is the horizontal distance from the swing center to the center of gravity of a lifted load.
 4. Figures described as OO×OO in the tables indicate working radius (m) × rated load (ton).

 5. The counterweight is 81.6 ton (Upper: 79.2 ton/ Lower: 2.4 ton).
 6. Be sure to fully extend the side frames before operating the machine.

 7. Correlation among the number of rope reevings, maximum rated loads and hook weights are shown in the table below.
 Maximum Rated Load (ton)

Hook Weight	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				N 8 11 11 11	and the second	Maximu	m Rated Lo	oad (ton)	2154.	Same and	10-1-1-1	1000	****	2. 1. 1. 2. 1
(ton)	16 Rope reevings	14 Rope reevings	13 Rope reevings	12 Rope reevings	11 Rope reevings	10 Rope reevings	9 Rope reevings	8 Rope reevings	7 Rope reevings	6 Rope	5 Rope reevings	4 Rope	3 Rope	2 Rope	1 Rope reeving
2.60	200.0	175.0	162.5	150.0						_					
1.40		_		_						75.0	62.5	50.0	_		
1.20						_							37.5		
0.85	-					_						50.0	57.5		_
	(ton) 2.60 1.40 1.20	2.60 200.0 1.40 1.20	(ton) 16 Rope reevings 14 Rope reevings 2.60 200.0 175.0 1.40 — — 1.20 — —	(ton) 16 Rope reevings 14 Rope reevings 13 Rope reevings 2.60 200.0 175.0 162.5 1.40 — — — 1.20 — — —	(ton) 16 Rope reevings 14 Rope reevings 13 Rope reevings 12 Rope reevings 2.60 200.0 175.0 162.5 150.0 1.40 — — — — 1.20 — — — —	(ton) 16 Rope reevings 14 Rope reevings 13 Rope reevings 12 Rope reevings 11 Rope reevings 2.60 200.0 175.0 162.5 150.0 137.5 1.40 — — — — — 1.20 — — — — —	(ton) 16 Rope reevings 14 Rope reevings 13 Rope reevings 12 Rope reevings 11 Rope reevings 10 Rope reevings 2.60 200.0 175.0 162.5 150.0 137.5 125.0 1.40 — — — — — — — 1.20 — — — — — — —	Ite Rope recevings 14 Rope recevings 13 Rope recevings 12 Rope recevings 11 Rope recevings 10 Rope recevings 9 Rope recevings 2.60 200.0 175.0 162.5 150.0 137.5 125.0 112.5 1.40 — — — — — — — 1.20 — — — — — — —	Icon Icon <th< td=""><td>(ton) 16 Rope reevings 14 Rope reevings 13 Rope reevings 12 Rope reevings 11 Rope reevings 10 Rope reevings 9 Rope reevings 8 Rope reevings 7 Rope reevings 2.60 200.0 175.0 162.5 150.0 137.5 125.0 112.5 100.0 87.5 1.40 — — — — — 100.0 87.5 1.20 — — — — — — 100.0 87.5</td><td>Icon Icon <th< td=""><td>Icon Icon <th< td=""><td>Icon Icon <th< td=""><td>Icon Icon <th< td=""><td>Icon Icon <th< td=""></th<></td></th<></td></th<></td></th<></td></th<></td></th<>	(ton) 16 Rope reevings 14 Rope reevings 13 Rope reevings 12 Rope reevings 11 Rope reevings 10 Rope reevings 9 Rope reevings 8 Rope reevings 7 Rope reevings 2.60 200.0 175.0 162.5 150.0 137.5 125.0 112.5 100.0 87.5 1.40 — — — — — 100.0 87.5 1.20 — — — — — — 100.0 87.5	Icon Icon <th< td=""><td>Icon Icon <th< td=""><td>Icon Icon <th< td=""><td>Icon Icon <th< td=""><td>Icon Icon <th< td=""></th<></td></th<></td></th<></td></th<></td></th<>	Icon Icon <th< td=""><td>Icon Icon <th< td=""><td>Icon Icon <th< td=""><td>Icon Icon <th< td=""></th<></td></th<></td></th<></td></th<>	Icon Icon <th< td=""><td>Icon Icon <th< td=""><td>Icon Icon <th< td=""></th<></td></th<></td></th<>	Icon Icon <th< td=""><td>Icon Icon <th< td=""></th<></td></th<>	Icon Icon <th< td=""></th<>

Unit: ton

75% Tipping Load Crane Ratings (Auxiliary Jib in 360° Working Area): Without Mast

Working Radius	12520	Barborn M.	1000				ALCONTRACTOR	Boom le	ength (m)	Colorest and in the	百万与新奏	a grant and	Contractory of	and the second	****	A. A. S. T.
(m)	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
5.9	13.00															
6.0	13.00	6.4×13.00								[]						
6.5	13.00	13.00														
7.0	13.00	13.00	13.00	7.5×13.00												
8.0	13.00	13.00	13.00	13.00	13.00	8.5×13.00										
9.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	9.6×13.00								-
10.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	10.1×13.00	10.6×13.00	11.1×13.00	11.6×13.00	Contraction of the	100 Call	19.19.2.1	Ser and
12.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	12.2×13.00	12.7×13.00	13.2×13.00	13.7×13.
14.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
16.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
18.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
20.0	18.8×13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
22.0		21.4×13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
24.0			13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
26.0				13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
28.0				26.6×13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
30.0	200 20		12.2.2.1	10 p. 2000.00	29.2×13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
32.0						31.8×13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
34.0							13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
36.0					· · · · · · · · · · · · · · · · · · ·		34.4×13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
38.0								37.0×13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	12.95
40.0	前面:布陵外	德非常男子	法正法法	李伟 化 化 出		Section in the	(新学生年代)	(唐) (11) (11)	39.6×13.00	13.00	13.00	12.80	12.65	12.30	12.05	11.85
42.0										12.40	12.10	11.85	11.70	11.35	11.10	10.90
44.0										42.2×12.35	11.30	11.00	10.85	10.50	10.25	10.05
46.0				· · · · · · · · · · · · · · · · · · ·							44.8×11.00	10.25	10.10	9.75	9.50	9.25
48.0					í							47.4×9.80	9.40	9.05	8.80	8.55
50.0	242544	424 21	4440	本新办理学	であるかの		3226	2123	1000	10.6-6-6	1.16-16-18-16-16	10 10 10 10 10 10 10 10 10 10 10 10 10 1	8.75	8.45	8.15	7
52.0														7.80	7.60	7.5
54.0														52.6×7.55	7.00	6.75
56.0															55.2×6.55	6.20
57.8																5.60

Crane Ratings (Auxiliary Jib in 360° Working Area): With Mast

Working Radius	中的 是 谷 年 年	() 年度, 使, 使, 使,	「市市ホズ」	G.4 2 1 1	and the second		Boom le	ngth (m)	朝末期赤末并	思水无法,得清	不安存在海上		法法法法 化化	CHARLES TO THE
(m)	45	48	51	54	57	60	63	66	69	72	75	78	81	84
10.6	13.00	11.1×13.00	11.6×13.00											
12.0	13.00	13.00	13.00	12.2×13.00	12.7×13.00	13.2×13.00	13.7×13.00							
14.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	14.3×13.00	14.8×13.00	15.3×13.00	15.8×13.00			
16.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	16.3×13.00	16.9×13.00	17.4×13.00
18.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
20.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
22.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
24.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
26.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00
28.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	12.35
30.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	11.40
32.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	12.15	10.50
34.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	11.30	9.70
36.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	12.20	10.50	8.95
38.0	13.00	13.00	13.00	13.00	13.00	13.00	13.00	13.00	12.95	12.70	12.65	11.40	9.75	8.25
40.0	13.00	13.00	12.95	12.85	12.55	12.30	12.15	11.95	11.85	11.60	11.55	10.65	9.05	7.65
42.0	12.50	12.25	12.00	11.90	11.60	11.35	11.15	10.95	10.85	10.60	10.55	9.95	8.40	7.00
44.0	42.2×12.45	11.40	11.15	11.00	10.70	10.45	10.30	10.05	9.95	9.75	9.65	9.30	7.80	6.45
46.0		44.8×11.05	10.35	10.20	9.90	9.65	9.50	9.25	9.15	8.90	8.85	8.55	7.25	5.95
48.0			47.4×9.85	9.50	9.20	8.95	8.75	8.50	8.40	8.20	8.10	7.75	6.70	5.45
50.0	122 123	1000	in the second	8.85	8.55	8.30	8.10	7.85	7.75	7.50	7.35	7.00	6.20	4.95
52.0					7.95	7.70	7.50	7.20	7.10	6.80	6.65	6.25	5.70	4.50
54.0					52.6×7.80	7.15	6.85	6.55	6.45	6.15	6.00	5.60	5.25	4.10
56.0		· · · · · · · · · · · · · · · · · · ·				55.2×6.85	6.30	5.95	5.85	5.50	5.35	5.00	4.85	3.70
58.0		· · · · · · · · · · · · · · · · · · ·					57.8×5.80	5.40	5.30	4.95	4.80	4.40	4.30	3.30
60.0	Toto The State	The work	2. 新学校	(1) を (1) の (1)	三方南京 南	國家委員會	日本 中 田 石 オ	4.90	4.80	4.45	4.30	3.90	3.75	2.95
62.0								60.4×4.85	4.30	4.00	3.80	3.40	3.25	2.60
64.0									63.0×4.10	3.55	3.35	2.95	2.80	2.25
66.0				1						65.6×3.25	2.95	2.55	2.40	64.3×2.20
68.0								+		1	2.55	67.7×2.20	67.0×2.20	
68.2			3								2.50			

68.2
Notes: 1. The rated loads shown do not exceed 75% of tipping load with the machine on firm level ground, and are not less than 1.15 times over-front stability stipulated by the mobile crane construction standards.
2. The load to be actually lifted will be the rated load shown minus the weight of all lifting attachments such as a hook.
3. Working radius is the horizontal distance from the swing center to the center of gravity of a lifted load.
4. Figures described as OO×OO in the tables indicate working radius (m) × rated load (ton).
5. The counterweight is 81.6 ton (Upper: 79.2 ton/ Lower: 2.4 ton).
6. Be sure to fully extend the side frames before operating the machine.
7. Correlation among the number of rope reevings, maximum rated loads and hook weights are shown in the table below.

Hook Capacity Hook Weight (ton) (ton) 200 2.60 100 1.40 Main Hook 60 1.20 25 0.85 Aux. Hook 13 0.50

Unit: ton



75% Tipping Load Crane Ratings (Main Boom with Auxiliary Jib in 360° Working Area): Without Mast

Working Radius	A STREET	1.000	A Class	1. A. M. M. M. M.	and the state of the		1000			4444					the second second	1.00 K las.
(m)	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63
5.0	199.5															
5.5	182.5	5.6×174.5	-													
6.0	167.5	166.8	6.1×162.0													
6.5	155.5	154.8	154.4	6.6×145.1												
7.0	144.5	143.8	143.4	0.000 million	1012 A CO. 1 TOUR	7.6×112.0										
8.0	126.5	125.8	125.4	124.8	124.5	112.0		8.7×96.6								
9.0	109.5	109.1	108.9	108.8	108.6	108.5	99.5	95.6		9.7×80.6						
10.0	93.8	93.4	93.1	93.0	92.9	92.8	92.6	92.4	84.7	79.8			11.3×61.4		Sec.	-
12.0	72.7	72.2	71.9	71.8	71.6	71.5	71.3	71.1	71.0	70.8	68.8	64.0	60.3		12.3×51.7	
14.0	58.7	58.6	58.3	58.2	57.9	57.8	57.6	57.4	57.3	57.1	56.9	56.7	56.4	52.3	49.6	45.6
16.0	47.8	49.2	48.8	48.7	48.4	48.3	48.0	47.9	47.7	47.5	47.3	47.1	47.0	46.8	46.1	42.4
18.0	17.2×42.2	41.9	41.8	41.7	41.4	41.3	41.0	40.8	40.7	40.5	40.3	40.1	40.0	39.7	39.4	39.3
20.0	2018	19.8×35.6	36.5	36.3	36.1	35.9	35.6	35.4	35.3	35.1	34.9	34.6	34.6	34.3	34.0	33.9
22.0			31.6	32.1	31.8	31.7	31.4	31.2	31.0	30.8	30.6	30.4	30.3	30.0	29.7	29.6
24.0			22.4×30.5	28.8	28.4	28.2	27.9	27.7	27.6	27.3	27.1	26.9	26.8	26.5	26.2	26.1
26.0				25.0×26.7	25.6	25.4	25.1	24.9	24.7	24.5	24.3	24.0	23.9	23.6	23.4	23.2
28.0					27.6×23.4	23.0	22.7	22.5	22.3	22.1	21.9	21.6	21.5	21.2	21.0	20.8
30.0	20.00	a la serie de	Acres March -	A 10 10 10	the second second	21.0	20.7	20.5	20.3	20.1	19.8	19.6	19.5	19.1	18.9	18.7
32.0		í				30.2×20.7	19.0	18.7	18.6	18.3	18.1	17.8	17.7	17.4	17.1	16.9
34.0							32.8×18.3	17.3	17.0	16.8	16.5	16.3	16.1	15.8	15.6	15.4
36.0								35.4×16.3	15.7	15.5	15.2	14.9	14.8	14.5	14.2	14.0
38.0									14.5	14.3	14.0	13.8	13.6	13.3	13.0	12.8
40.0	A 10 10 10	No. 25 YO M R.	お の 別 合う	化学 医子宫的	100.00	-10.00	and the second s	I Louis	14.00 40.00	13.3	13.0	12.7	12.6	12.2	12.0	11.8
42.0										40.6×12.9	12.1	11.8	11.6	11.3	11.0	10.8
44.0											43.2×11.4	11.0	10.8	10.4	10.2	10.0
46.0		1 — — — I										45.8×10.1	10.0	9.7	9.4	9.2
48.0													9.2	9.0	8.7	8.5
50.0	10.00	and shares	Acres 10, 101	1.0.0	1.45	100005	22000	10.00	12000	11224	6. 10. 10. 10. 10	10.00	48.4×9.0	8.3	8.1	7.8
52.0														51.0×7.8	7.4	7.2
54.0									C						53.6×6.8	6.6
56.0																5.9
56.2								-								56.2×5.

■ Crane Ratings (Main Boom with Auxiliary Jib in 360° Working Area): With Mast

Working Radius	10.00	****	11011		10 A 16 A 10	*****	Boom le	ngth (m)	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	***	Distances in	化合金 化合金	新,带开水水水;	24025
(m)	45	48	51	54	57	60	63	66	69	72	75	78	81	84
9.7	87.0													
10.0	86.5	10.2×74.5	10.8×73.6	11.3×62.0	11.8×61.6	F.K. S. M. C.	A MARKED	新市市市	62933	B-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		1.40 (0.47.00.00	· · · · · · · ·	10000
12.0	72.4	72.3	70.8	62.0	61.4	12.3×56.6	12.9×49.5	13.4×47.3	13.9×43.5					
14.0	58.3	58.2	58.0	58.0	57.8	54.0	49.5	46.9	43.4	14.4×39.1	14.9×34.8	15.5×31.4		
16.0	48.5	48.4	48.2	48.2	47.9	47.7	47.6	44.4	42.1	38.2	34.3	31.1	28.4	16.5×25.7
18.0	41.3	41.2	41.0	40.9	40.7	40.5	40.4	40.2	39.6	36.2	33.3	30.2	27.5	25.1
20.0	35.8	35.6	35.4	35.4	35.1	34.9	34.8	34.6	34.5	34.3	31.6	29.2	26.6	24.2
22.0	31.4	31.2	31.0	31.0	30.7	30.5	30.4	30.2	30.1	29.9	29.9	27.6	25.7	23.3
24.0	27.9	27.7	27.5	27.4	27.1	26.9	26.8	26.6	26.5	26.3	26.3	25.8	23.5	22.3
26.0	24.9	24.7	24.5	24.5	24.2	24.0	23.8	23.6	23.5	23.3	23.3	23.0	21.7	19.9
28.0	22.5	22.3	22.1	22.0	21.7	21.5	21.3	21.1	21.0	20.8	20.8	20.5	20.1	18.2
30.0	20.4	20.2	20.0	19.9	19.6	19.4	19.2	19.0	18.9	18.7	18.6	18.4	18.3	16.9
32.0	18.6	18.4	18.1	18.0	17.8	17.5	17.4	17.2	17.1	16.9	16.8	16.5	16.4	15.7
34.0	17.0	16.8	16.6	16.5	16.2	15.9	15.8	15.6	15.5	15.3	15.2	14.9	14.8	14.6
36.0	15.7	15.4	15.2	15.1	14.8	14.5	14.4	14.2	14.1	13.9	13.8	13.5	13.4	13.2
38.0	14.5	14.2	14.0	13.9	13.6	13.3	13.2	12.9	12.8	12.6	12.5	12.3	12.2	11.9
40.0	13.4	13.1	12.9	12.8	12.5	12.2	12.0	11.8	11.7	11.5	11.4	11.2	11.1	10.8
42.0	40.6×13.1	12.2	11.9	11.8	11.5	11.2	11.1	10.8	10.7	10.5	10.4	10.2	10.1	9.8
44.0		43.2×11.7	11.1	10.9	10.6	10.4	10.2	9.9	9.9	9.6	9.5	9.3	9.2	8.9
46.0			45.8×10.4	10.1	9.8	9.6	9.4	9.1	9.0	8.8	8.7	8.5	8.3	8.0
48.0				9.4	9.1	8.9	8.6	8.4	8.3	8.1	8.0	7.6	7.5	7.2
50.0	A 10-12 10-12	122244	in the second second	48.4×9.3	8.5	8.2	8.0	7.7	7.6	7.3	7.2	6.8	6.7	6.4
52.0					51.0×8.2	7.6	7.4	7.1	6.9	6.6	6.5	6.1	6.0	5.6
54.0						53.6×7.2	6.7	6.4	6.3	6.0	5.8	5.4	5.3	5.0
56.0							6.1	5.8	5.7	5.4	5.2	4.8	4.7	4.4
58.0							56.2×6.1	5.3	5.1	4.8	4.6	4.3	4.1	3.8
60.0	- AL - 20 - 20 - 10 - 10 - 10	124200	10111	22262	10-10-10-10-10		1. 1. 1. 1. 1. 1.	58.8×5.1	4.6	4.3	4.1	3.7	3.6	3.3
62.0									61.4×4.3	3.8	3.7	3.3	3.1	2.8
64.0					1					3.4	3.2	2.8	2.7	2.3
66.0					·						2.8	2.4	65.7×2.3	
66.6											2.7	66.5×2.3		

Notes: 1. The rated loads shown do not exceed 75% of tipping load with the machine on firm level ground, and are not less than 1.15 times over-front stability stipulated The fact robust shown to not robust and ards.
The load to be actually lifted will be the rated load shown minus the weight of all lifting attachments such as a hook.
Working radius is the horizontal distance from the swing center to the center of gravity of a lifted load.
Figures described as OO×OO in the tables indicate working radius (m) × rated load (ton).
The counterweight is 81.6 ton (Upper: 79.2 ton/Lower: 2.4 ton).

Be sure to fully extend the side frames before operating the machine.
 Correlation among the number of rope reevings, maximum rated loads and hook weights are shown in the table below.

Hook Capacity	Hook Weight	1.16.16.10.10	1		e de la constante	10 B 10 B 10	and the second second	Maximu	m Rated Lo	bad (ton)	A & A A A		10 0 0 0 V	1.0	1 20 10 10 10 10 1	1.
(ton)	(ton)	16 Rope	14 Rope reovings	13 Rope reevings	12 Rope reevings	11 Rope reevings	10 Rope reevings	9 Rope reevings	8 Rope reevings	7 Rope reevings	6 Rope reevings	5 Rope reevings	4 Rope reevings	3 Rope reevings	2 Rope reevings	1 Rope recving
200	2.60	199.5	175.0	162.5	150.0	137.5	125.0	112.5	100.0	87.5	I	-				
100	1.40	—		—	-	-	-	-	100.0	87.5	75.0	62.5	50.0	-	1	—
60	1.20	_	-	_		_	-	-	-	-	I	60.0	50.0	37.5	25.0	
25	0.85	-	I	_	ļ	-	-	<u> </u>	-	l	ľ	I	Ţ.	ļ	25.0	_

Unit: ton

75% Tipping Load Crane Ratings (Jib in 360° Working Area): Without Mast (1)

Main Boom Length (m)	All of the second of the		11 A A A A A A A A A A A A A A A A A A	and the second	二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十		15	and the same party of the same	「「「」」 「「」」 「」」 「」」 「」」 「」」	and the second		and the state of the
Jib Boom Length (m)		13	於法寺 如田史	to an all the second	19	12 李子子子子	2	25		81	AND A REAL OF	7
Offset Angle (°)		5	30	11月天年月月1	5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving
14.9	25.00	15.1×13.00									1	
16.0	25.00	13.00		17.4×18.00	17.7×13.00							
18.0	25.00	13.00	13.00	18.00	13.00							
20.0	24.45	13.00	13.00	17.95	13.00	21.9×10.60	20.2×12.00	A DECEMBER OF	1	大学のでもあ	A COLUMN TO A C	「あいか」を、かうのう
22.0	22.95	13.00	13.00	17.40	13.00	10.60	11.75		22.7×6.90		_	
24.0	21.65	13.00	12.50	16.90	13.00	10.30	11.40	25.7×8.55	6.80		25.3×4.00	
26.0	20.50	13.00	12.10	16.45	13.00	9.95	11.05	8.50	6.55		4.00	
28.0	19.45	13.00	11.70	16.00	13.00	9.60	10.75	8.20	6.35	29.6×5.10	3.80	
30.0	18.55	13.00	11.35	15.60	13.00	9.25	10.45	7.90	6.15	5.10	3.65	124446
32.0	17.70	13.00	11.00	14.95	13.00	8.95	10.20	7.60	5.95	5.05	3.55	33.4×2.70
34.0	16.95	13.00	10.70	14.25	13.00	8.70	9.95	7.35	5.80	4.95	3.40	2.70
36.0	16.05	13.00	10.45	13.65	13.00	8.45	9.70	7.10	5.60	4.80	3.25	2.70
38.0	14.80	13.00	10.20	13.10	13.00	8.20	9.50	6.90	5.45	4.70	3.15	2.60
40.0	13.70	13.00	9.95	12.60	12.65	8.00	9.25	6.70	5.30	4.60	3.05	2.55
42.0	12.75	12.85	9.75	12.10	12.20	7.80	9.10	6.50	5.15	4.55	2.95	2.45
44.0	11.85	12.00	9.55	11.70	11.75	7.60	8.90	6.35	5.05	4.45	2.85	2.40
46.0	11.05	11.20	9.40	11.30	11.35	7.45	8.75	6.20	4.90	4.40	2.75	2.35
48.0	10.35	10.45	9.25	10.65	10.80	7.30	8.60	6.05	4.80	4.30	2.70	2.30
50.0	9.70	9.80	9.15	9.95	10.10	7.15	8.45	5.90	4.70	4.25	2.60	2.25
52.0	9.10	9.20	9.05	9.35	9.50	7.05	8.30	5.75	4.60	4.20	2.55	2.20
54.0	53.2×8.60	53.5×8.80	53.9×8.70	8.80	8.90	6.95	8.20	5.65	4.50	4.15	2.45	
56.0				8.30	8.40	6.85	8.10	5.55	4.45	4.10	2.40	
58.0				7.75	7.90	6.80	8.00	5.45	4.35	4.05	2.35	
60.0	1.00.00.00.00.00.00	and the local de	4.4.8	59.0×7.40	59.2×7.65	59.9×6.80	7.65	5.40	4.30	4.05	2.30	
62.0							7.25	5.30	4.25	4.00	2.25	
64.0							6.85	5.30	4.15	4.00	2.20	
66.0							65.0×6.60	65.9×5.25	4.15	4.00		
68.0									4.10	4.00		
70.0		Versional		and the second second	(and the second second	12.2 - 2 - 2 -	******	Line of the state	4.05	4.00	新生生的 · · · · · · · · · · · · · · · · · ·	
71.9									70.8×4.05	4.00		

Main Boom Length (m)	the second second	no hard a	奉送 (金) (金) (金) (金)	制新安斯等意了	「市市市なるの	1年後時前半沿河	18	中于市场法公会会	したないのでき	372723		
Jib Boom Length (m)	医动物电影的	13	※ 学 内 内 や ち		19		2	5	1月 花 化二十二十二十	No. In Manual	1245	7
Offset Angle (°)	されたアクト	5	30	Contra market	5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving
15.4	25.00	13.00										
16.0	25.00	13.00		17.9×18.00								
18.0	25.00	13.00	18.5×13.00	18.00	18.2×13.00							
20.0	25.00	13.00	13.00	18.00	13.00	日本部合会12	20.7×12.00		1日月 日本市 日本	和市 等于 有限的	64.9100-016-0	0.6.8.9.9.9
22.0	23.55	13.00	13.00	17.55	13.00	22.4×10.60	11.85		23.3×6.90			
24.0	22.25	13.00	12.70	17.10	13.00	10.40	11.50		6.85		25.8×4.00	
26.0	21.05	13.00	12.25	16.60	13.00	10.05	11.15	26.2×8.55	6.65		4.00	
28.0	20.00	13.00	11.90	16.20	13.00	9.70	10.85	8.25	6.40		3.85	
30.0	19.10	13.00	11.55	15.80	13.00	9.40	10.60	7.95	6.20	30.1×5.10	3.70	·····································
32.0	18.25	13.00	11.20	15.35	13.00	9.10	10.30	7.70	6.00	5.05	3.55	33.9×2.70
34.0	17.20	13.00	10.90	14.65	13.00	8.85	10.05	7.45	5.85	4.95	3.45	2.70
36.0	15.80	13.00	10.60	14.05	13.00	8.60	9.80	7.20	5.70	4.85	3.30	2.70
38.0	14.55	13.00	10.35	13.45	13.00	8.35	9.60	7.00	5.55	4.75	3.20	2.60
40.0	13.45	13.00	10.15	12.95	13.00	8.15	9.40	6.80	5.40	4.65	3.10	2.55
42.0	12.45	12.65	9.90	12.50	12.55	7.95	9.20	6.60	5.25	4.55	3.00	2.50
44.0	11.60	11.75	9.70	11.95	12.10	7.75	9.00	6.45	5.10	4.50	2.90	2.40
46.0	10.80	10.95	9.55	11.15	11.30	7.60	8.85	6.30	5.00	4.40	2.80	2.35
48.0	10.05	10.20	9.40	10.40	10.55	7.40	8.70	6.15	4.90	4.35	2.75	2.30
50.0	9.40	9.55	9.25	9.70	9.85	7.30	8.55	6.00	4.80	4.30	2.65	2.25
52.0	8.80	8.90	9.00	9.10	9.25	7.15	8.40	5.85	4.70	4.20	2.60	2.20
54.0	8.25	8.35	8.45	8.55	8.65	7.05	8.30	5.75	4.60	4.15	2.50	
56.0	55.8×7.55	7.85	7.90	8.00	8.15	6.95	8.20	5.65	4.50	4.10	2.45	
58.0			56.5×7.75	7.55	7.65	6.85	7.90	5.55	4.40	4.10	2.40	
60.0	the second second	10-10-10-10-10-10-10-	日前の市市市	7.05	7.20	6.80	7.45	5.45	4.35	4.05	2.35	In the second second
62.0				61.6×6.50	61.8×6.75	6.75	7.00	5.40	4.30	4.00	2.30	
64.0						62.5×6.65	6.60	5.30	4.20	4.00	2.25	
66.0							6.25	5.30	4.15	4.00	2.20	
68.0							67.6×5.80	5.25	4.15	4.00		
70.0	0.4-576-64	10.14.14.14.77	2年1月日 中国	「市内の市市市の	(原来中,带来)	おうち ちち あんち	10 To 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10	68.5×5.25	4.10	4.00	Recta de deservoir de	State of the state of the
72.0									4.05	4.00		
74.0									73.4×4.05	4.00		
74.5										4.00		

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4. Jib offset angle is under the loaded condition. 5. Figures described as $\bigcirc \times \bigcirc$ in the tables indicate working radius (m) × rated load (ton). 6. The counterweight is 81.6 ton (Upper: 79.2 ton/ Lower: 2.4 ton). 7. Be sure to fully extend the side frames before operating the machine.

75% Tipping Load	
Crane Ratings (Jib in 360° Working Area): Without Mast (2)	

Main Boom Length (m)	A	12	1.	Contraction of the local division of the loc	19		51	5		1		7
Jib Boom Length (m)	a second second second	13				00						
Offset Angle (°)		5	30		5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reev
15.9	25.00											
16.0	25.00	16.2×13.00										
18.0	25.00	13.00	19.0×13.00	18.4×18.00	18.7×13.00							
20.0	25.00	13.00	13.00	18.00	13.00	小彩 十元 田	21.3×12.00	1余新清考度;	小田田市外行	100000000	·····································	NAME
22.0	24.10	13.00	13.00	17.75	13.00	22.9×10.60	11.95		23.8×6.90			
24.0	22.75	13.00	12.85	17.25	13.00	10.50	11.60		6.90			
26.0	21.60	13.00	12.45	16.80	13.00	10.15	11.25	26.8×8.50	6.70		26.3×4.00	
28.0	20.55	13.00	12.05	16.35	13.00	9.80	10.95	8.35	6.50		3.90	
30.0	19.60	13.00	11.70	16.00	13.00	9.50	10.70	8.05	6.30	30.6×5.10	3.75	10000
32.0	18.55	13.00	11.35	15.60	13.00	9.20	10.40	7.80	6.10	5.10	3.60	
34.0	16.95	13.00	11.05	15.05	13.00	8.95	10.20	7.55	5.90	5.00	3.50	34.5×2.7
36.0	15.55	13.00	10.80	14.40	13.00	8.70	9.95	7.30	5.75	4.90	3.35	2.70
38.0	14.30	13.00	10.55	13.85	13.00	8.45	9.70	7.10	5.60	4.80	3.25	2.65
40.0	13.20	13.00	10.30	13.30	13.00	8.25	9.50	6.90	5.45	4.70	3.15	2.55
42.0	12.20	12.40	10.10	12.60	12.80	8.05	9.35	6.70	5.30	4.60	3.05	2.50
44.0	11.35	11.50	9.90	11.70	11.90	7.85	9.15	6.55	5.20	4.50	2.95	2.45
46.0	10.55	10.70	9.70	10.90	11.05	7.70	9.00	6.40	5.05	4.45	2.85	2.40
48.0	9.80	9.95	9.55	10.90	10.30	7.55	8.80	6.25	4.95	4.40	2.05	2.40
50.0	9.15	9.30	9.40	9.45	9.65	7.40	8.65	6.10	4.85	4.40	2.70	2.30
52.0	8.55	8.65	9.40 8.80	9.45	9.00	7.40	8.55	5.95	4.85	4.30	2.60	2.30
52.0	8.00	8.00	8.80	8.85	9.00	7.15	8.55	5.95	4.75	4.25	2.55	2.25
												2.20
56.0	7.50	7.60	7.65	7.75	7.90	7.05	8.15	5.75	4.55	4.15	2.50	
58.0	6.80	7.10	7.15	7.25	7.40	6.95	7.65	5.60	4.50	4.10	2.45	
60.0	58.4×6.65	58.6×6.85	59.1×6.80	6.85	6.95	6.85	7.20	5.55	4.40	4.05	2.35	地名法国
62.0				6.35	6.55	6.65	6.75	5.45	4.35	4.05	2.30	
64.0				5.75	6.00	6.20	6.35	5.40	4.30	4.00	2.25	
66.0				64.2×5.70	64.4×5.90	65.1×5.80	6.00	5.30	4.20	4.00	2.20	
68.0							5.65	5.30	4.15	4.00		
70.0	111112	20320	222222	20122		110101	5.10	5.25	4.15	4.00		1224
72.0						[70.2×5.05	71.1×5.00	4.10	4.00		
74.0									4.05	4.00		
76.0				4					4.05	4.00		1
77.1										4.00		
Main Boom Length (m)	hand and the second second			(1.2.2.2.2.2.2.2	5	i4	10 C 10 C 10 C 10	1.	100.00-00-00-00-00	10 St 10 St 10 St 10	1.1.1.1.1.1.
Jib Boom Length (m)	1	13	10 M M M M	6	19	5.0.0.0.0.0		5	3	1000000	3	7
Offset Angle (°)		5	30	******	5	30	15	30	15	30	15	30
Working Radius (m)		1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reev
16.4	25.00	16.7×13.00	Tiopeneeving	2 Tope reenings	Topercering	Topercenting	Topercentig	Trope receing	riopercenting	riopercentig	Trope reening	Topercev
18.0	25.00	13.00	19.6×13.00	19.0×18.00	19.2×13.00							
20.0	25.00	13.00	13.00	18.00	13.00		21.8×12.00	ALC: NOT THE OWNER OF T	and the second second	Call and a start and a start of the	a set the set of the	a second second
22.0	24.60	13.00	13.00	17.85	13.00	23.4×10.60	12.00	P. 2012 2012 2012	2 - 10 - 2 - 0 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -	and the set of the last		
24.0	23.30	13.00	13.00	17.40	13.00	10.60	11.70		24.3×6.90			
								27.2 9.50			26.8×4.00	
26.0	22.10	13.00	12.60	16.95	13.00	10.25	11.35	27.3×8.50	6.75			
28.0	21.05	13.00	12.20	16.55	13.00	9.90	11.10	8.40	6.55	04 4 5 40	3.90	
30.0	20.10	13.00	11.85	16.15	13.00	9.60	10.80	8.10	6.35	31.1×5.10	3.80	14 1 10 10 10 10 10 10 10 10 10 10 10 10 1
32.0	18.40	13.00	11.55	15.80	13.00	9.35	10.55	7.85	6.15	5.10	3.65	
34.0	16.80	13.00	11.25	15.40	13.00	9.05	10.30	7.60	6.00	5.00	3.50	35.0×2.7
36.0	15.40	13.00	10.95	14.75	13.00	8.80	10.05	7.40	5.80	4.90	3.40	2.70
38.0	14.15	13.00	10.70	14.20	13.00	8.60	9.85	7.20	5.65	4.80	3.30	2.65
40.0	13.05	13.00	10.45	13.45	13.00	8.40	9.65	7.00	5.50	4.70	3.20	2.60
42.0	12.05	12.25	10.25	12.45	12.65	8.20	9.45	6.80	5.40	4.65	3.10	2.50
44.0	11.20	11.35	10.05	11.55	11.75	8.00	9.25	6.65	5.25	4.55	3.00	2.45
46.0	10.35	10.55	9.85	10.75	10.90	7.80	9.10	6.45	5.15	4.50	2.90	2.40
48.0	9.65	9.80	9.70	10.00	10.15	7.65	8.95	6.30	5.00	4.40	2.80	2.35
50.0	8.95	9.10	9.30	9.30	9.50	7.50	8.80	6.20	4.90	4.35	2.75	2.30
52.0	8.35	8.50	8.65	8.70	8.85	7.35	8.65	6.05	4.80	4.30	2.65	2.25
	7.80	7.95	8.05	8.10	8.25	7.25	8.50	5.90	4.70	4.25	2.60	2.20
54.0												
	7.30	7.40	7.50	7.60	7.75	7.15	8.00	5.80	4.65	4.20	2.55	
56.0	7.30 6.80	7.40	7.50	7.60	7.75	7.15	8.00 7.50	5.80 5.70	4.65 4.55	4.20	2.55	r
56.0 58.0	6.80	6.95	7.00	7.10	7.25	7.05	7.50	5.70	4.55	4.15	2.45	
56.0 58.0 60.0	6.80 6.15	6.95 6.50	7.00 6.55	7.10 6.65	7.25 6.80	7.05 6.95	7.50 7.05	5.70 5.60	4.55 4.45	4.15 4.10	2.45 2.40	医浸水疗法
56.0 58.0	6.80	6.95	7.00	7.10	7.25	7.05	7.50	5.70	4.55	4.15	2.45	· 法法法法

6.35 5.95 5.50 67.0×5.20

6.50 6.05

5.65 67.7×5.10

6.20

5.85 5.45

5.05

72.8×4.45

6.25 5.80

5.20 66.8×5.00

5.50 5.45 5.40 5.30

5.20 4.80

73.7×4.35

4.35

4.25

4.20

4.15

4.15

4.10 4.05

78.6×3.75

4.00

4.00

3.95

3.95 3.95 3.95

3.95 3.70

79.7 See notes on page 12.

62.0 64.0

66.0

68.0

70.0 72.0

74.0 76.0

78.0

2.35 2.30 2.25 2.20

75% Tipping Load ■Crane Ratings (Jib in 360° Working Area): Without Mast (3)

Main Boom Length (m)	C. Co. At 140-10 P.	e se proprie f	and the second	·····································	A. M. W. W. W. W.	Seven and	7	Provent and a		All and	P.C. S. Salarda	and the second
Jib Boom Length (m)	の事業の中で	13	·东南南市市		19	·····································		5	3	1	11 - Harrison and a second sec	7
Offset Angle (°)	in a sea 1	5	30	and the second second	5	30	15	30	15	30	15	30
Working Radius (m)		1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reevin
16.9	25.00	17.2×13.00										
18.0	25.00	13.00		19.5×18.00	19.8×13.00							
20.0	25.00	13.00	20.1×13.00	18.00	13.00	1	·····································	の日本の	AN ALL TON	「「「「」」	a design of the state	Comments.
22.0	25.00	13.00	13.00	18.00	13.00	23.9×10.60	22.3×12.00					
24.0	23.80	13.00	13.00	17.55	13.00	10.60	11.80		24.8×6.90			
26.0	22.60	13.00	12.70	17.10	13.00	10.35	11.45	27.8×8.50	6.80		27.4×4.00	
28.0	21.15	13.00	12.35	16.70	13.00	10.00	11.15	8.45	6.60		3.95	
30.0	19.85	13.00	12.00	16.30	13.00	9.70	10.90	8.20	6.40	31.7×5.10	3.80	重要がすり
32.0	18.15	13.00	11.70	15.95	13.00	9.45	10.65	7.95	6.20	5.10	3.70	
34.0	16.55	13.00	11.40	15.60	13.00	9.20	10.40	7.70	6.05	5.05	3.55	35.5×2.70
36.0	15.10	13.00	11.10	15.10	13.00	8.95	10.15	7.50	5.90	4.95	3.45	2.70
38.0	13.85	13.00	10.85	14.30	13.00	8.70	9.95	7.25	5.75	4.85	3.30	2.65
40.0	12.75	12.95	10.60	13.20	13.00	8.50	9.75	7.05	5.60	4.75	3.20	2.60
42.0	11.75	11.95	10.40	12.20	12.40	8.30	9.55	6.90	5.45	4.65	3.10	2.55
44.0	10.85	11.05	10.20	11.25	11.50	8.10	9.35	6.70	5.30	4.60	3.05	2.45
46.0	10.05	10.25	10.00	10.45	10.65	7.95	9.20	6.55	5.20	4.50	2.95	2.40
48.0	9.35	9.50	9.70	9.70	9.90	7.75	9.05	6.40	5.10	4.45	2.85	2.35
50.0	8.65	8.80	9.00	9.00	9.20	7.60	8.90	6.25	5.00	4.35	2.80	2.30
52.0	8.05	8.20	8.40	8.40	8.55	7.50	8.75	6.15	4.90	4.30	2.70	2.25
54.0	7.50	7.65	7.80	7.80	8.00	7.35	8.30	6.00	4.80	4.25	2.65	2.20
56.0	6.95	7.10	7.25	7.30	7.45	7.25	7.75	5.90	4.70	4.20	2.55	
58.0	6.50	6.65	6.75	6.80	6.95	7.10	7.25	5.80	4.60	4.15	2.50	
60.0	5.95	6.15	6.25	6.35	6.50	6.70	6.75	5.70	4.55	4.10	2.45	19975
62.0	5.40	5.65	5.75	5.85	6.05	6.25	6.35	5.60	4.45	4.10	2.40	
64.0	63.6×4.90	63.8×5.10	5.15	5.40	5.60	5.75	5.95	5.50	4.40	4.05	2.35	
66.0			64.3×5.05	5.00	5.15	5.30	5.50	5.45	4.35	4.00	2.30	
68.0				4.50	4.75	4.85	5.05	5.30	4.25	4.00	2.25	
70.0	中国中学生主	a serie as the set	(金田市市市)	69.4×4.15	69.6×4.35	4.40	4.70	4.90	4.20	4.00	2.20	19.8 0.0
72.0						70.3×4.30	4.30	4.50	4.15	3.95		
74.0							4.00	4.10	4.15	3.95		
76.0							75.4×3.65	3.70	3.90	3.95		
78.0								76.3×3.60	3.60	3.80		
80.0	1.2.2.2.2.2.2	5-00-00-00-00-00	20000	の時間の	****	1220000	(*******	6-22-22	3.30	3.45	34255 m	100000
82.0									81.2×3.10	3.10		
82.3										3.05		

Main Boom Length (m)	医异型生产学	大学 大学 二	こことは前部	100000	TTTLESS	A 1 2 4 3 3 4	50	※ 必有有法的?	10.00.00.00.00		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	おうち ちちちち ちちちち
Jib Boom Length (m)		13	1 F 3 K P S		19	法在正常理察	2			1	And a state of the	7
Offset Angle (°)	the second se	5	30	1 million and a second s	5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving
17.5	25.00	17.7×13.00			A CONTRACTOR OF		1.10					
18.0	25.00	13.00		1.1.2.1-1	1.21	1.2	16.1					
20.0	25.00	13.00	20.6×13.00	18.00	20.3×13.00	有 美國 建 建				and the second second	1-11-11-11-11-11-11-11-11-11-11-11-11-1	新安田市市市
22.0	23.80	13.00	13.00	18.00	13.00		22.8×12.00					
24.0	22.05	13.00	13.00	17.65	13.00	24.5×10.60	11.85		25.3×6.90		· · · · · · · · · · · · · · · · · · ·	
26.0	20.55	13.00	12.85	17.25	13.00	10.45	11.55		6.85		27.9×4.00	
28.0	19.15	13.00	12.50	16.85	13.00	10.10	11.25	28.3×8.50	6.65		4.00	
30.0	17.95	13.00	12.15	16.45	13.00	9.80	11.00	8.25	6.45	Some with	3.85	·····································
32.0	16.80	13.00	11.85	16.10	13.00	9.55	10.75	8.00	6.25	32.2×5.10	3.70	
34.0	15.80	13.00	11.55	15.75	13.00	9.30	10.50	7.75	6.10	5.05	3.60	· · · · · · · · · · · · · · · · · · ·
36.0	14.85	13.00	11.25	14.90	13.00	9.05	10.25	7.55	5.95	4.95	3.45	2.70
38.0	13.65	13.00	11.00	14.05	13.00	8.80	10.05	7.35	5.80	4.85	3.35	2.65
40.0	12.50	12.75	10.75	12.95	12.90	8.60	9.85	7.15	5.65	4.75	3.25	2.60
42.0	11.50	11.75	10.55	11.95	12.15	8.40	9.65	6.95	5.50	4.70	3.15	2.55
44.0	10.60	10.80	10.35	11.05	11.25	8.20	9.50	6.80	5.40	4.60	3.05	2.50
46.0	9.80	10.00	10.15	10.20	10.40	8.05	9.30	6.65	5.25	4.55	3.00	2.45
48.0	9.05	9.25	9.50	9.45	9.65	7.90	9.15	6.50	5.15	4.45	2.90	2.35
50.0	8.40	8.60	8.80	8.75	8.95	7.70	9.00	6.35	5.05	4.40	2.80	2.35
52.0	7.80	7.95	8.15	8.15	8.35	7.60	8.65	6.20	4.95	4.35	2.75	2.30
54.0	7.20	7.40	7.55	7.55	7.75	7.45	8.05	6.10	4.85	4.30	2.65	2.25
56.0	6.70	6.85	7.00	7.05	7.20	7.35	7.50	6.00	4.75	4.25	2.60	2.20
58.0	6.15	6.30	6.50	6.55	6.70	6.95	7.00	5.85	4.65	4.20	2.55	
60.0	5.65	5.80	5.95	6.05	6.25	6.45	6.55	5.75	4.60	4.15	2.50	新世等 化开门
62.0	5.15	5.30	5.45	5.55	5.75	6.00	6.10	5.65	4.50	4.10	2.45	
64.0	4.70	4.85	4.95	5.10	5.25	5.50	5.60	5.60	4.45	4.05	2.35	
66.0	4.15	4.40	4.50	4.65	4.85	5.00	5.20	5.50	4.40	4.05	2.35	
68.0	66.2×4.10	66.4×4.30	66.9×4.25	4.25	4.45	4.60	4.75	5.05	4.30	4.00	2.30	
70.0		The second state	1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	3.90	4.05	4.15	4.35	4.65	4.25	4.00	2.25	144.4.2
72.0				3.45	3.65	3.80	4.00	4.25	4.20	3.95	2.20	
74.0					72.2×3.60	72.9×3.55	3.65	3.85	3.95	3.95		
76.0							3.35	3.50	3.60	3.90		
78.0							3.00	3.15	3.30	3.55		
80.0	Logic and Advanced of	1000000		an an an su da alla		and a second of	1	78.9×3.00	3.00	3.20	112222	22.24
82.0									2.70	2.90		
84.0							1		83.8×2.50	2.60		
84.9										2.45		

See notes on page 12.

75% Tipping Load ■Crane Ratings (Jib in 360° Working Area): Without Mast (4)

Main Boom Length (m)	a the second	10000	A PROPERTY	A REPORT OF	1000	· · · · · · · · · · · · · · · · · · ·	53	6554683	10年日日年年日	2. 化化化化化	Station and	No. of Street, or other
Jib Boom Length (m)	The state of the second	13	中国になってもの		19	100000	2	25		11	1 1 1 1 1 1 1 1	7
Offset Angle (°)	1	5	30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving
18.0	25.00	18.3×13.00										
20.0	23.70	13.00	21.1×13.00	20.5×18.00	20.8×13.00	120000			1	111113	122221	121940
22.0	21.80	13.00	13.00	18.00	13.00		23.3×12.00					
24.0	20.15	13.00	13.00	17.80	13.00	25.0×10.60	11.95		25.9×6.90			
26.0	18.70	13.00	12.95	17.40	13.00	10.50	11.65		6.90			
28.0	17.40	13.00	12.60	17.00	13.00	10.20	11.35	28.8×8.45	6.70		28.4×4.00	
30.0	16.20	13.00	12.25	16.30	13.00	9.90	11.10	8.30	6.50	40000	3.85	142253
32.0	15.15	13.00	11.95	15.25	13.00	9.65	10.85	8.05	6.30	32.7×5.10	3.75	
34.0	14.20	13.00	11.65	14.25	13.00	9.40	10.60	7.85	6.15	5.05	3.60	
36.0	13.35	12.90	11.40	13.40	13.00	9.15	10.35	7.60	6.00	4.95	3.50	36.6×2.70
38.0	12.50	12.15	11.15	12.60	12.25	8.90	10.15	7.40	5.85	4.90	3.40	2.70
40.0	11.75	11.45	10.90	11.85	11.55	8.70	9.95	7.25	5.70	4.80	3.30	2.60
42.0	11.05	10.80	10.70	11.15	10.90	8.50	9.75	7.05	5.55	4.70	3.20	2.55
44.0	10.40	10.20	10.40	10.55	10.30	8.30	9.60	6.90	5.45	4.65	3.10	2.50
46.0	9.60	9.60	9.80	9.95	9.75	8.15	9.40	6.70	5.35	4.55	3.00	2.45
48.0	8.85	9.05	9.25	9.25	9.20	8.00	9.25	6.55	5.20	4.50	2.95	2.40
50.0	8.20	8.40	8.65	8.55	8.70	7.85	8.80	6.45	5.10	4.40	2.85	2.35
52.0	7.55	7.75	8.00	7.95	8.15	7.70	8.35	6.30	5.00	4.35	2.80	2.30
54.0	7.00	7.20	7.40	7.35	7.55	7.55	7.90	6.15	4.90	4.30	2.70	2.25
56.0	6.40	6.60	6.80	6.80	7.00	7.30	7.35	6.05	4.80	4.25	2.65	2.20
58.0	5.80	6.00	6.20	6.25	6.50	6.80	6.80	5.95	4.75	4.20	2.60	
60.0	5.30	5.50	5.65	5.75	5.95	6.30	6.35	5.85	4.65	4.15	2.50	10000
62.0	4.80	5.00	5.15	5.25	5.45	5.75	5.85	5.75	4.55	4.10	2.45	
64.0	4.40	4.55	4.65	4.75	4.95	5.25	5.35	5.65	4.50	4.10	2.40	
66.0	3.95	4.10	4.20	4.35	4.55	4.75	4.90	5.25	4.45	4.05	2.35	
68.0	3.55	3.75	3.80	3.95	4.15	4.30	4.50	4.80	4.35	4.00	2.30	
70.0	68.8×3.35	69.0×3.55	69.5×3.50	3.55	3.75	3.90	4.10	4.40	4.30	4.00	2.25	122-000
72.0				3.20	3.40	3.50	3.70	4.00	4.00	3.95	2.25	
74.0				2.90	3.05	3.15	3.35	3.60	3.65	3.95	2.20	
76.0		· · · · · · · · · · · · · · · · · · ·		74.6×2.75	74.8×2.90	75.5×2.90	3.05	3.25	3.30	3.65		
78.0							2.75	2.90	3.00	3.30		
80.0	1122200		10.00 × 10.00	1.0.0.0.0.0.0.0	1 at 10 million 10 million	******	2.45	2.55	2.70	2.95	****	10.4.30 g Sc
82.0				2			80.1×2.40	80.8×2.40	2.40	2.65		
84.0	00							00.042.40	83.6×2.20	2.35		
85.0										2.20		

See notes on page 12.

75% Tipping Load Main Bo

Main Boom Length (m)	110000	2. 医子宫内的	1. 20 - 10 - 20 - 20 - 20 - 20 - 20 - 20 -	医肾盂 医胆管的	i na na na na	4	5	THERE AND	**************************************	Lawf Ca	法并保守部分法	No. 6 and a start
Jib Boom Length (m)	·安安 ··································	13		012122	19			5		1	3	7
Offset Angle (°)	Caraa2	5	30		5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving
14.9	25.00	15.1×13.00										
16.0	25.00	13.00		17.4×18.00	17.7×13.00							
18.0	25.00	13.00	13.00	18.00	13.00							
20.0	24.45	13.00	13.00	17.95	13.00	21.9×10.60	20.2×12.00	States and	Street Toleran	Participant and	10000	化学 医子子子
22.0	22.95	13.00	13.00	17.40	13.00	10.60	11.75		22.7×6.90			
24.0	21.65	13.00	12.55	16.90	13.00	10.30	11.40	25.7×8.40	6.80		25.3×4.00	
26.0	20.50	13.00	12.10	16.45	13.00	9.95	11.05	8.40	6.55		4.00	
28.0	19.45	13.00	11.70	16.00	13.00	9.60	10.75	8.20	6.35	29.6×5.10	3.80	
30.0	18.55	13.00	11.35	15.60	13.00	9.25	10.45	7.90	6.15	5.10	3.65	1000
32.0	17.70	13.00	11.00	14.95	13.00	8.95	10.20	7.60	5.95	5.05	3.55	33.4×2.70
34.0	16.95	13.00	10.70	14.25	13.00	8.70	9.95	7.35	5.75	4.95	3.40	2.70
36.0	16.25	13.00	10.45	13.65	13.00	8.45	9.70	7.10	5.60	4.80	3.25	2.70
38.0	15.10	13.00	10.20	13.10	13.00	8.20	9.50	6.90	5.45	4.70	3.15	2.60
40.0	13.95	13.00	9.95	12.60	12.65	8.00	9.25	6.70	5.30	4.60	3.05	2.55
42.0	12.95	13.00	9.75	12.10	12.20	7.80	9.10	6.50	5.15	4.55	2.95	2.45
44.0	12.05	12.15	9.55	11.70	11.75	7.60	8.90	6.35	5.05	4.45	2.85	2.40
46.0	11.20	11.35	9.40	11.30	11.35	7.45	8.75	6.20	4.90	4.40	2.75	2.35
48.0	10.45	10.60	9.25	10.80	10.95	7.30	8.60	6.05	4.80	4.30	2.70	2.30
50.0	9.80	9.90	9.15	10.10	10.25	7.15	8.45	5.90	4.70	4.25	2.60	2.25
52.0	9.20	9.30	9.05	9.50	9.60	7.05	8.30	5.75	4.60	4.20	2.55	2.20
54.0	53.2×8.85	53.5×8.85	53.9×8.80	8.90	9.05	6.95	8.20	5.65	4.50	4.15	2.45	
56.0				8.40	8.50	6.85	8.10	5.55	4.45	4.10	2.40	
58.0				7.90	8.00	6.80	8.00	5.45	4.35	4.05	2.35	
60.0	535527	10000	1262352	59.0×7.65	59.2×7.70	59.9×6.80	7.75	5.40	4.30	4.05	2.30	A.
62.0							7.35	5.30	4.25	4.00	2.25	
64.0							6.95	5.30	4.15	4.00	2.20	
66.0							65.0×6.75	65.9×5.25	4.15	4.00		
68.0									4.10	4.00		
70.0	「美国の市(図)用」	(学習術を考け	医下口 化用可	法法法法保护	やまその方子	化合物化 的复数	19-19-19-20 (19-19)	计图 化 化 化 化	4.05	4.00	学员在这些法	0000000
71.9									70.8×4.05	4.00		

Main Boom Length (m)		1222210	C C C C C C		2 4 4 4 4	4	18	1999年月月日日	TEFARES	AND STATE	20222	26250
Jib Boom Length (m)		13	and have	24244	19		the second	5		100.0000		7
Offset Angle (°)	· · · · · · · · · · · · · · · · · · ·	5	30	シモキ史書手	5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving
15.4	25.00	15.7×13.00										
16.0	25.00	13.00		17.9×18.00								
18.0	25.00	13.00	18.5×13.00	18.00	18.2×13.00							
20.0	25.00	13.00	13.00	18.00	13.00	计学 化学生	20.7×12.00	× +		中午 用 中 田 水	1.1.1.1.1.1.1.1.1.1.1.1	*****
22.0	23.55	13.00	13.00	17.55	13.00	22.4×10.60	11.85		23.3×6.90			
24.0	22.25	13.00	12.70	17.10	13.00	10.40	11.50		6.85		25.8×4.00	
26.0	21.05	13.00	12.25	16.60	13.00	10.05	11.15	26.2×8.40	6.65		4.00	
28.0	20.00	13.00	11.90	16.20	13.00	9.70	10.85	8.25	6.40		3.85	
30.0	19.10	13.00	11.55	15.80	13.00	9.40	10.60	7.95	6.20	30.1×5.10	3.70	*****
32.0	18.25	13.00	11.20	15.35	13.00	9.10	10.30	7.70	6.00	5.05	3.55	33.9×2.70
34.0	17.45	13.00	10.90	14.65	13.00	8.85	10.05	7.45	5.85	4.95	3.45	2.70
36.0	16.15	13.00	10.60	14.05	13.00	8.60	9.80	7.20	5.70	4.85	3.30	2.70
38.0	14.85	13.00	10.35	13.45	13.00	8.35	9.60	7.00	5.55	4.75	3.20	2.60
40.0	13.70	13.00	10.15	12.95	13.00	8.15	9.40	6.80	5.40	4.65	3.10	2.55
42.0	12.70	12.85	9.90	12.50	12.55	7.95	9.20	6.60	5.25	4.55	3.00	2.50
44.0	11.80	11.95	9.75	12.05	12.10	7.75	9.00	6.45	5.10	4.50	2.90	2.40
46.0	10.95	11.10	9.55	11.35	11.50	7.60	8.85	6.30	5.00	4.40	2.80	2.35
48.0	10.20	10.35	9.40	10.60	10.75	7.40	8.70	6.15	4.90	4.35	2.75	2.30
50.0	9.55	9.65	9.25	9.90	10.05	7.30	8.55	6.00	4.80	4.30	2.65	2.25
52.0	8.90	9.05	9.15	9.25	9.40	7.15	8.40	5.85	4.70	4.20	2.60	2.20
54.0	8.35	8.45	8.55	8.65	8.80	7.05	8.30	5.75	4.60	4.15	2.50	
56.0	55.8×7.85	7.90	7.95	8.10	8.25	6.95	8.20	5.65	4.50	4.10	2.45	
58.0			56.5×7.85	7.65	7.75	6.85	8.05	5.55	4.40	4.10	2.40	
60.0	******	2223223	112222	7.15	7.30	6.80	7.55	5.45	4.35	4.05	2.35	132373
62.0			And the second second second	61.6×6.85	61.8×6.90	6.75	7.10	5.40	4.30	4.00	2.30	
64.0						62.5×6.75	6.70	5.30	4.20	4.00	2.25	
66.0							6.30	5.30	4.15	4.00	2.20	
68.0			-				67.6×6.00	5.25	4.15	4.00		
70.0	10 (10 - 06 (10 - 05 - 07	10-10-10-10-10-10-			*****	****		68.5×5.25	4.10	4.00		1.0.0.7.0.0
72.0		a second second second		1. 10 Million (1997) 100 / 100 / 100	100 million (100 million (100 million)			CONTRACTO	4.05	4.00	the same the law but he	A COLUMN TWO IS NOT
74.0									73.4×4.05	4.00		
74.5										4.00		

 74.5
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4. Jib offset angle is under the loaded condition. 5. Figures described as $\bigcirc \times \bigcirc$ in the tables indicate working radius (m) × rated load (ton). 6. The counterweight is 81.6 ton (Upper: 79.2 ton/ Lower: 2.4 ton). 7. Be sure to fully extend the side frames before operating the machine.

75% Tipping Load Crane Ratings (Jib in 360° Working Area): With Mast (2)

Main Boom Length (m) Jib Boom Length (m)	The state of the state of the	13	1	7.7.5 G mm	19	安治 医安斯斯	1日日日二十2	5	· · · · · · · · · · · · · · · · · · ·	1-5-5-6-6-2		37
Offset Angle (°)	1	5	30	2-11-2-21-21-21	5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reevin
15.9	25.00]		
16.0	25.00	16.2×13.00									1	
18.0	25.00	13.00	19.0×13.00	18.4×18.00	18.7×13.00							
20.0	25.00	13.00	13.00	18.00	13.00	and the second second	21.3×12.00	二日 二十十十十	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	100000	to so service de la	in a second
22.0	24.10	13.00	13.00	17.75	13.00	22.9×10.60	11.95		23.8×6.90			
24.0	22.75	13.00	12.85	17.25	13.00	10.50	11.60		6.90			
26.0	21.60	13.00	12.45	16.80	13.00	10.15	11.25	26.8×8.40	6.70	_	26.3×4.00	
28.0	20.55	13.00	12.05	16.35	13.00	9.80	10.95	8.35	6.50		3.90	
30.0	19.60	13.00	11.70	16.00	13.00	9.50	10.70	8.05	6.30	30.6×5.10	3.75	124500
32.0	18.75	13.00	11.35	15.60	13.00	9.20	10.40	7.80	6.10	5.10	3.60	
34.0	17.35	13.00	11.05	15.05	13.00	8.95	10.20	7.55	5.90	5.00	3.50	34.5×2.70
36.0	15.90	13.00	10.80	14.40	13.00	8.70	9.95	7.30	5.75	4.90	3.35	2.70
38.0	14.65	13.00	10.55	13.85	13.00	8.45	9.70	7.10	5.60	4.80	3.25	2.65
40.0	13.50	13.00	10.30	13.30	13.00	8.25	9.50	6.90	5.45	4.70	3.15	2.55
42.0	12.45	12.65	10.10	12.85	12.90	8.05	9.35	6.70	5.30	4.60	3.05	2.50
44.0	11.55	11.70	9.90	11.95	12.15	7.85	9.15	6.55	5.20	4.50	2.95	2.45
46.0	10.75	10.90	9.70	11.10	11.30	7.70	9.00	6.40	5.05	4.45	2.85	2.40
48.0	10.00	10.15	9.55	10.35	10.55	7.55	8.80	6.25	4.95	4.40	2.75	2.35
50.0	9.30	9.45	9.40	9.65	9.80	7.40	8.65	6.10	4.85	4.30	2.70	2.30
52.0	8.65	8.80	8.95	9.00	9.15	7.25	8.55	5.95	4.75	4.25	2.60	2.25
54.0	8.10	8.20	8.35	8.45	8.60	7.15	8.40	5.85	4.65	4.20	2.55	2.20
56.0	7.55	7.70	7.75	7.90	8.05	7.05	8.30	5.75	4.55	4.15	2.50	
58.0	7.10	7.20	7.25	7.40	7.50	6.95	7.80	5.65	4.50	4.10	2.45	
60.0	58.4×7.00	58.6×7.05	59.1×7.00	6.95	7.05	6.85	7.35	5.55	4.40	4.05	2.35	a state of the
62.0			· · · · · · · · · · · · · · · · · · ·	6.50	6.60	6.70	6.90	5.45	4.35	4.05	2.30	
64.0				6.10	6.20	6.30	6.45	5.40	4.30	4.00	2.25	
66.0				64.2×6.05	64.4×6.15	65.1×6.05	6.10	5.30	4.20	4.00	2.20	
68.0							5.70	5.30	4.15	4.00		
70.0	0.0.0	232235		100000		1.5.8.5.6.1	5.35	5.25	4.15	4.00		1-2-2-2-2-2
72.0							70.2×5.30	71.1×5.25	4.10	4.00		
74.0									4.05	4.00		
76.0									4.05	4.00		
77.1			· · · · · · · · · · · · · · · · · · ·							4.00		

Main Boom Length (m)	+ + + + + + + + + + + + + + + + + + + +			2242241	a parte da parte da	2.在航途增长	i4	充实而且遵守	的小学校的中国	医单位的现象		6.25.52.5.
Jib Boom Length (m)	市场市场市市	13	宗教书书 化容	1会传送世历内	19		2	5	3	1	1 3	7
Offset Angle (°)	2.7.2.4.1	5	30	1	5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving
16.4	25.00	16.7×13.00										
18.0	25.00	13.00	19.6×13.00	19.0×18.00	19.2×13.00							
20.0	25.00	13.00	13.00	18.00	13.00	市地水水安全	21.8×12.00	1月前来天田(10000000	與水理長改進	(注意: 中国)	10000000
22.0	24.60	13.00	13.00	17.85	13.00	23.4×10.60	12.00					
24.0	23.30	13.00	13.00	17.40	13.00	10.60	11.70		24.3×6.90			
26.0	22.10	13.00	12.60	16.95	13.00	10.25	11.35	27.3×8.40	6.75		26.8×4.00	
28.0	21.05	13.00	12.20	16.55	13.00	9.90	11.10	8.40	6.55		3.90	
30.0	20.10	13.00	11.85	16.15	13.00	9.60	10.80	8.10	6.35	31.1×5.10	3.80	144.44
32.0	18.85	13.00	11.55	15.80	13.00	9.35	10.55	7.85	6.15	5.10	3.65	
34.0	17.20	13.00	11.25	15.40	13.00	9.05	10.30	7.60	6.00	5.00	3.50	35.0×2.70
36.0	15.80	13.00	10.95	14.75	13.00	8.80	10.05	7.40	5.80	4.90	3.40	2.70
38.0	14.50	13.00	10.70	14.20	13.00	8.60	9.85	7.20	5.65	4.80	3.30	2.65
40.0	13.35	13.00	10.45	13.65	13.00	8.40	9.65	7.00	5.50	4.70	3.20	2.60
42.0	12.35	12.50	10.25	12.75	12.95	8.20	9.45	6.80	5.40	4.65	3.10	2.50
44.0	11.40	11.60	10.05	11.85	12.00	8.00	9.25	6.65	5.25	4.55	3.00	2.45
46.0	10.60	10.75	9.85	11.00	11.15	7.80	9.10	6.45	5.15	4.50	2.90	2.40
48.0	9.85	10.00	9.70	10.20	10.40	7.65	8.95	6.30	5.00	4.40	2.80	2.35
50.0	9.15	9.30	9.50	9.50	9.70	7.50	8.80	6.20	4.90	4.35	2.75	2.30
52.0	8.50	8.65	8.80	8.85	9.05	7.35	8.65	6.05	4.80	4.30	2.65	2.25
54.0	7.95	8.05	8.20	8.25	8.45	7.25	8.50	5.95	4.70	4.25	2.60	2.20
56.0	7.40	7.55	7.65	7.75	7.90	7.15	8.20	5.80	4.65	4.20	2.55	
58.0	6.90	7.05	7.10	7.20	7.35	7.05	7.65	5.70	4.55	4.15	2.45	
60.0	6.45	6.60	6.65	6.75	6.90	6.95	7.20	5.60	4.45	4.10	2.40	····································
62.0	61.0×6.25	61.2×6.30	61.7×6.25	6.35	6.45	6.60	6.75	5.55	4.40	4.05	2.35	
64.0				5.90	6.05	6.15	6.30	5.45	4.35	4.00	2.30	
66.0				5.50	5.60	5.75	5.95	5.40	4.25	4.00	2.25	
68.0				66.8×5.30	67.0×5.40	67.7×5.35	5.55	5.30	4.20	4.00	2.20	
70.0	医胆管管 医水平	*****	Red and and	22222	上的 法有可可可	And Contractor	5.15	5.30	4.15	3.95	オタごだたう	1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.
72.0							4.75	4.90	4.15	3.95		
74.0							72.8×4.60	73.7×4.55	4.10	3.95		
76.0									4.05	3.95		
78.0									4.00	3.95		
79.7	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·							78.6×3.90	3.85		

See notes on page 16.

75% Tipping Load ■Crane Ratings (Jib in 360° Working Area): With Mast (3)

Main Boom Length (m)	222		*****	计分词 化合金	*****		57	the state of the	****	C. Harris		and the second
Jib Boom Length (m)	10-20-20-20-20-20-20-20-20-20-20-20-20-20	13	电热波 医外的	100000	19	1999年中海道	· · · · · · · · · · · · · · · · · · ·	25	3	31		37
Offset Angle (°)		5	30		5	30	15	30	15	30	15	30
Working Radius (m)		1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reevin
16.9	25.00	17.2×13.00										
18.0	25.00	13.00		19.5×18.00	19.8×13.00					·		
20.0	25.00	13.00	20.1×13.00	18.00	13.00	100000		and the state of the state of the	The second second	1 + 1 - p. m m m m	Constant R	the second second
22.0	25.00	13.00	13.00	18.00	13.00	23.9×10.60	22.3×12.00					
24.0	23.80	13.00	13.00	17.55	13.00	10.60	11.80		24.8×6.90			
26.0	22.60	13.00	12.70	17.10	13.00	10.35	11.45	27.8×8.40	6.80		27.4×4.00	
28.0	21.55	13.00	12.35	16.70	13.00	10.00	11.15	8.40	6.60	1	3.95	
30.0	20.50	13.00	12.00	16.30	13.00	9.70	10.90	8.20	6.40	31.7×5.10	3.80	ALC: NO TO THE OWNER
32.0	18.60	13.00	11.70	15.95	13.00	9.45	10.65	7.95	6.20	5.10	3.70	
34.0	16.95	13.00	11.40	15.60	13.00	9.20	10.40	7.70	6.05	5.05	3.55	35.5×2.70
36.0	15.50	13.00	11.10	15.10	13.00	8.95	10.15	7.50	5.90	4.95	3.45	2.70
38.0	14.20	13.00	10.85	14.50	13.00	8.70	9.95	7.25	5.75	4.85	3.30	2.65
40.0	13.10	13.00	10.60	13.55	13.00	8.50	9.75	7.05	5.60	4.75	3.20	2.60
42.0	12.05	12.25	10.40	12.50	12.70	8.30	9.55	6.90	5.45	4.65	3.10	2.55
44.0	11.15	11.30	10.20	11.55	11.75	8.10	9.35	6.70	5.30	4.60	3.05	2.45
46.0	10.30	10.50	10.00	10.70	10.90	7.95	9.20	6.55	5.20	4.50	2.95	2.40
48.0	9.55	9.70	9.80	9.95	10.15	7.75	9.05	6.40	5.10	4.45	2.85	2.35
50.0	8.85	9.00	9.20	9.25	9.40	7.60	8.90	6.25	5.00	4.35	2.80	2.30
52.0	8.20	8.35	8.55	8.60	8.75	7.50	8.75	6.15	4.90	4.30	2.70	2.25
54.0	7.65	7.80	7.95	8.00	8.15	7.35	8.50	6.00	4.80	4.25	2.65	2.20
56.0	7.10	7.25	7.40	7.45	7.60	7.25	7.95	5.90	4.70	4.20	2.55	2.20
58.0	6.60	6.75	6.85	6.95	7.10	7.10	7.40	5.80	4.60	4.15	2.50	
60.0	6.10	6.25	6.35	6.45	6.60	6.80	6.90	5.70	4.55	4.10	2.45	1 The local sector
62.0	5.60	5.75	5.85	6.00	6.20	6.35	6.45	5.60	4.45	4.10	2.40	-
64.0	63.6×5.25	63.8×5.30	5.35	5.55	5.70	5.90	6.05	5.50	4.40	4.10	2.40	
66.0	00.0.0.20	00.040.00	64.3×5.25	5.10	5.25	5.40	5.60	5.45	4.35	4.00	2.30	V
68.0			04.040.20	4.70	4.85	4.95	5.20	5.40	4.35	4.00	2.30	
70.0		0.0110.0110-0.		69.4×4.40	69.6×4.50	4.50	4.80	5.00	4.20	4.00	2.20	MARCO AN
72.0				03.474.40	00.014.00	70.3×4.45	4.40	4.60	4.20	3.95	2.20	AL 2 2 2 2
74.0						10.024.40	4.40	4.00	4.15	3.95		_
76.0							75.4×3.80	3.80	4.10	3.95		
78.0							73.423.00	76.3×3.75	3.65	3.95		
80.0	1.0.0.0.0.0.0	3-31-52 (R. P.)	0.0-0.00-0.00-0			6 m	1.0.0.0.0.0.0.0	10.3×3.75	3.35	3.65		A
82.0									3.35 81.2×3.20	3.50		
82.0									01.2×3.20	3.20		
02.3										3.15		

Main Boom Length (m)	100000		222233				0	1443044				
Jib Boom Length (m)	222542	13	222222	and a set of the	19	2122333		5	3		3	
Offset Angle (°)		5	30		5	30	15	30	15	30	15	30
Working Radius (m)		1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reevin
17.5	25.00	17.7×13.00		100/51 0		10104015	. I NTDI	1.100.10				
18.0	25.00	13.00		1 1 1 2 1 1	CONTRACT N	-3 1 - 25 hr	1.1.455.71	11 1000	1 221			
20.0	25.00	13.00	20.6×13.00	18.00	20.3×13.00	222222		10 十月 书 年 四	十七十年前一次二			
22.0	25.00	13.00	13.00	18.00	13.00		22.8×12.00			и <u>с</u>		
24.0	23.65	13.00	13.00	17.65	13.00	24.5×10.60	11.85		25.3×6.90			
26.0	22.05	13.00	12.85	17.25	13.00	10.45	11.55		6.85		27.9×4.00	
28.0	20.55	13.00	12.50	16.85	13.00	10.10	11.25	28.3×8.40	6.65		4.00	
30.0	19.25	13.00	12.15	16.45	13.00	9.80	11.00	8.25	6.45	the loss of the loss of	3.85	Les of
32.0	18.00	13.00	11.85	16.10	13.00	9.55	10.75	8.00	6.25	32.2×5.10	3.70	
34.0	16.70	13.00	11.55	15.75	13.00	9.30	10.50	7.75	6.10	5.05	3.60	
36.0	15.25	13.00	11.25	15.45	13.00	9.05	10.25	7.55	5.95	4.95	3.45	2.70
38.0	14.00	13.00	11.00	14.45	13.00	8.80	10.05	7.35	5.80	4.85	3.35	2.65
40.0	12.85	13.00	10.75	13.30	13.00	8.60	9.85	7.15	5.65	4.75	3.25	2.60
42.0	11.80	12.05	10.55	12.25	12.50	8.40	9.65	6.95	5.50	4.70	3.15	2.55
44.0	10.90	11.10	10.35	11.35	11.55	8.20	9.50	6.80	5.40	4.60	3.05	2.50
46.0	10.05	10.25	10.15	10.50	10.70	8.05	9.30	6.65	5.25	4.55	3.00	2.45
48.0	9.30	9.50	9.75	9.70	9.90	7.90	9.15	6.50	5.15	4.45	2.90	2.35
50.0	8.60	8.80	9.00	9.00	9.20	7.70	9.00	6.35	5.05	4.40	2.80	2.35
52.0	7.95	8.15	8.35	8.35	8.55	7.60	8.85	6.20	4.95	4.35	2.75	2.30
54.0	7.40	7.55	7.75	7.75	7.95	7.45	8.30	6.10	4.85	4.30	2.65	2.25
56.0	6.85	7.00	7.15	7.20	7.40	7.35	7.70	6.00	4.75	4.25	2.60	2.20
58.0	6.30	6.50	6.65	6.70	6.85	7.15	7.20	5.85	4.65	4.20	2.55	2.20
· 60.0	5.75	5.95	6.10	6.20	6.40	6.60	6.70	5.75	4.60	4.15	2.50	and the second second
62.0	5.25	5.45	5.55	5.70	5.90	6.15	6.25	5.65	4.50	4.10	2.45	
64.0	4.80	4.95	5.05	5.20	5.40	5.65	5.80	5.60	4.45	4.10	2.45	
66.0	4.40	4.55	4.60	4.80	4.95	5.15	5.35	5.50	4.45	4.05	2.35	
68.0	4.40 66.2×4.35	4.55 66.4×4.45	4.00 66.9×4.40	4.80	4.95	4.70	4.90	5.20	4.40	4.05		
70.0	00.2×4.35	00.4×4.45	00.9×4.40	4.00	4.55	4.70	4.90	4.75	4.30		2.30	
70.0		1		3.65	4.15	4.25	4.50			4.00	2.25	1000
				3.05				4.35	4.20	3.95	2.20	
74.0					72.2×3.75	72.9×3.70	3.75	3.95	4.05	3.95		
76.0							3.40	3.55	3.70	3.95		
78.0							3.10	3.20	3.40	3.65		
80.0	1.2.4.4.4.4	and the second		日本市 市 (中市)	100.10.20.00.00.00		Provide de la caración	78.9×3.05	3.10	3.30	No States	1 - 1
82.0									2.80	2.95		
84.0									83.8×2.55	2.65		
84.9										2.50		

See notes on page 16.

75% Tipping Load ■Crane Ratings (Jib in 360° Working Area): With Mast (4)

Main Boom Length (m)			ALC: NOT THE	rea): With		6	3	642644	(金融金田)金车	等于现于 新生	and the second	A STREET
Jib Boom Length (m)		13	The second	1. 10 10 10 10 10 10 10 10 10 10 10 10 10	19	法法法法律书	- 2	5	3	and the second second		7
Offset Angle (°)	and a start of	5	30	(金山市)(市市)	5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving
18.0	25.00	18.3×13.00										
20.0	25.00	13.00	21.1×13.00	20.5×18.00	20.8×13.00	1.0 1. 1 1 1 1 1	かの 赤市 田市の	19.10 月日 4.8	きのの方をす			「日本」の
22.0	23.45	13.00	13.00	18.00	13.00		23.3×12.00					(
24.0	21.75	13.00	13.00	17.80	13.00	25.0×10.60	11.95		25.9×6.90			
26.0	20.20	13.00	12.95	17.40	13.00	10.50	11.65		6.90			
28.0	18.80	13.00	12.60	17.00	13.00	10.20	11.35	28.8×8.40	6.70		28.4×4.00	
30.0	17.55	13.00	12.30	16.60	13.00	9.90	11.10	8.30	6.50	十年 帝王 御法	3.85	「小田田」
32.0	16.40	13.00	11.95	16.25	13.00	9.65	10.85	8.05	6.30	32.7×5.10	3.75	
34.0	15.35	13.00	11.65	15.50	13.00	9.40	10.60	7.85	6.15	5.05	3.60	
36.0	14.35	13.00	11.40	14.55	13.00	9.15	10.35	7.60	6.00	4.95	3.50	36.6×2.70
38.0	13.45	13.00	11.15	13.65	13.00	8.90	10.15	7.40	5.85	4.90	3.40	2.70
40.0	12.60	12.20	10.90	12.80	12.45	8.70	9.95	7.25	5.70	4.80	3.30	2.60
42.0	11.65	11.50	10.70	12.05	11.70	8.50	9.75	7.05	5.55	4.70	3.20	2.55
44.0	10.70	10.80	10.45	11.15	11.05	8.30	9.60	6.90	5.45	4.65	3.10	2.50
46.0	9.85	10.10	10.30	10.30	10.40	8.15	9.40	6.70	5.35	4.55	3.00	2.45
48.0	9.10	9.30	9.60	9.55	9.75	8.00	9.25	6.55	5.20	4.50	2.95	2.40
50.0	8.40	8.60	8.85	8.80	9.05	7.85	9.10	6.45	5.10	4.40	2.85	2.35
52.0	7.75	7.95	8.20	8.15	8.35	7.70	8.70	6.30	5.00	4.35	2.80	2.30
54.0	7.20	7.35	7.55	7.55	7.75	7.55	8.10	6.15	4.90	4.30	2.70	2.25
56.0	6.60	6.80	7.00	7.00	7.20	7.40	7.55	6.05	4.80	4.25	2.65	2.20
58.0	6.00	6.20	6.40	6.50	6.70	6.95	7.00	5.95	4.75	4.20	2.60	
60.0	5.45	5.65	5.85	5.95	6.15	6.45	6.55	5.85	4.65	4.15	2.50	「彼を考りた
62.0	4.95	5.15	5.30	5.40	5.60	5.95	6.05	5.75	4.55	4.10	2.45	
64.0	4.50	4.65	4.80	4.95	5.15	5.40	5.55	5.65	4.50	4.10	2.40	
66.0	4.05	4.20	4.30	4.50	4.65	4.90	5.05	5.45	4.45	4.05	2.35	
68.0	3.65	3.80	3.90	4.05	4.25	4.45	4.65	5.00	4.35	4.00	2.30	
70.0	68.8×3.50	69.0×3.60	69.5×3.55	3.65	3.85	4.00	4.20	4.55	4.30	4.00	2.25	127 中市市
72.0				3.30	3.45	3.60	3.85	4.10	4.15	3.95	2.25	
74.0				2.95	3.10	3.20	3.45	3.70	3.80	3.95	2.20	
76.0				74.6×2.85	74.8×3.00	75.5×2.95	3.15	3.35	3.45	3.80		
78.0							2.80	2.95	3.10	3.40		
80.0	· ···································	「市長市市市		******		1 and the second	2.50	2.65	2.80	3.05	四日 化分子	*****
82.0							80.6×2.40	81.5×2.40	2.50	2.75		
84.0									2.20	2.40		
85.3										2.20		

Main Boom Length (m)	and a second of				2200000	10 St 10 St 10 St	6	化合金 化合合金	10225	化化化化学 法法	1.10.10-10-10-10-1	10.0.00.00.00.00
Jib Boom Length (m)		13			19	前 医 臣 新 夜 前		5		1 4 4 4 4 4 4	and the second second second second	7
Offset Angle (°)	6.00 B.B. 8 A		30		5	30	15	30	15	30	15	30
Working Radius (m)		1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reevin
18.5	25.00	13.00										
20.0	23.70	13.00	21.6×13.00	21.0×18.00	21.3×13.00	o a second			No. a to the state	1000000		
22.0	21.85	13.00	13.00	18.00	13.00		23.9×12.00					
24.0	20.15	13.00	13.00	17.90	13.00	25.5×10.60	12.00					
26.0	18.70	13.00	13.00	17.50	13.00	10.60	11.70		26.4×6.90			
28.0	17.35	13.00	12.75	17.10	13.00	10.25	11.45	29.4×8.40	6.75		28.9×3.95	
30.0	16.15	13.00	12.40	16.30	13.00	10.00	11.15	8.35	6.55		3.90	2.2.2.1.5
32.0	15.05	13.00	12.10	15.20	13.00	9.70	10.90	8.15	6.35	33.2×5.10	3.75	
34.0	14.05	13.00	11.80	14.20	13.00	9.45	10.70	7.90	6.20	5.10	3.65	
36.0	13.10	12.65	11.55	13.30	12.85	9.25	10.45	7.70	6.05	5.00	3.55	37.1×2.7
38.0	12.25	11.85	11.30	12.45	12.10	9.00	10.25	7.50	5.90	4.90	3.40	2.70
40.0	11.45	11.10	11.05	11.65	11.35	8.80	10.05	7.30	5.75	4.80	3.30	2.60
42.0	10.70	10.40	10.70	10.90	10.65	8.60	9.85	7.10	5.65	4.75	3.25	2.55
44.0	10.00	9.75	10.05	10.25	10.00	8.40	9.70	6.95	5.50	4.65	3.15	2.50
46.0	9.35	9.15	9.40	9.60	9.40	8.25	9.50	6.80	5.40	4.60 ·	3.05	2.45
48.0	8.75	8.60	8.80	9.00	8.85	8.10	9.05	6.65	5.25	4.50	2.95	2.40
50.0	8.15	8.05	8.25	8.40	8.30	7.95	8.50	6.50	5.15	4.45	2.90	2.35
52.0	7.55	7.50	7.75	7.90	7.80	7.80	8.00	6.35	5.05	4.40	2.80	2.30
54.0	6.90	7.00	7.20	7.35	7.30	7.60	7.55	6.25	4.95	4.35	2.75	2.25
56.0	6.30	6.50	6.75	6.80	6.85	7.15	7.10	6.15	4.85	4.30	2.65	2.20
58.0	5.70	5.90	6.15	6.20	6.40	6.70	6.65	6.00	4.80	4.25	2.60	
60.0	5.15	5.35	5.55	5.65	5.85	6.25	6.25	5.90	4.70	4.20	2.55	the state of the state
62.0	4.65	4.85	5.05	5.10	5.35	5.65	5.75	5.80	4.65	4.15	2.50	
64.0	4.20	4.35	4.55	4.65	4.85	5.15	5.25	5.75	4.55	4.10	2.45	
66.0	3.75	3.90	4.05	4.20	4.40	4.65	4.80	5.20	4.50	4.05	2.40	
68.0	3.35	3.50	3.60	3.75	3.95	4.20	4.35	4.75	4.40	4.05	2.35	
70.0	2.95	3.10	3.20	3.35	3.55	3.75	3.95	4.30	4.30	4.00	2.30	S. S. S. S. S.
72.0	71.4×2.70	71.6×2.80	2.80	3.00	3.20	3.35	3.55	3.85	3.90	4.00	2.25	
74.0			72.1×2.80	2.65	2.80	2.95	3.20	3.45	3.50	3.95	2.20	
76.0				75.5×2.40	2.50	2.60	2.85	3.10	3.15	3.55		
78.0					76.5×2.40	77.1×2.40	2.50	2.75	2.85	3.20		
80.0		100 00 00 000	*****	and the second			78.6×2.40	2.40	2.50	2.85	10.00.00	
82.0			and the second second						2.20	2.50		Street, Street
84.0										2.20		

%See notes on page 16.

75% Tipping Load ■ Crane Ratings (Jib in 360° Working Area): With Mast (5)

Main Boom Length (m)	4.8 + 9 + 7	20000000	a a to the to the	222223	1.11.11.11.11.11.11.11	e	69		the section of the	and the second	1.00725	1.000
Jib Boom Length (m)	C. S. S. S. S.	13	1-2000	日本市大学	19	1	1.00 million (1.00 million) (2.00 mi	25	And the second second	31	3	37
Offset Angle (°)		5	30	15 5 5 5 4 A	5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving
19.0	22.60	19.3×13.00										
20.0	21.65	13.00	1日, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	21.6×18.00	21.8×13.00	11日日の 日月	123323		Statistics and	1-2-2-0-0-1	and the second second	AND LOOP
22.0	19.85	13.00	22.2×13.00	18.00	13.00		· · · · · · · · · · · · · · · · · · ·					
24.0	18.30	13.00	13.00	18.00	13.00		24.4×12.00					
26.0	16.90	13.00	13.00	17.05	13.00	10.60	11.80		26.9×6.90			
28.0	15.65	13.00	12.85	15.80	13.00	10.35	11.50	29.9×8.40	6.80		29.4×3.95	
30.0	14.55	13.00	12.50	14.70	13.00	10.05	11.25	8.40	6.60	A State of the second second	3.90	122000
32.0	13.50	13.00	12.20	13.65	13.00	9.80	11.00	8.20	6.40	33.7×5.10	3.80	
34.0	12.55	12.10	11.95	12.70	12.30	9.55	10.75	7.95	6.25	5.10	3.70	
36.0	11.65	11.30	11.65	11.85	11.50	9.30	10.55	7.75	6.10	5.00	3.55	37.6×2.70
38.0	10.85	10.55	10.85	11.05	10.80	9.10	10.35	7.55	5.95	4.90	3.45	2.70
40.0	10.10	9.85	10.15	10.30	10.10	8.90	10.15	7.35	5.80	4.85	3.35	2.65
42.0	9.40	9.20	9.50	9.60	9.45	8.70	9.60	7.20	5.70	4.75	3.25	2.55
44.0	8.75	8.60	8.85	9.00	8.85	8.50	9.00	7.05	5.55	4.70	3.15	2.50
46.0	8.15	8.00	8.30	8.40	8.25	8.35	8.45	6.85	5.45	4.60	3.10	2.45
48.0	7.55	7.50	7.75	7.80	7.75	8.10	7.95	6.70	5.35	4.55	3.00	2.40
50.0	7.00	6.95	7.20	7.30	7.25	7.60	7.45	6.60	5.20	4.45	2.90	2.35
52.0	6.50	6.50	6.70	6.75	6.75	7.10	6.95	6.45	5.10	4.40	2.85	2.30
54.0	6.05	6.00	6.25	6.30	6.30	6.60	6.50	6.30	5.00	4.35	2.75	2.25
56.0	5.60	5.60	5.80	5.85	5.85	6.20	6.10	6.20	4.95	4.30	2.70	2.25
58.0	5.15	5.15	5.35	5.40	5.45	5.75	5.70	6.10	4.85	4.25	2.65	2.20
60.0	4.75	4.80	4.95	5.00	5.05	5.35	5.30	5.70	4.75	4.20	2.60	TTORES
62.0	4.35	4.40	4.55	4.65	4.70	4.95	4.95	5.30	4.70	4.15	2.55	
64.0	4.00	4.05	4.20	4.25	4.35	4.60	4.60	4.95	4.60	4.10	2.45	
66.0	3.55	3.70	3.80	3.90	4.00	4.25	4.25	4.60	4.45	4.10	2.40	
68.0	3.15	3.35	3.45	3.60	3.70	3.90	3.95	4.25	4.15	4.05	2.35	
70.0	2.80	2.95	3.05	3.20	3.35	3.55	3.60	3.90	3.85	4.00	2.35	100 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
72.0	2.45	2.60	2.70	2.80	3.00	3.25	3.35	3.60	3.55	3.90	2.30	
74.0	72.2×2.40	73.1×2.40	73.5×2.40	2.50	2.65	2.85	3.05	3.30	3.25	3.60	2.25	
76.0				74.5×2.40	75.6×2.40	2.50	2.70	2.95	3.00	3.30	2.20	
78.0						76.5×2.40	77.7×2.40	2.60	2.70	3.00		
80.0	222344	法法法法书法	855022	1. 10 10 10 10 10	1000000	Service a	******	79.1×2.40	2.35	2.70	THE R & N	DESCRIPTION OF STREET
82.0									81.0×2.20	2.40		
83.1										2.20		

Main Boom Length (m)	1. 田田田市市市	2	(是我的世界)	Sec.es	446478	7	2	·····································	学生我的学生。	化干的用于肉素	1233.2.4	N S S S S S S
Jib Boom Length (m)	122244	13	122240	2. 田子子子子	19	1115444	2	5	3	1		7
Offset Angle (°)		5	30		5	30	15	30	15	30	15	30
Working Radius (m)	2 rope reevings	1 rope reeving	1 rope reeving	2 rope reevings	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reeving	1 rope reevin
19.5	19.60	19.8×13.00	ALC: NOT THE REAL PROPERTY OF			TT THE VIEW				1000		
20.0	19.15	13.00	金原軍 四布月	and the second	等 医 的 的 的	「中午午日日」	1222224	1200000	化化学会 医子宫	十十十月代天日	133338	化生活水平
22.0	17.50	13.00	22.7×13.00	22.1×17.55	22.4×13.00		1.1.1.1.2.1.1.1.1	121 2 10 2	all an and the			
24.0	16.05	13.00	13.00	16.20	13.00	1.211	24.9×12.00	20120				
26.0	14.75	13.00	13.00	14.90	13.00	26.5×10.60	11.85		27.4×6.85			
28.0	13.60	13.00	12.95	13.75	13.00	10.40	11.60	1.	6.80			
30.0	12.55	12.10	12.45	12.70	12.30	10.15	11.30	30.4×8.40	6.65	等等 等 清 一 一	3.95	12224
32.0	11.55	11.20	11.55	11.75	11.40	9.90	11.10	8.25	6.45	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	3.80	
34.0	10.70	10.40	10.75	10.90	10.60	9.65	10.75	8.00	6.30	34.3×5.10	3.70	
36.0	9.90	9.65	10.00	10.10	9.85	9.40	10.05	7.80	6.15	5.00	3.60	
38.0	9.15	8.95	9.25	9.35	9.15	9.20	9.35	7.60	6.00	4.95	3.50	38.1×2.70
40.0	8.45	8.30	8.60	8.65	8.55	9.00	8.70	7.45	5.85	4.85	3.40	2.65
42.0	7.80	7.70	8.00	8.00	7.95	8.35	8.10	7.25	5.75	4.75	3.30	2.60
44.0	7.20	7.10	7.40	7.40	7.35	7.80	7.55	7.10	5.60	4.70	3.20	2.50
46.0	6.60	6.60	6.85	6.85	6.85	7.25	7.05	6.95	5.50	4.65	3.10	2.45
48.0	6.10	6.10	6.35	6.35	6.35	6.75	6.55	6.80	5.40	4.55	3.05	2.40
50.0	5.60	5.60	5.85	5.85	5.90	6.25	6.10	6.60	5.25	4.50	2.95	2.35
52.0	5.10	5.15	5.40	5.40	5.45	5.80	5.65	6.10	5.15	4.45	2.90	2.35
54.0	4.70	4.75	4.95	4.95	5.00	5.35	5.25	5.70	5.05	4.40	2.80	2.30
56.0	4.25	4.35	4.55	4.55	4.60	4.95	4.85	5.30	5.00	4.30	2.75	2.25
58.0	3.85	3.95	4.15	4.15	4.25	4.55	4.45	4.90	4.65	4.25	2.70	2.20
60.0	3.50	3.60	3.80	3.75	3.90	4.15	4.10	4.50	4.30	4.20	2.60	
62.0	3.15	3.25	3.40	3.40	3.55	3.80	3.80	4.15	3.95	4.20	2.55	
64.0	2.80	2.90	3.05	3.10	3.20	3.45	3.45	3.80	3.65	4.10	2.50	
66.0	2.45	2.60	2.75	2.75	2.90	3.15	3.15	3.50	3.35	3.80	2.45	
68.0	66.3×2.40	67.3×2.40	2.40	2.45	2.60	2.85	2.85	3.15	3.05	3.45	2.40	
70.0	a de la caracteria	·····································	TIGENS	68.3×2.40	69.3×2.40	2.50	2.55	2.85	2.75	3.15	2.35	四次のため
72.0						70.8×2.40	71.2×2.40	2.60	2.50	2.85	2.30	
74.0								73.3×2.40	2.25	2.60	2.25	
76.0									74.4×2.20	2.35	75.0×2.20	
77.0										2.20		

See notes on page 16.

75% Tipping Load Main Boom with Jib in 360° Working Area): Without Mast (1)

Main Boom Length (m)	御御御御御御	10 PT 10001	The second			5		********	R.S. & M.S. S. S. S.	日日的年轻之
Jib Boom Length (m)	and the second	13	「「「「」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」」	9	2	5		31	3	7
Offset Angle (°) Working Radius (m)	15	30	15	30	15	30	15	30	15	30
9.7	66.10	66.20	65.45	65.50	65.25	64.75	64.60	63.90	63.85	62.95
10.0	64.90	65.00	64.25	64.30	64.05	63.55	63.40	62.70	62.70	61.80
12.0	57.95	58.10	57.30	57.45	57.10	56.70	56.45	55.90	55.75	55.00
14.0	52.40	52.50	51.75	51.90	51.55	51.20	50.90	50.40	50.20	49.55
16.0	45.85	45.95	45.10	45.25	44.90	44.45	44.20	43.55	43.40	42.55
18.0	38.80	38.95	38.15	38.30	37.90	37.55	37.25	36.70	36.45	35.80
20.0	33.40	33.55	32.75	32.95	32.55	32.25	31.90	31.45	31.15	30.60
22.0	29.15	29.30	28.50	28.70	28.35	28.05	27.70	27.30	27.00	26.50
24.0	25.70	25.90	25.10	25.30	24.90	24.65	24.25	23.95	23.60	23.20
26.0	22.85	23.05	22.25	22.50	22.05	21.90	21.45	21.20	20.80	20.45
28.0	20.45	20.65	19.90	20.15	19.70	19.55	19.10	18.90	18.45	18.20
30.0	18.45	18.65	17.90	18.10	17.70	17.55	17.10	16.95	16.45	16.25
32.0	16.70	16.90	16.15	16.40	15.95	15.85	15.40	15.25	14.75	14.60
34.0	15.20	15.40	14.70	14.90	14.45	14.40	13.90	13.80	13.30	13.15
36.0	13.90	14.10	13.40	13.60	13.15	13.10	12.60	12.55	12.05	11.95
38.0	12.75	12.95	12.25	12.50	12.00	12.00	11.50	11.45	10.80	10.75
40.0	11.55	11.70	10.95	11.20	10.65	10.60	10.00	10.00	9.35	9.30
40.6	11.10	11.30	10.55	10.75	10.20	10.20	9.60	9.55	8.90	8.90

Main Boom Length (m)	Sec. and		and some of the set	Wetter Barton	Carle and the et	8	Same and the set	14-18-18-18-18-18-18-18-18-18-18-18-18-18-	二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二	Same to be
Jib Boom Length (m)		3	「市」の語った見てい	9	production of the second	25			3	7
Offset Angle (°) Working Radius (m)	15	30	15	30	15	30	15	30	15	30
10.2	59.15	59.25	58.50	58.55	58.30	57.80	57.65	57.00	56.95	56.10
12.0	53.35	53.45	52.70	52.80	52.55	52.10	51.90	51.30	51.20	50.45
14.0	48.15	48.25	47.50	47.65	47.30	46.95	46.70	46.20	46.00	45.35
16.0	43.85	44.00	43.20	43.35	43.00	42.70	42.40	41.95	41.70	41.15
18.0	38.60	38.75	37.95	38.10	37.75	37.35	37.10	36.55	36.35	35.65
20.0	33.20	33.35	32.60	32.75	32.40	32.05	31.75	31.30	31.00	30.45
22.0	28.95	29.10	28.35	28.55	28.15	27.85	27.50	27.15	26.80	26.35
24.0	25.50	25.65	24.90	25.10	24.70	24.45	24.10	23.75	23.40	23.00
26.0	22.65	22.80	22.05	22.25	21.85	21.65	21.25	21.00	20.60	20.25
28.0	20.25	20.40	19.65	19.90	19.50	19.30	18.90	18.65	18.25	17.95
30.0	18.20	18.40	17.65	17.90	17.45	17.30	16.90	16.70	16.25	16.00
32.0	16.45	16.65	15.90	16.15	15.75	15.60	15.15	15.00	14.55	14.35
34.0	14.95	15.15	14.40	14.65	14.20	14.10	13.65	13.55	13.10	12.90
36.0	13.65	13.80	13.10	13.35	12.90	12.80	12.35	12.25	11.80	11.65
38.0	12.45	12.65	11.95	12.20	11.75	11.70	11.20	11.15	10.65	10.55
40.0	11.45	11.60	10.95	11.15	10.75	10.70	10.20	10.15	9.55	9.50
42.0	10.40	10.55	9.80	10.05	9.50	9.50	8.90	8.85	8.25	8.20
43.2	9.65	9.80	9.05	9.30	8.75	8.75	8.15	8.15	7.50	7.50

Main Boom Length (m)		Personal Contraction	SARABE F	2 4 7 7 7 7 7 7 T		51	A 10 10 10 10 10 10 10 10 10 10 10 10 10	P. 9. 9		W B B B B B B B B B B B B B B B B B B B
Jib Boom Length (m)		13	1. 林本州中市11	9	三字 学 学 学 学 で う	25	3		1	37
Offset Angle (°) Working Radius (m)	15	30	15	30	15	30	15	30	15	30
10.8	53.10	53.20	52.45	52.55	52.30	51.80	51.65	51.00	50.95	50.10
12.0	49.55	49.65	48.90	49.00	48.75	48.30	48.10	47.50	47.40	46.65
14.0	44.55	44.70	43.95	44.10	43.75	43.40	43.15	42.65	42.50	41.80
16.0	40.50	40.65	39.85	40.05	39.70	39.35	39.10	38.60	38.40	37.80
18.0	37.05	37.20	36.45	36.65	36.25	35.95	35.65	35.25	35.00	34.45
20.0	33.00	33.15	32.35	32.55	32.20	31.85	31.55	31.05	30.85	30.25
22.0	28.70	28.90	28.10	28.30	27.95	27.65	27.30	26.90	26.65	26.10
24.0	25.25	25.45	24.65	24.85	24.50	24.25	23.90	23.55	23.25	22.80
26.0	22.40	22.60	21.80	22.05	21.65	21.45	21.05	20.75	20.40	20.05
28.0	20.00	20.20	19.45	19.65	19.25	19.10	18.70	18.45	18.05	17.75
30.0	17.95	18.15	17.40	17.65	17.25	17.10	16.70	16.45	16.05	15.80
32.0	16.20	16.40	15.65	15.90	15.50	15.35	14.95	14.75	14.35	14.10
34.0	14.70	14.90	14.15	14.40	14.00	13.85	13.45	13.30	12.85	12.65
36.0	13.35	13.55	12.85	13.10	12.65	12.55	12.15	12.00	11.55	11.40
38.0	12.20	12.40	11.70	11.95	11.50	11.45	11.00	10.90	10.40	10.30
40.0	11.15	11.35	10.65	10.90	10.45	10.40	9.95	9.90	9.40	9.25
42.0	10.25	10.45	9.75	10.00	9.55	9.50	9.05	9.00	8.35	8.25
44.0	9.35	9.50	8.75	9.00	8.50	8.45	7.90	7.85	7.25	7.20
45.8	8.30	8.50	7.75	8.00	7.45	7.45	6.90	6.85	6.25	6.25

Notes: 1. The rated loads shown do not exceed 75% of tipping load with the machine on firm level ground, and are not less than 1.15 times over-front stability stipulated by the mobile crane construction standards. 2. The load to be actually lifted will be the rated load shown minus the weight of all lifting attachments such as a hook.

Aux. Hook Capacity (ton) Aux. Hook Weight (ton) 0.85

25 (2 rope reevings)

13 (1 rope reeving) 3. Working radius is the horizontal distance from the swing center to the center of gravity of a lifted load.

0.50

4. Jib offset angle is under the loaded condition.
5. Figures described as OO×OO in the tables indicate working radius (m) × rated load (ton).
6. The counterweight is 81.6 ton (Upper: 79.2 ton/ Lower: 2.4 ton).
7. Be sure to fully extend the side frames before operating the machine.
8. Correlation among the number of rope reevings maximum rated loads and hook weights are shown in the table below.

Hook Capacity	Hook Weight	a state of the group of	and the second second second second	Maximum Ra	ted Load (ton)	the second second second second second	and the second second second
(ton)	(ton)		5 Rope reevings	4 Rope reevings	3 Rope reevings	2 Rope reevings	1 Rope reeving
100	1.40	66.2	62.5	50.0		-	
60	1.20	_	60.0	50.0	37.5	25.0	
25	0.85				-	25.0	—

75% Tipping Load ■Crane Ratings (Main Boom with Jib in 360° Working Area): Without Mast (2)

Unit: ton

Main Boom Length (m) Jib Boom Length (m)		13	2000000	19		54 25	A Real Property in the second	31	1.2.2.2.2.2.2	37
Offset Angle (°)	the same same care and the care of				and the second second second		and the second s	17-18-18-18-18-18-18-18-18-18-18-18-18-18-	1000	And the second second second
Working Radius (m)	15	30	15	30	15	30	15	30	15	30
11.3	47.35	47.45	46.70	46.80	46.55	46.10	45.90	45.30	45.25	44.40
12.0	45.45	45.60	44.85	44.95	44.70	44.25	44.05	43.45	43.40	42.60
14.0	40.85	40.95	40.20	40.35	40.05	39.65	39.45	38.90	38.80	38.10
16.0	37.00	37.20	36.40	36.60	36.25	35.90	35.65	35.20	35.00	34.40
18.0	33.85	34.00	33.25	33.40	33.05	32.75	32.45	32.05	31.80	31.30
20.0	31.10	31.25	30.50	30.70	30.35	30.05	29.75	29.40	29.10	28.65
22.0	28.60	28.80	28.00	28.20	27.85	27.55	27.25	26.85	26.60	26.05
24.0	25.15	25.35	24.55	24.80	24.40	24.15	23.85	23.45	23.20	22.70
26.0	22.30	22.50	21.75	21.95	21.55	21.35	21.00	20.70	20.35	19.95
28.0	19.90	20.10	19.35	19.55	19.20	19.00	18.60	18.35	18.00	17.65
30.0	17.85	18.05	17.30	17.55	17.15 15.40	17.00 15.25	16.60 14.85	16.35 14.65	16.00	15.70
32.0 34.0	16.10	16.30 14.75	15.55 14.05	15.80 14.30	13.90	13.75	13.35	13.20	14.25	14.00 12.55
36.0	14.55 13.25	13.40	14.05	12.95	12.55	12.45	12.05	11.90	11.45	11.30
38.0	12.05	12.25	11.55	11.80	11.40	11.30	10.85	10.75	10.30	10.15
40.0	11.00	11.20	10.50	10.75	10.35	10.25	9.85	9.75	9.20	9.05
42.0	10.10	10.25	9.60	9.85	9.40	9.35	8.85	8.75	8.15	8.05
44.0	9.25	9.45	8.80	9.00	8.55	8.50	7.90	7.85	7.20	7.15
46.0	8.45	8.65	7.90	8.15	7.60	7.60	7.05	7.00	6.40	6.35
48.0	7.45	7.60	6.90	7.10	6.60	6.60	6.05	6.00	5.40	5.40
48.4	7.25	7.40	6.70	6.90	6.40	6.40	5.85	5.85	5.20	5.20
lain Boom Length (m)	*******	2222222	11111		22222222	57	11222200	1212084	CTO	14404
Jib Boom Length (m)		3	10000	19		25	*****	31		37
Offset Angle (°)	15	30	15	30	15	30	15	30		
Working Radius (m)	15	化化合金 医子子	- 他是要你会 (1)	30	15	10 - 0 - 10 - 10 - 10 - 10 - 10 - 10 -	10	30	15	30
11.8	42.60	42.75	42.00	42.10	41.85	41.40	41.20	40.60	40.55	39.75
12.0	42.10	42.25	41.50	41.60	41.35	40.90	40.70	40.10	40.05	39.25
14.0	37.70	37.85	37.10	37.20	36.95	36.55	36.30	35.80	35.65	34.95
16.0	34.05	34.25	33.45	33.65	33.30	32.95	32.70	32.25	32.05	31.45
18.0	31.05	31.20	30.45	30.60	30.30	29.95	29.70	29.25	29.05	28.50
20.0	28.45	28.60	27.85	28.05	27.70	27.40	27.10	26.75	26.50	26.00
22.0	26.20	26.40	25.60	25.80	25.45	25.20	24.85	24.55	24.25	23.80
24.0	24.20	24.40	23.65	23.85	23.50	23.25	22.90	22.60	22.30	21.90
26.0	22.00	22.20	21.45	21.65	21.30	21.05	20.70	20.40	20.10	19.70
28.0	19.60	19.80	19.05	19.25	18.90	18.70	18.35	18.05	17.75	17.40
30.0	17.55	17.75	17.00	17.25	16.85	16.70	16.30	16.05	15.70	15.40
32.0	15.75	15.95	15.25	15.50	15.10	14.95	14.55	14.35	14.00	13.70
34.0	14.25	14.45	13.75	13.95	13.60	13.45	13.05	12.85	12.50	12.25
36.0	12.90	13.10	12.40	12.65	12.25	12.15	11.70	11.55	11.15	10.95
38.0	11.70	11.90	11.20	11.45	11.05	10.95	10.55	10.45	10.00	9.80
40.0 42.0	10.65 9.75	10.85 9.95	10.20 9.25	10.40 9.50	10.00 9.10	9.95 9.00	9.50	9.35	8.80	8.65
44.0	8.90	9.95	8.40	8.65	8.10	8.05	8.45 7.50	8.35 7.40	7.75	7.60
46.0	8.15	8.35	7.55	7.80	7.25	7.20	6.65	6.55	5.95	5.85
48.0	7.35	7.55	6.75	7.00	6.50	6.45	5.85	5.80	5.20	5.15
50.0	6.45	6.65	5.90	6.15	5.65	5.65	5.10	5.05	4.50	4.45
51.0	6.00	6.20	5.50	5.70	5.20	5.20	4.65	4.65	4.05	4.05
51.0	0.00	0.20	0.00	5.70	0.20	5.20	4.00	4.05	4.05	4.00
lain Boom Length (m)						60				
Jib Boom Length (m)		3	1-2	19		25	1	81		37
Offset Angle (°)	20000000	the second second second					the second s	3.0.5 8.3 9.3	1.000	222222
Working Radius (m)	15	30	15	30	15	30	15	30	15	30
12.3	38.15	38.25	37.50	37.65	37.40	36.95	36.75	36.15	36.10	35.30
14.0	34.60	34.80	34.00	34.15	33.90	33.50	33.30	32.75	32.65	31.90
16.0	31.20	31.35	30.60	30.75	30.45	30.10	29.85	29.35	29.20	28.60
18.0	28.30	28.50	27.70	27.90	27.55	27.25	27.00	26.55	26.35	25.80
20.0	25.85	26.05	25.25	25.45	25.15	24.85	24.55	24.15	23.90	23.45
22.0	23.75	23.95	23.15	23.40	23.00	22.75	22.45	22.10	21.80	21.40
24.0	21.85	22.10	21.30	21.55	21.15	20.95	20.60	20.30	20.00	19.60
26.0	20.25	20.45	19.65	19.90	19.50	19.30	18.95	18.70	18.35	18.00
28.0	18.75	19.00	18.20	18.45	18.05	17.85	17.50	17.25	16.90	16.60
30.0	17.30	17.50	16.75	17.00	16.65	16.45	16.10	15.85	15.50	15.20
32.0	15.50	15.75	15.00	15.25	14.85	14.70	14.35	14.10	13.75	13.50
34.0	14.00	14.20	13.50	13.70	13.35	13.20	12.80	12.65	12.25	12.00
36.0	12.65	12.85	12.15	12.40	12.00	11.90	11.50	11.35	10.95	10.75
38.0	11.45	11.65	10.95	11.20	10.85	10.70	10.30	10.20	9.70	9.45
40.0	10.40	10.60	9.95	10.15	9.80	9.70	9.20	9.05	8.50	8.30
42.0	9.45	9.65	9.00	9.25	8.75	8.65	8.15	8.00	7.45	7.25
44.0	8.65	8.85	8.05	8.30	7.80	7.70	7.15	7.05	6.50	6.35
46.0	7.80	8.00	7.20	7.45	6.90	6.85	6.30	6.20	5.65	5.50
48.0	7.00	7.20	6.40	6.65	6.15	6.10	5.50	5.45	4.85	4.80
	6.30	6.50	5.70	5.95	5.45	5.40	4.80	4.80	4.20	4.10
50.0	0.30									
50.0 52.0	5.60	5.80 5.15	5.10 4.45	5.30 4.70	4.80 4.20	4.75 4.20	4.20	4.15	3.55	3.50

53.6 See notes on page 21.

75% Tipping Load ■Crane Ratings (Main Boom with Jib in 360° Working Area): Without Mast (3)

Main Boom Length (m)		States and the second	and the second second second	a a second second	e de la compañía de l	3	1. 1. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	********	市大市市市市市	a la
Jib Boom Length (m)	Work and an an at	3	State of the state of the	9	2	5	3	1	3	7
Offset Angle (°)	15	30	15	30	15	30	15	30	15	30
Working Radius (m)	10	30	A real for the second second	30	·····································	the state of the s	the second second second			30
12.9	33.45	33.60	32.85	32.95	32.70	32.30	32.10	31.55	31.50	30.70
14.0	31.40	31.55	30.80	30.95	30.70	30.30	30.10	29.55	29.45	28.75
16.0	28.20	28.40	27.60	27.80	27.50	27.15	26.90	26.45	26.30	25.65
18.0	25.55	25.75	24.95	25.15	24.85	24.50	24.25	23.85	23.65	23.10
20.0	23.25	23.45	22.70	22.90	22.55	22.30	22.00	21.60	21.40	20.90
22.0	21.30	21.50	20.75	20.95	20.60	20.35	20.05	19.70	19.45	19.00
24.0	19.60	19.80	19.00	19.25	18.90	18.65	18.35	18.00	17.75	17.35
26.0	18.05	18.25	17.50	17.75	17.35	17.15	16.80	16.55	16.20	15.85
28.0	16.70	16.90	16.15	16.40	16.00	15.80	15.45	15.20	14.85	14.55
30.0	15.45	15.70	14.90	15.15	14.80	14.60	14.25	14.00	13.65	13.35
32.0	14.35	14.55	13.80	14.05	13.65	13.50	13.10	12.90	12.55	12.30
34.0	13.35	13.55	12.80	13.05	12.65	12.50	12.10	11.95	11.55	11.30
36.0	12.40	12.60	11.85	12.10	11.70	11.60	11.15	11.00	10.60	10.40
38.0	11.25	11.50	10.80	11.05	10.65	10.55	10.15	9.95	9.45	9.20
40.0	10.20	10.40	9.75	10.00	9.60	9.45	8.95	8.75	8.25	8.05
42.0	9.25	9.45	8.70	9.00	8.50	8.40	7.85	7.70	7.20	7.00
44.0	8.35	8.60	7.75	8.00	7.50	7.40	6.90	6.75	6.20	6.05
46.0	7.45	7.70	6.85	7.15	6.65	6.55	6.00	5.90	5.35	5.20
48.0	6.65	6.90	6.10	6.35	5.85	5.75	5.20	5.15	4.55	4.45
50.0	5.95	6.15	5.35	5.60	5.10	5.05	4.50	4.45	3.85	3.80
52.0	5.30	5.50	4.70	4.95	4.45	4.40	3.85	3.80	3.20	3.15
54.0	4.70	4.90	4.15	4.40	3.85	3.85	3.25	3.25	2.65	2.60
56.0	4.10	4.25	3.55	3.80	3.30	3.30	2.70	2.70	55.1×2.20	55.0×2.20
56.2	4.00	4.20	3.45	3.75	3.20	3.20	2.60	2.60		

a notes on page 21.

75% Tipping Load ■ Crane Ratings (Main Boom with Jib in 360° Working Area): With Mast (1)

Unit: ton

Main Boom Length (m)		和 田田 田田 田田 田田	******		a second second	5	Contraction of the local distance of the loc	8.9.68.87	Wat water	and the second sec
Jib Boom Length (m)		13	No and Advant	9	and the second second	25	and the second	31	a second	7
Offset Angle (°) Working Radius (m)	15	30	15	30	15	30	15	30	15	30
9.7	68.50	68.60	67.90	67.95	67.70	67.20	67.05	66.35	66.35	65.45
10.0	67.35	67.45	66.70	66.75	66.50	66.00	65.85	65.20	65.15	64.30
12.0	60.40	60.50	59.75	59.85	59.55	59.10	58.90	58.35	58.20	57.45
14.0	54.65	54.80	54.05	54.15	53.85	53.45	53.20	52.70	52.50	51.85
16.0	46.85	47.00	46.15	46.30	45.95	45.45	45.20	44.60	44.40	43.60
18.0	39.65	39.80	39.00	39.15	38.80	38.40	38.10	37.55	37.30	36.65
20.0	34.15	34.30	33.50	33.65	33.30	32.95	32.60	32.20	31.90	31.30
22.0	29.75	29.95	29.15	29.35	28.95	28.65	28.30	27.95	27.60	27.10
24.0	26.25	26.40	25.60	25.85	25.40	25.20	24.80	24.50	24.10	23.70
26.0	23.30	23.50	22.70	22.95	22.50	22.30	21.90	21.65	21.25	20.90
28.0	20.85	21.05	20.30	20.50	20.10	19.90	19.50	19.25	18.85	18.55
30.0	18.80	18.95	18.20	18.45	18.00	17.90	17.45	17.25	16.80	16.60
32.0	17.00	17.15	16.45	16.70	16.25	16.15	15.65	15.50	15.05	14.85
34.0	15.45	15.60	14.90	15.15	14.70	14.60	14.15	14.05	13.55	13.40
36.0	14.10	14.25	13.55	13.80	13.35	13.30	12.80	12.70	12.20	12.10
38.0	12.90	13.10	12.40	12.65	12.15	12.15	11.65	11.60	11.05	11.00
40.0	11.90	12.05	11.40	11.60	11.15	11.10	10.60	10.60	10.05	10.00
40.6	11.60	11.75	11.10	11.30	10.85	10.85	10.35	10.30	9.75	9.75

Main Boom Length (m)	48											
Jib Boom Length (m)	化化学 医闭口的	13		9	10100112	25		81	3	7		
Offset Angle (°) Working Radius (m)	15	30	15	30	15	30	15	30	15	30		
10.2	61.55	61.65	60.90	61.00	60.75	60.25	60.10	59.45	59.40	58.55		
12.0	55.75	55.90	55.15	55.25	54.95	54.55	54.30	53.75	53.65	52.90		
14.0	50.45	50.60	49.85	49.95	49.65	49.25	49.00	48.50	48.35	47.70		
16.0	45.95	46.10	45.35	45.50	45.15	44.85	44.55	44.10	43.90	43.30		
18.0	39.50	39.65	38.85	39.00	38.65	38.25	38.00	37.45	37.25	36.55		
20.0	33.95	34.15	33.35	33.50	33.15	32.80	32.50	32.05	31.80	31.20		
22.0	29.60	29.75	29.00	29.20	28.80	28.50	28.15	27.80	27.45	27.00		
24.0	26.05	26.25	25.45	25.65	25.25	25.05	24.65	24.35	24.00	23.55		
26.0	23.10	23.30	22.55	22.75	22.35	22.15	21.75	21.50	21.10	20.75		
28.0	20.65	20.85	20.10	20.30	19.90	19.75	19.30	19.10	18.70	18.40		
30.0	18.55	18.75	18.00	18.25	17.80	17.70	17.25	17.05	16.65	16.40		
32.0	16.75	16.95	16.25	16.45	16.05	15.90	15.50	15.30	14.85	14.65		
34.0	15.20	15.40	14.70	14.90	14.50	14.40	13.95	13.80	13.35	13.20		
36.0	13.85	14.05	13.35	13.55	13.15	13.05	12.60	12.50	12.00	11.90		
38.0	12.65	12.85	12.15	12.35	11.95	11.85	11.40	11.35	10.85	10.75		
40.0	11.60	11.75	11.10	11.30	10.90	10.85	10.35	10.30	9.80	9.75		
42.0	10.65	10.80	10.15	10.40	9.95	9.90	9.45	9.40	8.80	8.75		
43.2	10.15	10.30	9.65	9.90	9.45	9.40	8.95	8.90	8.25	8.20		

Main Boom Length (m)	51											
Jib Boom Length (m)	112.111	13	1.15.10.00000000	19	FFFFFFFF 2	25	(原始進)原語原格。	1		7		
Offset Angle (°) Working Radius (m)	15	30	15	30	15	30	15	30	15	30		
10.8	55.50	55.60	54.85	54.95	54.70	54.25	54.05	53.45	53.40	52.55		
12.0	51.95	52.10	51.35	51.45	51.15	50.75	50.55	49.95	49.85	49.10		
14.0	46.90	47.05	46.30	46.45	46.10	45.75	45.50	45.00	44.85	44.20		
16.0	42.70	42.85	42.05	42.25	41.90	41.55	41.30	40.85	40.65	40.05		
18.0	39.05	39.25	38.45	38.65	38.30	38.00	37.70	37.25	37.05	36.35		
20.0	33.75	33.95	33.15	33.30	32.95	32.65	32.35	31.85	31.65	31.00		
22.0	29.40	29.55	28.80	29.00	28.60	28.30	28.00	27.60	27.30	26.80		
24.0	25.85	26.00	25.25	25.45	25.10	24.85	24.50	24.15	23.80	23.40		
26.0	22.90	23.10	22.35	22.55	22.15	21.95	21.55	21.30	20.95	20.55		
28.0	20.45	20.65	19.90	20.10	19.70	19.55	19.15	18.90	18.50	18.20		
30.0	18.35	18.55	17.80	18.05	17.65	17.45	17.05	16.85	16.45	16.20		
32.0	16.55	16.75	16.00	16.25	15.85	15.70	15.30	15.10	14.70	14.45		
34.0	15.00	15.15	14.45	14.70	14.30	14.15	13.75	13.60	13.15	12.95		
36.0	13.60	13.80	13.10	13.35	12.90	12.80	12.40	12.25	11.80	11.65		
38.0	12.40	12.60	11.90	12.15	11.70	11.65	11.20	11.10	10.65	10.50		
40.0	11.35	11.55	10.85	11.10	10.65	10.60	10.15	10.05	9.60	9.45		
42.0	10.40	10.55	9.90	10.15	9.70	9.65	9.20	9.15	8.50	8.45		
44.0	9.55	9.70	9.10	9.30	8.85	8.85	8.25	8.20	7.55	7.50		
45.8	8.90	9.05	8.40	8.60	8.10	8.10	7.50	7.45	6.80	6.80		

Notes: 1. The rated loads shown do not exceed 75% of tipping load with the machine on firm level ground, and are not less than 1.15 times over-front stability stipulated by the mobile crane construction standards. 2. The load to be actually lifted will be the rated load shown minus the weight of all lifting attachments such as a hook.

Aux. Hook Capacity (ton) Aux. Hook Weight (ton)

25 (2 rope reevings) 0.85 0.50

13 (1 rope reeving)

Working radius is the horizontal distance from the swing center to the center of gravity of a lifted load.
 Jib offset angle is under the loaded contilion.
 Figures described as OO×OO in the tables indicate working radius (m) × rated load (ton).
 The counterweight is 81.6 ton (Upper: 79.2 ton/ Lower: 2.4 ton).
 Be sure to fully extend the side frames before operating the machine.

8. Correlation among the number of rope reevings maximum rated loads and hook weights are shown in the table below.

Hook Capacity	Hook Weight											
(ton)	(ton)	6 Rope reevings	5 Rope reevings	4 Rope reevings	3 Rope reevings	2 Rope reevings	1 Rope reeving					
100	1.40	68.6	62.5	50.0	1							
60	1.20		60.0	50.0	37.5	25.0						
25	0.85			—	—	25.0	· · · · · ·					

75% Tipping Load ■Crane Ratings (Main Boom with Jib in 360° Working Area): With Mast (2)



Main Boom Length (m)	Charles and the	and the second second	10 m	at our owners and the set	10 10 10 10 10 10 10 10	54		2222224	a series as an area of	The second se
Jib Boom Length (m)	A REAL PROPERTY AND	13	····································	9	的軍軍軍軍軍軍軍	25	3	and the second second		7
Offset Angle (°) Working Radius (m)	15	30	15	30	15	30	15	30	15	30
11.3	49.65	49.75	49.05	49.15	48.85	48.40	48.25	47.65	47.60	46.80
12.0	47.80	47.90	47.20	47.30	47.00	46.60	46.40	45.80	45.75	45.00
14.0	43.10	43.25	42.50	42.65	42.35	41.95	41.75	41.25	41.10	40.45
16.0	39.20	39.35	38.60	38.75	38.45	38.10	37.85	37.40	37.20	36.60
18.0	35.85	36.00	35.25	35.45	35.10	34.80	34.50	34.10	33.85	33.35
20.0	32.95	33.10	32.35	32.55	32.20	31.90	31.60	31.25	30.95	30.50
22.0	29.35	29.50	28.75	28.90	28.55	28.25	27.95	27.55	27.30	26.75
24.0	25.75	25.95	25.20	25.40	25.05	24.75	24.45	24.10	23.80	23.35
26.0	22.85	23.00	22.25	22.50	22.10	21.90	21.55	21.25	20.90	20.50
28.0	20.35	20.55	19.80	20.05	19.65	19.45	19.10	18.80	18.45	18.15
30.0	18.25	18.45	17.70	17.95	17.55	17.40	17.00	16.80	16.40	16.10
32.0	16.45	16.65	15.90	16.15	15.75	15.60	15.20	15.05	14.65	14.40
34.0	14.90	15.10	14.35	14.60	14.20	14.05	13.65	13.50	13.10	12.90
36.0	13.50	13.70	13.00	13.25	12.85	12.70	12.30	12.15	11.75	11.55
38.0	12.30	12.50	11.80	12.05	11.60	11.55	11.10	11.00	10.55	10.40
40.0	11.20	11.40	10.75	10.95	10.55	10.45	10.05	9.95	9.45	9.30
42.0	10.25	10.45	9.80	10.00	9.60	9.55	9.05	9.00	8.35	8.25
44.0	9.40	9.60	8.95	9.15	8.75	8.65	8.10	8.00	7.40	7.30
46.0	8.65	8.80	8.15	8.40	7.85	7.80	7.20	7.15	6.55	6.45
48.0	7.95	8.10	7.35	7.60	7.05	7.00	6.40	6.40	5.75	5.70
48.4	7.80	7.95	7.20	7.45	6.90	6.85	6.25	6.25	5.60	5.60

Main Boom Length (m)	(水水)年月四日日	2月日の日子 クラ	*******	1月1日日本市 内下		57	*****		1. 大学生的 1. 化学生	11-11-11-11-11-11-11-11-11-11-11-11-11-
Jib Boom Length (m)	8-1-F-1-1-1	3	1	9	win war war a	25		1		37
Offset Angle (°) Working Radius (m)	15	30	15	30	15	30	15	30	15	30
11.8	44.90	45.05	44.30	44.40	44.15	43.70	43.55	42.95	42.90	42.10
12.0	44.40	44.55	43.80	43.90	43.65	43.20	43.05	42.45	42.40	41.60
14.0	39.95	40.10	39.35	39.50	39.20	38.85	38.60	38.10	38.00	37.30
16.0	36.25	36.40	35.65	35.80	35.50	35.15	34.90	34.45	34.30	33.70
18.0	33.05	33.25	32.50	32.65	32.35	32.05	31.75	31.35	31.10	30.60
20.0	30.30	30.50	29.75	29.95	29.60	29.30	29.00	28.65	28.40	27.90
22.0	27.90	28.10	27.30	27.55	27.15	26.95	26.60	26.25	26.00	25.55
24.0	25.50	25.70	24.90	25.15	24.80	24.50	24.20	23.85	23.55	23.10
26.0	22.55	22.75	22.00	22.20	21.85	21.60	21.30	20.95	20.65	20.25
28.0	20.10	20.30	19.55	19.75	19.40	19.20	18.85	18.55	18.25	17.85
30.0	17.95	18.15	17.45	17.65	17.30	17.10	16.75	16.50	16.15	15.85
32.0	16.15	16.35	15.65	15.85	15.50	15.35	14.95	14.75	14.40	14.10
34.0	14.60	14.80	14.05	14.30	13.90	13.80	13.40	13.20	12.85	12.60
36.0	13.20	13.40	12.70	12.95	12.55	12.45	12.05	11.85	11.45	11.25
38.0	12.00	12.20	11.50	11.75	11.35	11.25	10.80	10.70	10.25	10.10
40.0	10.90	11.10	10.40	10.65	10.25	10.15	9.75	9.65	9.10	8.90
42.0	9.95	10.15	9.45	9.70	9.30	9.20	8.70	8.60	8.00	7.85
44.0	9.10	9.25	8.60	8.85	8.35	8.25	7.70	7.60	7.00	6.90
46.0	8.30	8.50	7.70	7.95	7.45	7.35	6.80	6.75	6.15	6.05
48.0	7.50	7.70	6.90	7.15	6.60	6.60	6.00	5.95	5.35	5.30
50.0	6.75	6.95	6.20	6.45	5.90	5.85	5.25	5.25	4.60	4.60
51.0	6.40	6.60	5.85	6.10	5.55	5.55	4.95	4.95	4.30	4.30

Main Boom Length (m)		1	100000000	Deserves	·····································	i0	A DE LA REAL PROPERTY.	*******	1.5.5.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	
Jib Boom Length (m)		3		9	2	25	12 7 5 1 1 1 1 1 3	81 10 10 200	2	7
Offset Angle (°)	-15	30	15	30	15	30	15	30	15	30
Working Radius (m)	(1) (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	30	10	50	A CONTRACTOR OF THE OWNER OF THE		(四) 把金 梁 梁 梁 梁	ALC: NOTION OF ALL OF	2.1.1.11111111111111111111111111111111	·加速的方法之子
12.3	40.40	40.50	39.75	39.90	39.65	39.20	39.05	38.45	38.40	37.60
14.0	36.85	37.00	36.25	36.40	36.10	35.75	35.55	35.00	34.90	34.20
16.0	33.35	33.50	32.75	32.90	32.60	32.25	32.05	31.55	31.40	30.80
18.0	30.35	30.50	29.75	29.95	29.60	29.30	29.05	28.60	28.40	27.90
20.0	27.75	27.95	27.15	27.35	27.05	26.75	26.45	26.10	25.85	25.35
22.0	25.45	25.65	24.90	25.10	24.75	24.50	24.20	23.85	23.60	23.15
24.0	23.45	23.65	22.90	23.10	22.75	22.50	22.15	21.90	21.55	21.20
26.0	21.65	21.85	21.10	21.30	20.95	20.75	20.35	20.10	19.75	19.45
28.0	19.85	20.05	19.30	19.55	19.20	18.95	18.65	18.35	18.05	17.65
30.0	17.75	17.95	17.20	17.45	17.10	16.90	16.55	16.30	15.95	15.65
32.0	15.95	16.15	15.40	15.65	15.30	15.10	14.75	14.55	14.20	13.90
34.0	14.35	14.55	13.85	14.10	13.70	13.55	13.20	13.00	12.65	12.40
36.0	12.95	13.20	12.45	12.70	12.35	12.20	11.80	11.65	11.25	11.05
38.0	11.75	11.95	11.25	11.50	11.10	11.00	10.60	10.45	10.05	9.85
40.0	10.65	10.85	10.20	10.40	10.05	9.95	9.50	9.35	8.85	8.60
42.0	9.70	9.90	9.20	9.45	9.05	8.95	8.40	8.25	7.70	7.55
44.0	8.85	9.00	8.30	8.55	8.05	7.95	7.40	7.30	6.75	6.60
46.0	8.00	8.20	7.40	7.65	7.15	7.05	6.50	6.40	5.85	5.75
48.0	7.15	7.35	6.60	6.85	6.30	6.25	5.70	5.65	5.05	4.95
50.0	6.40	6.60	5.85	6.10	5.55	5.55	4.95	4.90	4.30	4.25
52.0	5.75	5.95	5.20	5.45	4.90	4.85	4.30	4.25	3.65	3.65
53.6	5.25	5.45	4.70	4.95	4.40	4.40	3.80	3.80	3.20	3.20

XSee notes on page 24.

75% Tipping	Load
Crane Ratings	(Main Boom with Jib in 360° Working Area): With Mast (3)

Main Boom Length (m) Jib Boom Length (m)		13	6-27-57 B-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	9		3 5	The second se	81	3	7
Offset Angle (°)	the second se	Called Street and Called Street Street	N. W. I. S. Street and		A REAL PROPERTY AND ADDRESS	6-6-6-5- (C-2)	a line of the second second second	Strength of the local division of the local	1	A CONTRACTOR OF
Vorking Radius (m)	15	30	15	30	15	30	15	30	15	30
12.9	35.60	35.70	35.00	35.10	34.85	34.45	34.30	33.70	33.65	32.90
14.0	33.55	33.70	32.95	33.10	32.80	32.45	32.25	31.70	31.60	30.95
16.0	30.30	30.45	29.70	29.90	29.60	29.25	29.00	28.55	28.40	27.80
18.0	27.50	27.70	26.95	27.15	26.80	26.50	26.25	25.85	25.65	25.10
20.0	25.10	25.30	24.55	24.75	24.45	24.15	23.85	23.50	23.25	22.80
22.0	23.00	23.20	22.45	22.65	22.30	22.10	21.75	21.45	21.15	20.75
24.0	21.15	21.35	20.60	20.80	20.45	20.25	19.90	19.60	19.30	18.90
26.0	19.45	19.70	18.90	19.15	18.80	18.60	18.25	17.95	17.65	17.30
28.0	17.95	18.20	17.40	17.65	17.30	17.10	16.75	16.50	16.15	15.85
30.0	16.60	16.80	16.05	16.30	15.90	15.75	15.40	15.15	14.80	14.50
32.0	15.35	15.60	14.80	15.05	14.65	14.55	14.15	13.95	13.55	13.30
34.0	14.20	14.40	13.65	13.95	13.55	13.40	13.00	12.80	12.40	12.20
36.0	12.80	13.00	12.30	12.55	12.20	12.05	11.70	11.50	11.15	10.90
38.0	11.60	11.80	11.10	11.35	10.95	10.85	10.45	10.30	9.85	9.60
40.0	10.50	10.70	10.00	10.25	9.85	9.75	9.30	9.10	8.60	8.40
40.0	9.50	9.70	9.05	9.30	8.80	8.70	8.15	8.00	7.50	7.30
42.0	8.60	8.85	8.00	8.30	7.80	7.70	7.15	7.05	6.50	6.35
44.0	7.70	7.90	7.10	7.40	6.85	6.80	6.25	6.15	5.60	5.45
48.0	6.85	7.10	6.30	6.55	6.05	5.95	5.45	5.35	4.75	4.65
50.0	6.10	6.30	5.55	5.80	5.30	5.20	4.70	4.60	4.05	3.95
52.0	5.40	5.65	4.85	5.10	4.60	4.55	4.00	3.95	3.35	3.30
54.0	4.80	5.00	4.85	4.50	3.95	3.95	3.40	3.35	2.75	2.70
		4.40	3.70	3.90	3.40	3.40	2.80	2.80	55.6×2.30	55.5×2.30
56.0	4.25	4.40							55.0×2.30	55.5×2.50
56.2 ain Boom Length (m)	4.20	4.35	3.65	3.85	3.35	3.35	2.75	2.75	********	
ain Boom Length (m) lib Boom Length (m)	****	4.35	1	3.85 9	1. 古名中西市生产6		12213213	2.75	3	2012-2014-2 7:22-2019-201
ain Boom Length (m) ib Boom Length (m) Offset Angle (°)		3	1	9	6	6 5		1	and the second second of	7 30
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m)	15	3 30	15	9 30	6 2 15	6 5 30	15	31 30	15	30
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4	15 32.40	3 30 32.55	15 31.80	9 30 31.95	6 2 15 31.70	6 5 30 31.25	15 31.10	30 30.55	15 30.50	30 29.75
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0	15 32.40 31.35	3 30 32.55 31.50	15 31.80 30.75	9 30 31.95 30.90	6 2 15 31.70 30.65	6 5 30 <u>31.25</u> 30.25	15 31.10 30.05	31 30 30.55 29.55	15 30.50 29.45	30 29.75 28.75
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0	15 32.40 31.35 28.20	3 30 32.55 31.50 28.40	15 31.80 30.75 27.65	9 30 31.95 30.90 27.80	6 2 15 31.70 30.65 27.55	6 5 30 31.25 30.25 27.20	15 31.10 30.05 26.95	31 30 30.55 29.55 26.50	15 30.50 29.45 26.35	30 29.75 28.75 25.75
sin Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 18.0	15 32.40 31.35 28.20 25.55	3 30 32.55 31.50 28.40 25.75	15 31.80 30.75 27.65 25.00	9 30 31.95 30.90 27.80 25.20	6 2 15 31.70 30.65 27.55 24.90	6 5 30 31.25 30.25 27.20 24.55	15 31.10 30.05 26.95 24.35	11 30 30.55 29.55 26.50 23.90	15 30.50 29.45 26.35 23.70	30 29.75 28.75 25.75 23.15
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 18.0 20.0	15 32.40 31.35 28.20 25.55 23.25	3 30 32.55 31.50 28.40 25.75 23.45	15 31.80 30.75 27.65 25.00 22.70	9 30 31.95 30.90 27.80 25.20 22.90	6 2 15 31.70 30.65 27.55 24.90 22.60	6 5 30 31.25 30.25 27.20 24.55 22.30	15 31.10 30.05 26.95 24.35 22.05	11 30 30.55 29.55 26.50 23.90 21.65	15 30.50 29.45 26.35 23.70 21.45	30 29.75 28.75 25.75 23.15 20.95
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 18.0 20.0 22.0	15 32.40 31.35 28.20 25.55 23.25 21.25	3 30 32.55 31.50 28.40 25.75 23.45 21.45	15 31.80 30.75 27.65 25.00 22.70 20.70	9 30 31.95 30.90 27.80 25.20 22.90 20.95	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35	15 31.10 30.05 26.95 24.35 22.05 20.05	30 30.55 29.55 26.50 23.90 21.65 19.70	15 30.50 29.45 26.35 23.70 21.45 19.45	30 29.75 28.75 25.75 23.15 20.95 19.00
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 18.0 20.0 22.0 24.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90	9 30 31.95 30.90 27.80 25.20 22.90 20.95 19.15	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70	30 29.75 28.75 25.75 23.15 20.95 19.00 17.25
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 18.0 20.0 22.0 24.0 26.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35	9 30 31.95 30.90 27.80 25.20 22.90 20.95 19.15 17.60	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10	30 29.75 28.75 25.75 23.15 20.95 19.00 17.25 15.75
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35 15.90	9 30 31.95 30.90 27.80 25.20 22.90 20.95 19.15 17.60 16.15	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65 15.25	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 15.00	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65	30 29.75 28.75 25.75 23.15 20.95 19.00 17.25 15.75 14.35
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 20.0 22.0 22.0 22.0 24.0 26.0 28.0 30.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45 15.15	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65 15.40	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35 15.90 14.60	9 30 31.95 30.90 27.80 25.20 22.90 20.95 19.15 17.60 16.15 14.85	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80 14.50	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60 14.30	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65 15.25 13.95	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 15.00 13.70	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65 13.35	30 29.75 28.75 25.75 23.15 20.95 19.00 17.25 15.75 14.35 13.10
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) \ 13.4 14.0 16.0 18.0 20.0 22.0 22.0 24.0 26.0 28.0 30.0 32.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45 15.15 13.95	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65 15.40 14.20	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35 15.90 14.60 13.40	9 30 31.95 30.90 27.80 25.20 22.90 20.95 19.15 17.60 16.15 14.85 13.70	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80 14.50 13.30	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60 14.30 13.15	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65 15.25 13.95 12.75	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 15.00 13.70 12.55	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65 13.35 12.20	30 29.75 28.75 25.75 23.15 20.95 19.00 17.25 15.75 14.35 13.10 11.95
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Working Radius (m) 13.4 14.0 16.0 18.0 20.0 22.0 24.0 24.0 26.0 28.0 30.0 32.0 34.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45 15.15 13.95 12.90	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65 15.40 14.20 13.10	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35 15.90 14.60 13.40 12.35	9 30 31.95 30.90 27.80 25.20 22.90 20.95 19.15 17.60 16.15 14.85 13.70 12.60	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80 14.50 13.30 12.20	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60 14.30 13.15 12.05	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65 15.25 13.95 12.75 11.70	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 15.00 13.70 12.55 11.50	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65 13.35 12.20 11.10	30 29.75 28.75 23.15 20.95 19.00 17.25 15.75 14.35 13.10 11.95 10.90
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 18.0 20.0 22.0 24.0 24.0 26.0 26.0 30.0 32.0 34.0 36.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45 15.15 13.95 12.90 11.90	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65 15.40 14.20 13.10 12.10	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35 15.90 14.60 13.40 12.35 11.35	9 30 31.95 30.90 27.80 25.20 20.95 19.15 17.60 16.15 14.85 13.70 12.60 11.60	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80 14.50 13.30 12.20 11.20	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60 14.30 13.15 12.05 11.10	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65 15.25 13.95 12.75 11.70 10.70	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 15.00 13.70 12.55 11.50 10.50	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65 13.35 12.20 11.10 10.10	30 29.75 28.75 25.75 20.95 19.00 17.25 15.75 14.35 13.10 11.95 10.90 9.90
ain Boom Length (m) bb Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 20.0 22.0 24.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45 15.15 13.95 12.90 11.90 10.95	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65 15.40 14.20 13.10 12.10 11.20	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35 15.90 14.60 13.40 12.35 11.35 10.40	9 30 31.95 30.90 27.80 25.20 20.95 19.15 17.60 16.15 14.85 13.70 12.60 11.60 10.70	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80 14.50 13.30 12.20 11.20 10.30	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60 14.30 13.15 12.05 11.10 10.20	15 31.10 30.05 26.95 24.35 20.05 18.25 16.65 15.25 13.95 12.75 11.70 10.70 9.75	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 15.00 13.70 12.55 11.50 10.50 9.60	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65 13.35 12.20 11.10 10.10 9.20	30 29.75 28.75 25.75 20.95 19.00 17.25 15.75 14.35 13.10 11.95 10.90 9.90 9.00
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 20.0 22.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45 15.15 13.95 12.90 11.90 10.95 10.10	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65 15.40 14.20 13.10 12.10 11.20 10.35	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35 15.90 14.60 13.40 12.35 11.35 10.40 9.55	9 30 31.95 30.90 27.80 25.20 22.90 20.95 19.15 17.60 16.15 14.85 13.70 12.60 11.60 10.70 9.85	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80 14.50 13.30 12.20 11.20 10.30 9.45	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60 14.30 13.15 12.05 11.10 10.20 9.35	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65 15.25 15.25 13.95 12.75 11.70 10.70 9.75 8.90	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 15.00 13.70 12.55 11.50 10.50 9.60 8.80	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65 13.35 12.20 11.10 10.10 9.20 8.35	30 29.75 28.75 25.75 20.95 19.00 17.25 15.75 14.35 13.10 11.95 10.90 9.90 9.00 8.10
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 18.0 20.0 22.0 24.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45 15.15 13.95 12.90 11.90 10.95 10.10 9.30	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65 15.40 14.20 13.10 12.10 11.20 10.35 9.50	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35 15.90 14.60 13.40 12.35 11.35 10.40 9.55 8.75	9 30 31.95 30.90 27.80 25.20 22.90 20.95 19.15 17.60 16.15 14.85 13.70 12.60 11.60 10.70 9.85 9.00	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80 14.50 13.30 12.20 11.20 10.30 9.45 8.50	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60 14.30 13.15 12.05 11.10 10.20 9.35 8.40	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65 15.25 13.95 12.75 11.70 10.70 9.75 8.90 7.90	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 15.00 13.70 12.55 11.50 10.50 9.60 8.80 7.75	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65 13.35 12.20 11.10 10.10 9.20 8.35 7.25	30 29.75 28.75 25.75 23.15 20.95 19.00 17.25 15.75 14.35 13.10 11.95 10.90 9.90 9.00 8.10 7.00
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 18.0 20.0 22.0 24.0 26.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45 15.15 13.95 12.90 11.90 10.95 10.10 9.30 8.30	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65 15.40 14.20 13.10 12.10 11.20 10.35 9.50 8.55	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35 15.90 14.60 13.40 12.35 11.35 11.35 10.40 9.55 8.75 7.70	9 30 31.95 30.90 27.80 25.20 22.90 20.95 19.15 17.60 16.15 14.85 13.70 12.60 11.60 10.70 9.85 9.00 8.00	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80 14.50 14.50 13.30 12.20 11.20 10.30 9.45 8.50 7.50	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60 14.30 13.15 12.05 11.10 10.20 9.35 8.40 7.40	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65 15.25 13.95 12.75 11.70 10.70 9.75 8.90 7.90 6.90	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 13.70 12.55 11.50 10.50 9.60 8.80 7.75 6.75	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65 13.35 12.20 11.10 10.10 9.20 8.35 7.25 6.20	30 29.75 28.75 25.75 23.15 20.95 19.00 17.25 15.75 14.35 13.10 11.95 10.90 9.90 9.90 8.10 7.00 6.05
ain Boom Length (m) ib Boom Length (m) Offset Angle (°) Vorking Radius (m) 13.4 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 44.0 46.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45 15.15 13.95 12.90 11.90 10.95 10.10 9.30 8.30 7.40	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65 15.40 14.20 13.10 12.10 11.20 10.35 9.50 8.55 7.65	15 31.80 30.75 27.65 25.00 22.70 20.70 20.70 18.90 17.35 15.90 14.60 13.40 12.35 11.35 10.40 9.55 8.75 7.70 6.80	9 30 31.95 30.90 27.80 25.20 20.95 19.15 17.60 16.15 14.85 13.70 12.60 11.60 10.70 9.85 9.00 8.00 7.10	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80 14.50 13.30 12.20 11.20 10.30 9.45 8.50 7.50 6.60	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60 14.30 13.15 12.05 11.10 10.20 9.35 8.40 7.40 6.50	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65 15.25 13.95 12.75 11.70 10.70 9.75 8.90 7.90 6.90 5.95	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 15.00 13.70 12.55 11.50 10.50 9.60 8.80 7.75 6.75 5.85	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65 13.35 12.20 11.10 10.10 9.20 8.35 7.25 6.20 5.30	30 29.75 28.75 25.75 23.15 20.95 19.00 17.25 15.75 14.35 13.10 11.95 10.90 9.90 9.00 8.10 7.00 6.05 5.15
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lain Boom Length (m) Jib Boom Length (m) Offset Angle (°) Working Radius (m) 13.4 14.0 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0	15 32.40 31.35 28.20 25.55 23.25 21.25 19.50 17.90 16.45 15.15 13.95 12.90 11.90 10.95 10.10 9.30 8.30 7.40 6.55 5.80 5.10 4.45	3 30 32.55 31.50 28.40 25.75 23.45 21.45 19.70 18.10 16.65 15.40 14.20 13.10 12.10 11.20 10.35 9.50 8.55 7.65 6.80 6.00 5.30 4.70	15 31.80 30.75 27.65 25.00 22.70 20.70 18.90 17.35 15.90 14.60 13.40 12.35 11.35 10.40 9.55 8.75 7.70 6.80 5.95 5.20 4.55 3.90	9 30 31.95 30.90 27.80 25.20 22.90 20.95 19.15 17.60 16.15 14.85 13.70 12.60 11.60 10.70 9.85 9.00 8.00 7.10 6.25 5.50 4.80 4.15	6 2 15 31.70 30.65 27.55 24.90 22.60 20.60 18.80 17.20 15.80 14.50 14.50 13.30 12.20 11.20 10.30 10.30 9.45 8.50 7.50 6.60 5.75 5.00 4.30 3.65	6 5 30 31.25 30.25 27.20 24.55 22.30 20.35 18.60 17.00 15.60 14.30 13.15 12.05 11.10 10.20 9.35 8.40 7.40 6.50 5.65 4.90 4.25 3.60	15 31.10 30.05 26.95 24.35 22.05 20.05 18.25 16.65 15.25 13.95 12.75 11.70 10.70 9.75 8.90 7.90 6.90 5.95 5.15 4.40 3.70 3.10	30 30.55 29.55 26.50 23.90 21.65 19.70 17.95 16.40 13.70 12.55 11.50 10.50 9.60 8.80 7.75 6.75 5.85 5.05 4.30 3.65 3.05	15 30.50 29.45 26.35 23.70 21.45 19.45 17.70 16.10 14.65 13.35 12.20 11.10 10.10 9.20 8.35 7.25 6.20 5.30 4.50 3.75 3.05 2.45	30 29.75 28.75 22.75 20.95 19.00 17.25 15.75 14.35 13.10 11.95 10.90 9.90 9.90 8.10 7.00 6.05 5.15 4.35 3.65 3.00 2.40

75% Tipping Load ■Crane Ratings (Main Boom with Jib in 360° Working Area): With Mast (4)



Aain Boom Length (m)	Langer Start	1.0.00000	11222200	e-m.m.m.m.m.m.m.m.m.m.m.m.m.m.m.m.m.m.m.	2	59		1. 化合金合金	的复数的复数	*****
Jib Boom Length (m)	13	Bit Links and	1. 新加速的 医子宫炎	9	a	25	医外部 医牙子子	1		7
Offset Angle (°) Working Radius (m)	15	30	15	30	15	30	15	30	15	30
13.9	28.85	29.00	28.25	28.40	28.15	27.75	27.55	27.00	26.95	26.25
14.0	28.65	28.85	28.10	28.25	28.00	27.60	27.40	26.85	26.80	26.10
16.0	25.75	25.90	25.15	25.35	25.05	24.70	24.50	24.00	23.90	23.25
18.0	23.25	23.45	22.65	22.85	22.55	22.25	22.00	21.60	21.40	20.85
20.0	21.05	21.30	20.50	20.75	20.40	20.15	19.85	19.50	19.25	18.75
22.0	19.20	19.40	18.65	18.85	18.55	18.25	18.00	17.65	17.40	16.95
24.0	17.50	17.75	16.95	17.20	16.85	16.65	16.30	16.00	15.75	15.35
26.0	16.00	16.25	15.45	15.75	15.35	15.15	14.85	14.55	14.25	13.90
28.0	14.70	14.90	14.15	14.40	14.05	13.85	13.50	13.25	12.90	12.60
30.0	13.45	13.70	12.90	13.20	12.80	12.65	12.30	12.05	11.70	11.40
32.0	12.35	12.60	11.80	12.10	11.70	11.55	11.20	10.95	10.60	10.35
34.0	11.35	11.60	10.80	11.10	10.70	10.55	10.15	9.95	9.60	9.35
36.0	10.40	10.65	9.85	10.15	9.75	9.65	9.25	9.05	8.70	8.45
38.0	9.55	9.80	9.00	9.30	8.90	8.80	8.35	8.20	7.80	7.60
40.0	8.75	9.00	8.20	8.50	8.10	8.00	7.60	7.45	7.05	6.85
42.0	8.00	8.25	7.50	7.75	7.35	7.25	6.85	6.70	6.30	6.15
44.0	7.30	7.55	6.80	7.10	6.65	6.60	6.15	6.05	5.60	5.45
46.0	6.65	6.90	6.15	6.45	6.00	5.95	5.50	5.40	4.95	4.85
48.0	6.05	6.30	5.55	5.85	5.40	5.35	4.90	4.80	4.35	4.25
50.0	5.50	5.70	5.00	5.25	4.85	4.80	4.30	4.20	3.65	3.55
52.0	4.95	5.20	4.40	4.70	4.20	4.10	3.60	3.50	2.95	2.85
54.0	4.35	4.55	3.75	4.05	3.55	3.50	2.95	2.90	2.35	53.8×2.3
56.0	3.75	3.95	3.20	3.45	2.95	2.90	2.40	2.35	54.1×2.30	
58.0	3.20	3.45	2.70	2.95	2.40	2.40	56.3×2.30	56.2×2.30		
60.0	2.75	2.95	58.2×2.65	2.45	58.4×2.30	58.4×2.30	「「「「「「」」	20202800	14-14-16-18-18-18-18-18-18-18-18-18-18-18-18-18-	THE R. P. L.
61.4	60.4×2.65	2.60		60.5×2.30						

Main Boom Length (m)		1.11.11.11.11.11.11	No Xox A P P			2	的法法 化化力不力	01022011		1. 22 년 전 국가
Jib Boom Length (m)	- 13	「三日のから		19	2	5	to see the design of the	1	***************************************	7
Offset Angle (°) Working Radius (m)	15	30	15	30	15	30	15	30	15	30
14.4	24.85	25.05	24.30	24.45	24.20	23.80	23.65	23.10	23.00	22.30
16.0	22.70	22.90	22.15	22.35	22.05	21.70	21.50	21.00	20.90	20.25
18.0	20.40	20.60	19.85	20.05	19.75	19.45	19.20	18.75	18.60	18.0
20.0	18.40	18.60	17.85	18.05	17.75	17.45	17.20	16.80	16.65	16.10
22.0	16.65	16.90	16.10	16.35	16.00	15.75	15.45	15.10	14.90	14.4
24.0	15.10	15.35	14.55	14.80	14.45	14.25	13.95	13.60	13.35	12.9
26.0	13.70	13.95	13.20	13.45	13.10	12.85	12.55	12.25	12.00	11.6
28.0	12.50	12.70	11.95	12.20	11.85	11.65	11.30	11.05	10.75	10.4
30.0	11.35	11.60	10.80	11.10	10.75	10.55	10.20	9.95	9.65	9.35
32.0	10.35	10.60	9.80	10.10	9.70	9.55	9.20	8.95	8.65	8.35
34.0	9.40	9.65	8.85	9.15	8.75	8.60	8.25	8.05	7.70	7.45
36.0	8.55	8.80	8.00	8.30	7.90	7.80	7.40	7.20	6.85	6.60
38.0	7.75	8.00	7.25	7.50	7.10	7.00	6.60	6.45	6.05	5.85
40.0	7.00	7.25	6.50	6.80	6.40	6.30	5.85	5.75	5.35	5.15
42.0	6.35	6.60	5.80	6.10	5.70	5.60	5.20	5.05	4.65	4.50
44.0	5.70	5.95	5.20	5.50	5.05	5.00	4.55	4.45	4.00	3.85
46.0	5.10	5.35	4.60	4.90	4.50	4.40	3.95	3.85	3.45	3.30
48.0	4.55	4.80	4.05	4.35	3.90	3.85	3.40	3.35	2.90	2.75
50.0	4.05	4.30	3.55	3.85	3.40	3.35	2.90	2.85	2.35	2.30
52.0	3.55	3.80	3.05	3.35	2.90	2.85	2.40	2.35	50.2×2.30	
54.0	3.10	3.30	53.7×2.65	2.90	2.45	2.40	52.4×2.30	52.2×2.30		
56.0	2.70	2.90		2.45	54.6×2.30	54.5×2.30				
58.0	56.2×2.65	2.45		56.7×2.30		·				
58.8		2.30								-

See notes on page 24.

l

Crane Boom Construction

Boom Length (m) Elements	18	2	1	2	24	2	7	3	0	33	「日本」	36	3	39	4:	2	45	;	48	5	51	5	4	57	7	60	6	3	66	1.4.5	69	7	2	75		78	10.00	81	8	4	87	12.2	90
Lower boom (7.5 m)								-							1	1	1	1 1	1 1	1	1	1	1	1	1	1 1	1	1	1	1 1	1	1	1	1	1 1	11	1 1	1	1	1	11	1 1	11
Upper boom (10.5 m)	1	1	1	1	1	1	1	1	1	1 1	1 1	1	1	1	1	1	1	1 1	1 1	1	1	1	1	1	1	1 1	1	1	1	1 1	1	1	1	1	1 1	1 1	1 1	1	1	1	1 1	1 1	1
Types of boom inserts		I	п	Ι	п	I	Π	I	Π	II	II	Π	I	Π	Ι	Π	I	П	ΙΠ	II	п	I	Π	I	Π	II	I	Π	I	II	Π	I	п	II	ΠI	II	II	п	I	п	II	II	Π
Boom insert 3 m (B)			1		1		1		1	1		1		1		1	1	1	1	1	1		1	r.	1	1		1	1	1	1		1		1	9		1	-	1	1	1	1
Boom insert 3 m (A)		1		2	1	1	100	2	1	1 1	1 2	2	2	1	1	1	1	2	2 1	1	1	1	1.0	2	1	1 1	2		1	1 2	2 1	2	1	2	1	1	1 2	2 1	1	1	2	2	1
Boom insert 6 m			08		(6)	1	1	1	1	2	2	2 1	1	1	2		1	1 1	1 1	2	1	1	1	1	1 :	2	2	1	1	1 1	1	1		1	1 1	1	1	1	2		2 1	111	1
Boom insert 9 m (B)			10		1.00		11			10	1	*				97			10		100		10			1		1	2	1	100		1	12	1	1		1	-	1		1 1	1
Boom insert 9 m (A)			105		100		58		140	1	lê -	1	1	1	1	2	2	2 2	2 2	2	3	3	3	3	3 3	3 3	3	3	3	3 3	3	2	3	3 3	3 3	3 3	3 3	3 3	3	3	3 3	3 3	3 3
Boom insert 12 m			1		77		100		1	E.	1	100		Mes.		10	1	6	(8)		10		(ber)			100			1	1	1	2	1	2	1 2	2 1	1 2	2 2	2	2	2 2	2 2	2
Boom mast required																			-										-				1.100	10.00	-	-	6.00						-
Boom mast avaliable		_														F	-		_										* *	1.7	-	- 21						22					-
Boom (Jib avaliable)																-	4	1				-	1:	3 m	1~:	37 n	n •																
Boom (aux. avaliable)	V	-						-	Ar	-	-	-							2							-		10 - 10 - 1		0.12	10.00	10.00	-			1.2			-		-		
Boom (Intermediate suspension parts required)																	_																									10	•

Types of Boom Inserts I :For crane boom

II : For crane transformed from tower crane

Note: When crane is transformed from tower crane by using tower boom

of 69 m or longer, the following boom inserts are required. \bullet 69-78 m boom = 12 m × 1

Boom of 81 m or longer = 12 m × 2

Crane Jib Construction

Jib Length (m) Elements	13	19	25	31	37
Lower jib (5 m)	1	1	1	1	1
Upper jib (5 m)	1	1	1	1	1
Jib insert 3 m	1	1	1	1	1
Jib insert 6 m		1	2	3	4

Component weights and Dimensions for Transport

2	Components	Weight (ton)	Q'ty	Length × Width × Height (m)	Remarks
RAN	Basic machine	33.90	1	7.12 × 3.40 × 3.15	Excluding ropes, gantry (H and L), track beam, and self-loading device
44	Basic machine	41.70	1	8.84 × 3.40 × 3.46	Including ropes, gantry (H and L), and bridle Excluding track beam and self-loading device
21	Track beam	5.70	2	6.00 × 0.55 × 0.68	
23	Side frame (one side)	23.30	2	9.07 × 1.46 × 1.39	
-	Self-loading device	0.35	4	0.80 × 0.75 × 0.91	Including float
machine	Gantry (H)	3.68	1	7.70 × 1.67 × 0.72	Including hanger
£	Gantry (L)	0.33	2	1.70 × 0.30 × 1.12	Including cylinder
E	Counterweight (A)	18.20	1	4.30 × 1.79 × 0.84	
Basic	Counterweight (B)	16.70	1	4.28 × 1.79 × 0.62	
as	Counterweight (C)	5.30	1	1.33 × 1.07 × 0.70	
ш	Counterweight (D)	8.50	1	1.73 × 1.30 × 0.70	
1.16	Counterweight (E)	8.40	1	1.72 × 1.30 × 0.70	
	Counterweight (F)	5.00	1	1.63 × 0.90 × 0.75	
	Counterweight (G)	5.00	1	1.61 × 0.90 × 0.75	
	Counterweight (H)	6.10	1	1.68 × 1.25 × 0.61	
-	Counterweight (I)	6.00	1	1.66 × 1.25 × 0.61	
21	Counterweight (Lower)	1.20	2	1.40 × 0.32 × 0.74	Track frame counterweight
1.1	Lower boom 7.5 m	3.10	1	7.72 × 2.47 × 2.50	
24	Upper boom 10.5 m	3.26	1	10.94 × 2.24 × 2.29	
22	Boom backstop	0.14	2	5.45 × 0.26 × 0.26	
6-6	Bridle	0.53	1	$2.10 \times 0.69 \times 0.33$	
1.1	Boom mast	1.54	1	10.17 × 1.36 × 1.19	
00	Boom insert 3 m (A)	0.88	1	3.14 × 2.47 × 2.40	
	Boom insert 3 m (B)	1.38	1	3.14 × 2.47 × 2.59	
1.4	Boom insert 6 m	1.22	1	6.14 × 2.47 × 2.40	
	Boom insert 9 m (A)	1.62	1	9.14 × 2.47 × 2.36	
ā	Boom insert 9 m (B)	1.68	1	9.14 × 2.47 × 2.38	
Ę	Boom insert 12 m	1.92	1	12.14 × 2.47 × 2.36	
Crane front	Lower Jib 5m	0.30	1	5.11 × 1.24 × 0.97	
č	Upper Jib 5 m	0.45	1	5.43 × 1.24 × 1.37	
-	Jib insert 3 m	0.15	1	3.08 × 1.25 × 1.09	
24	Jib insert 6 m	0.26	1	6.08 × 1.25 × 1.09	
11	Jib mast	0.55	1	6.14 × 1.10 × 0.62	
-	Aux. Jib	0.39	1	2.22 × 1.04 × 1.43	
11	200 ton hook	2.60	1	$2.38 \times 0.74 \times 0.93$	
-	100 ton hook	1.40	1	2.13 × 0.75 × 0.54	
22	60 ton hook	1.20	1	2.12 × 0.74 × 0.35	
-	25 ton hook	0.85	1	$1.74 \times 0.74 \times 0.38$	
12	13 ton hook	0.50	1	1.18 × 0.47 × 0.47	

FULL-LUFFING TOWER CRANE

Dimensions

(

18 Alexandre	Tower Jib Construction	,
	Jib Length (m) 28 31	34 37 40 43 46 49 52
		7060 9080 7060 9080 7060 9080 7060 9080 7060 9080 7060 9080 7060 9080
	(°)	
	Tower Length (m)	
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	42 000000000	
	45 000000000	
	51 000000000	0000000000000000
		00000000000000000000000
28 000-52 000	57 000000000	
		00000000000000000000000000000000000000
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		ATTACTOR ALCONT
	■ Specifications	(1 ton=1 000
	Specifications Maximum rated loads ton × 1	(1 ton = 1 000 m 25.0 × 14.0 (36~51 m tower+28 m Jib)
	Specifications Maximum rated loads ton × i Tower length i	(1 ton=1 000 m 25.0 × 14.0 (36~51 m tower+28 m Jib) m 36-60
	Specifications Maximum rated loads ton × 1 Tower length Tower foot height	(1 ton = 1 000) m 25.0 × 14.0 (36~51 m tower + 28 m Jib) m 36-60 m 2.5
	Specifications Maximum rated loads ton × 1 Tower length Tower foot height Jib length	$(1 \text{ ton} = 1 000)$ $\frac{m}{25.0 \times 14.0} (36 \sim 51 \text{ m tower} + 28 \text{ m Jib})$ $\frac{m}{36 - 60}$ $\frac{m}{2.5}$ $\frac{28 - 52}{36 - 52}$
36 000~60 000 36 000~60 000	Specifications Maximum rated loads ton × i Tower length i Tower foot height i Jib length i Tower + Jib (max. length) i	$(1 \text{ ton} = 1 000)$ $m 25.0 \times 14.0 (36 \sim 51 \text{ m tower} + 28 \text{ m Jib})$ $m 36 - 60$ $m 2.5$ $m 28 - 52$ $m 60 + 52$
36 000~60 000 36 000~60 000	Specifications Maximum rated loads ton × i Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius	$(1 \text{ ton} = 1 000)$ $\frac{m}{25.0 \times 14.0} (36 \sim 51 \text{ m tower} + 28 \text{ m Jib})$ $\frac{m}{36 - 60}$ $\frac{m}{2.5}$ $\frac{28 - 52}{36 - 52}$
36 000~60 000 36 000~60 000	Specifications Maximum rated loads ton × 1 Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius	$(1 \text{ ton} = 1 000)$ $\frac{m}{25.0 \times 14.0 (36 \sim 51 \text{ m tower} + 28 \text{ m Jib})}{36 - 60}$ $\frac{m}{2.5}$ $\frac{m}{28 - 52}$ $\frac{m}{60 + 52}$
24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Specifications Maximum rated loads ton × tor x	(1 ton = 1 000) m 25.0 × 14.0 (36~51 m tower + 28 m Jib) m 36-60 m 2.5 m 28-52 m 60+52 m 77.5 (54 m tower + 49 m jib)
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Specifications Maximum rated loads ton × i Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m	(1 ton = 1 000)m 25.0 × 14.0 (36~51 m tower+28 m Jib) m 36-60 m 2.5 m 28-52 m 60+52 m 77.5 (54 m tower+49 m jib) m 109 (60 m tower+52 m jib)
	Specifications Maximum rated loads ton × tor x	$\begin{array}{c} (1 \text{ ton} = 1 \ 000 \\ \hline m & 25.0 \times 14.0 \ (36 \sim 51 \text{ m tower} + 28 \text{ m Jib}) \\ \hline m & 36 - 60 \\ \hline m & 2.5 \\ \hline m & 28 - 52 \\ \hline m & 60 + 52 \\ \hline m & 77.5 \ (54 \text{ m tower} + 49 \text{ m jib}) \\ \hline m & 109 \ (60 \text{ m tower} + 52 \text{ m jib}) \\ \hline m & 110/62/31 \end{array}$
	Specifications Maximum rated loads ton × i Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m Jib hoist/lower* m/m	$\begin{array}{c} (1 \text{ ton} = 1\ 000 \\ \hline m & 25.0 \times 14.0\ (36 \sim 51\ m\ tower + 28\ m\ Jib) \\ \hline m & 36 - 60 \\ \hline m & 2.5 \\ \hline m & 28 - 52 \\ \hline m & 60 + 52 \\ \hline m & 77.5\ (54\ m\ tower + 49\ m\ jib) \\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib) \\ \hline m & 110/62/31 \\ \hline m & 31 \\ \hline m & 27 \times 2 \end{array}$
	Specifications Maximum rated loads ton × i Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m Jib hoist/lower* m/m	$\begin{array}{c} (1 \text{ ton} = 1\ 000\\ \hline m & 25.0 \times 14.0\ (36 \sim 51\ m\ tower + 28\ m\ Jib)\\ \hline m & 36 - 60\\ \hline m & 2.5\\ \hline m & 28 - 52\\ \hline m & 60 + 52\\ \hline m & 77.5\ (54\ m\ tower + 49\ m\ jib)\\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib)\\ \hline m & 110/62/31\\ \hline m & 31\\ \hline m & 27 \times 2 \end{array}$
	Specifications Maximum rated loads ton × i Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m Jib hoist/lower* m/m Tower hoist/lower* m/m Ground pressure kPa (kgf/cm)	(1 ton = 1 000) m 25.0 × 14.0 (36~51 m tower+28 m Jib) m 36-60 m 2.5 m 28-52 m 60+52 m 77.5 (54 m tower+49 m jib) m 109 (60 m tower+52 m jib) m 110/62/31 n 31 n 27 × 2 2) 95.5 (0.97) m 205
000 99 000 98 00 00 00 00 00 00 00 00 00 00 00 00 00	Specifications Maximum rated loads ton × 1 Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m Jib hoist/lower* m/m Tower hoist/lower* m/m Ground pressure kPa (kgf/cm Operating weight to	$\begin{array}{c} (1 \text{ ton} = 1\ 000\\ \hline m & 25.0 \times 14.0\ (36 \sim 51\ m\ tower + 28\ m\ Jib)\\ \hline m & 36 - 60\\ \hline m & 2.5\\ \hline m & 28 - 52\\ \hline m & 60 + 52\\ \hline m & 60 + 52\\ \hline m & 77.5\ (54\ m\ tower + 49\ m\ jib)\\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib)\\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib)\\ \hline m & 110/62/31\\ \hline m & 31\\ \hline m & 27 \times 2\\ \hline 2) & 95.5\ (0.97)\\ \hline m & 205\\ (Equipped\ with\ 36\ m\ tower,\ 28\ m\ jib\ and\ 25\ ton\ capacity\ hool$
	Specifications Maximum rated loads ton × 1 Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m Jib hoist/lower* m/m Tower hoist/lower* m/m Ground pressure kPa (kgf/cm Operating weight to	(1 ton = 1 000) m 25.0 × 14.0 (36~51 m tower+28 m Jib) m 36-60 m 2.5 m 28-52 m 60+52 m 77.5 (54 m tower+49 m jib) m 109 (60 m tower+52 m jib) m 109 (60 m tower+52 m jib) m 110/62/31 m 31 m 27 × 2 2) 95.5 (0.97) m 205 (Equipped with 36 m tower, 28 m jib and 25 ton capacity hool a, along with conventional units in ().
000 99 000 98 00 00 00 00 00 00 00 00 00 00 00 00 00	Specifications Maximum rated loads ton × i Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m Jib hoist/lower* m/m Tower hoist/lower* m/m Ground pressure kPa (kgf/cm Operating weight to Notes : 1. Data is expressed in SI units 2. Other specifications, not sho	$\begin{array}{c} (1 \text{ ton} = 1\ 000 \\ \hline m & 25.0 \times 14.0\ (36 \sim 51\ m\ tower + 28\ m\ Jib) \\ \hline m & 36 - 60 \\ \hline m & 2.5 \\ \hline m & 28 - 52 \\ \hline m & 60 + 52 \\ \hline m & 77.5\ (54\ m\ tower + 49\ m\ jib) \\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib) \\ \hline m & 110/62/31 \\ \hline m & 31 \\ \hline m & 27 \times 2 \\ \hline 2 \\ \hline 9 \\ 5.5\ (0.97) \\ \hline m & 205 \\ (Equipped\ with\ 36\ m\ tower,\ 28\ m\ jib\ and\ 25\ ton\ capacity\ hool \\ c, along\ with\ conventional\ units\ in\ (\). \\ \hline wn,\ are\ similar\ to\ those\ for\ the\ crawler\ crane. \\ \end{array}$
000 99 98 98 90 90 98 98 90 90 98 90 90 98 90 90 90 90 90 90 90 90 90 90 90 90 90	Specifications Maximum rated loads ton × 1 Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m Jib hoist/lower* m/m Tower hoist/lower* m/m Ground pressure kPa (kgf/cm Operating weight to	$\begin{array}{c} (1 \text{ ton} = 1\ 000\\ \hline m & 25.0 \times 14.0\ (36 \sim 51\ m\ tower + 28\ m\ Jib)\\ \hline m & 36 - 60\\ \hline m & 2.5\\ \hline m & 28 - 52\\ \hline m & 60 + 52\\ \hline m & 77.5\ (54\ m\ tower + 49\ m\ jib)\\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib)\\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib)\\ \hline m & 110/62/31\\ \hline m & 31\\ \hline m & 27 \times 2\\ \hline 2) & 95.5\ (0.97)\\ \hline m & 205\\ \hline (Equipped\ with\ 36\ m\ tower,\ 28\ m\ jib\ and\ 25\ ton\ capacity\ hool\\ \hline a, along\ with\ conventional\ units\ in\ \).\\ \hline wn,\ are\ similar\ to\ those\ for\ the\ crawler\ crane.\\ \hline \end{array}$
000 99 98 98 98 90 90 98 98 90 90 98 98 90 90 98 98 90 90 98 98 90 90 98 98 90 90 98 98 90 90 90 90 90 90 90 90 90 90 90 90 90	Specifications Maximum rated loads ton × i Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m Jib hoist/lower* m/m Tower hoist/lower* m/m Ground pressure kPa (kgf/cm Operating weight to Notes : 1. Data is expressed in SI units 2. Other specifications, not sho	$\begin{array}{c} (1 \text{ ton} = 1\ 000\\ \hline m & 25.0 \times 14.0\ (36 \sim 51\ m\ tower + 28\ m\ Jib)\\ \hline m & 36 - 60\\ \hline m & 2.5\\ \hline m & 28 - 52\\ \hline m & 60 + 52\\ \hline m & 77.5\ (54\ m\ tower + 49\ m\ jib)\\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib)\\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib)\\ \hline m & 110/62/31\\ \hline m & 31\\ \hline m & 27 \times 2\\ \hline 2) & 95.5\ (0.97)\\ \hline m & 205\\ \hline (Equipped\ with\ 36\ m\ tower,\ 28\ m\ jib\ and\ 25\ ton\ capacity\ hool\\ \hline a, along\ with\ conventional\ units\ in\ \).\\ \hline wn,\ are\ similar\ to\ those\ for\ the\ crawler\ crane.\\ \hline \end{array}$
1450 7 870 000 000 000 000 000 000 000 000 000	Specifications Maximum rated loads ton × i Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m Jib hoist/lower* m/m Tower hoist/lower* m/m Ground pressure kPa (kgf/cm Operating weight to Notes : 1. Data is expressed in SI units 2. Other specifications, not sho	$\begin{array}{c} (1 \text{ ton} = 1\ 000\\ \hline m & 25.0 \times 14.0\ (36 \sim 51\ m\ tower + 28\ m\ Jib)\\ \hline m & 36 - 60\\ \hline m & 2.5\\ \hline m & 28 - 52\\ \hline m & 60 + 52\\ \hline m & 77.5\ (54\ m\ tower + 49\ m\ jib)\\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib)\\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib)\\ \hline m & 110/62/31\\ \hline m & 31\\ \hline m & 27 \times 2\\ \hline 2) & 95.5\ (0.97)\\ \hline m & 205\\ \hline (Equipped\ with\ 36\ m\ tower,\ 28\ m\ jib\ and\ 25\ ton\ capacity\ hool\\ \hline a, along\ with\ conventional\ units\ in\ \).\\ \hline wn,\ are\ similar\ to\ those\ for\ the\ crawler\ crane.\\ \hline \end{array}$
000 99 98 98 98 90 90 98 98 90 90 98 98 90 90 98 98 90 90 98 98 90 90 98 98 90 90 98 98 90 90 90 90 90 90 90 90 90 90 90 90 90	Specifications Maximum rated loads ton × i Tower length Tower foot height Jib length Tower + Jib (max. length) Working radius Max. lift above ground Line speeds Hoist/lower* m/m Jib hoist/lower* m/m Tower hoist/lower* m/m Ground pressure kPa (kgf/cm Operating weight to Notes : 1. Data is expressed in SI units 2. Other specifications, not sho	$\begin{array}{c} (1 \text{ ton} = 1\ 000 \\ \hline m & 25.0 \times 14.0\ (36 \sim 51\ m\ tower + 28\ m\ Jib) \\ \hline m & 36 - 60 \\ \hline m & 2.5 \\ \hline m & 28 - 52 \\ \hline m & 60 + 52 \\ \hline m & 77.5\ (54\ m\ tower + 49\ m\ jib) \\ \hline m & 109\ (60\ m\ tower + 52\ m\ jib) \\ \hline m & 110/62/31 \\ \hline m & 31 \\ \hline m & 27 \times 2 \\ \hline 2 \\ \hline 9 \\ 5.5\ (0.97) \\ \hline m & 205 \\ (Equipped\ with\ 36\ m\ tower,\ 28\ m\ jib\ and\ 25\ ton\ capacity\ hool \\ c, along\ with\ conventional\ units\ in\ (\). \\ \hline wn,\ are\ similar\ to\ those\ for\ the\ crawler\ crane. \\ \end{array}$

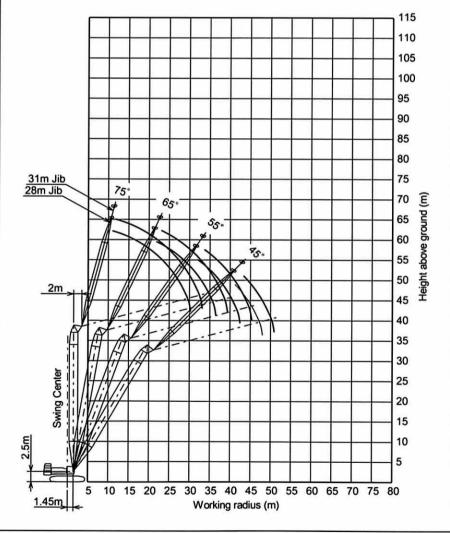
Dimensions shown in () are with side frames fully retracted.

36^m Tower (2 Rope Reevings)

Rated Loads for Tower Crane

Jib Length (m)		2	8		42222		31	1222270
Tower Angle (°) Working Radius (m)	90	80	70	60	90	80	70	60
12.1	25.00				12.9×25.00			
14.0	25.00				25.00			
16.0	24.50		[23.35			
18.0	23.05				21.75			
20.0	22.00	21.8×18.55	A DOWN	NUMBER OF BRIDE	20.55	a second second second	10日本会社会会	Charles I.D.
22.0	21.40	18.25			19.70	23.1×17.15		
24.0	18.85	16.35			19.15	16.25		
26.0	16.20	14.80			16.80	14.70		
28.0	13.90	13.50			14.65	13.40		
30.0	11.55	12.40	医白斑状带的	·····································	12.75	12.30	王 市 一 二 二 一 二 二	1月日月夜(103
32.0	30.2×10.90	11.50	11.50		11.00	11.35	33.7×10.65	
34.0		10.65	10.65		33.1×9.60	10.50	10.50	
36.0		9.90	9.90			9.75	9.75	
38.0		36.4×9.75	9.25			9.10	9.10	
40.0	化外原合物的	224622	8.70	41.2×8.40		39.3×8.70	8.50	202223
42.0			8.15	8.15			8.00	43.3×7.70
44.0			42.4×8.05	7.65			7.55	7.50
46.0				7.25			45.3×7.25	7.10
48.0				47.9×6.85				6.70
50.0				444243	the second second		and the second	6.35
50.8								6.20

Working Ranges



Notes 1. The rated loads shown do not exceed 75% of tipping load with the machine on film level ground, and are not less than 1.15 times over-front stability stipulated by the mobile crane construction standards.

Unit: ton

2. The load to be actually lifted will be the rated load shown minus the weight of all lifting attachments such as a hook. Hook Capacity (ton) Hook Weight (ton)

		25	_		0	.85		
3.	Working	radius	is	a	horizontal	distanc e	between	swing
	center of	the ma	chi	ne	and center	of gravity	of a load I	hoth

4. Figures described as OO×OO in the tables indicate working radius (m) × rated load (ton).

Counterweight is 81.6 ton (Upper: 79.2 ton/ Lower: 2.4 ton).
 Be sure to fully extend the side frames before operating the machine.

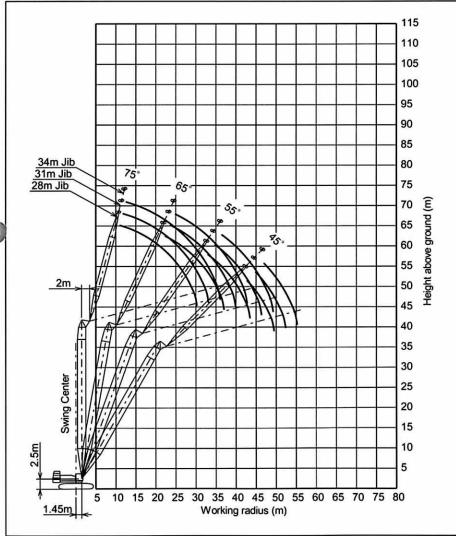
39^m Tower (2 Rope Reevings)</sup>

Rated Loads for Tower Crane

Jib Length (m)	++	2	8	8-2-2 U.C.T.	1.6 4 4 4 4	「「「「「「「」」」	31		100000	In the State of th		
Tower Angle (°) Working Radius (m)	90	80	70	60	90	80	70	60	90	80	70	60
12.2	25.00				13.0×25.00				13.8×25.00			
14.0	25.00				25.00				24.90			
16.0	24.45				23.30				23.00			
18.0	22.95				21.75				21.40			
20.0	21.95	1.4.2.2.2.2.2.		化 正 医 医 子 化	20.55	1000000		212222	20.10	1000000	2-22-26-26	La se y la se
22.0	21.35	22.3×17.95			19.65	23.6×16.70			19.15			
24.0	18.80	16.40			19.15	16.25			18.40	24.9×15.50		
26.0	16.20	14.85			16.80	14.70			17.95	14.60		
28.0	13.90	13.55			14.65	13.40			15.85	13.30		
30.0	11.55	12.40			12.70	12.30			14.00	12.20	「「「」」	たたこのであったの
32.0	30.2×10.90	11.45	33.0×11.05		10.95	11.35			12.40	11.25		
34.0		10.60	10.60		33.1×9.60	10.50	34.7×10.25		10.95	10.40		
36.0		9.85	9.85		·	9.75	9.75		9.35	9.70	36.4×9.55	
38.0		36.9×9.55	9.25			9.10	9.10		· · · · · · · · · · · · · · · · · · ·	9.05	9.00	
40.0	2. 中东中市 4. 中方	******	8.65	Call of the second second	110.00	39.8×8.55	8.50	a name	1-2-2-1-0-0-0	8.45	8.45	122
42.0			8.15	42.7×8.00			8.00			7.95	7.95	
44.0			43.4×7.80	7.65			7.55	44.8×7.35		42.7×7.75	7.45	
46.0				7.20			7.10	7.05			7.05	47.0×6.80
48.0				6.80			46.3×7.05	6.65			6.65	6.55
50.0	和学校学校会	化化学 化化	化相应波动	49.4×6.55	1. 4. 9. 9. 9. 1.		101224	6.30	1.10.10.10.10.10.1	A 10 1 1 1 1 1 1	49.2×6.45	6.20
52.0								6.00				5.90
54.0								52.3×5.95				5.60
55.2												5.40

%Notes for the 39 m tower are similar to those for the 36 m tower.

■ Working Ranges



Working ranges shown are under unloaded condition.

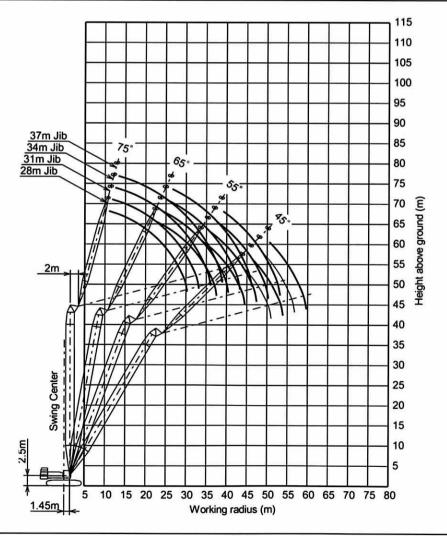
42^m Tower (2 Rope Reevings)

■ Rated Loads for Tower Crane

Jib Length (m)	四年末秋堂	- 2	8		1 1 1 1 1 1 1	P = = = 3	11-8-8-4		2020	T. T. T. S. 13	34	12754	a the second of the	3	7	(1) (1) (1) (1)
Tower Angle (°) Working Radius (m)	90	80	70	60	90	80	70	60	90	80	70	60	90	80	70	60
12.2	25.00				13.1×25.00				13.9×24.90				Contraction and Contraction			E CARLON CONTRACT
14.0	25.00				25.00				24.85				14.7×23.10			
16.0	24.35				23.25				22.95				21.95			
18.0	22.90				21.70				21.40				20.40		-	
20.0	21.85	和图察强调	新建(金石)	1014	20.45	5.11 - 5 - PM	中国法教	1.11 年前	20.10	1.7.5.6.8	No. of Concession, Name	12257	19.15	Friday States	1-2-5-5	17 (P. 19) (P. 1
22.0	21.30	22.8×17.50			19.60				19.10				18.10			State of the second
24.0	18.80	16.40			19.10	24.1×16.20			18.40	25.4×15.15			17.25			
26.0	16.15	14.85			16.80	14.70			17.90	14.65			16.65	26.6×14.10		
28.0	13.85	13.55			14.60	13.40			15.85	13.35			16.10	13.25		
30.0	11.55	12.40	「東京のないた	1.5 小水子	12.70	12.30	12014	医副骨骨骨	14.00	12.20	1.3.5	27841	14.35	12.10	*****	1 〒 今 田 田
32.0	30.2×10.90	11.45			10.95	11.35			12.40	11.25			12.80	11.15		
34.0		10.60	10.60		33.1×9.60	10.50	35.7×9.85		10.90	10.40			11.40	10.35	·	
36.0		9.85	9.85			9.75	9.70		9.35	9.70	37.5×9.20		10.15	9.60	1	
38.0		37.4×9.40	9.20			9.10	9.05			9.05	9.00		8.95	8.95	39.2×8.55	
40.0	8844	2232	8.60	第三日 市 市 市	Seat Section	8.50	8.50	W W W. H.	12222	8.45	8.40	62117	38.9×8.40	8.35	8.30	And and a lot
42.0			8.10			40.3×8.45	7.95			7.90	7.90			7.85	7.80	
44.0			7.65	44.2×7.60			7.50			43.2×7.65	7.40			7.35	7.30	
46.0			44.4×7.55	7.20			7.10	46.3×7.00			7.00			6.95	6.90	
48.0				6.80			47.3×6.85	6.65			6.60	48.5×6.45		46.1×6.90	6.50	
50.0	「日本での」	四余 肥 济 田	金属 的 化	6.40	10000		下方子的	6.25	14243	ちかの書い	6.25	6.15	大学 医第二	10.00.00.00.0	6.15	50.6×6.02
52.0				50.9×6.25				5.95			50.2×6.25	5.85			5.85	5.70
54.0								53.8×5.65				5.55			53.1×5.70	5.45
56.0												5.25				5.15
58.0		[[56.7×5.20				4.90
59.6				· · · · · · · · · · · · · · · · · · ·												4.70

%Notes for the 42 m tower are similar to those for the 36 m tower.

Working Ranges



Working ranges shown are under unloaded condition.

45_{m Tower (2 Rope Reevings)}

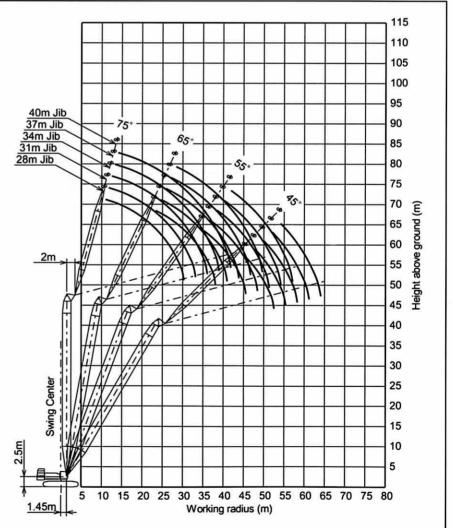
■Rated Loads for Tower Crane

Jib Length (m)	60000	2	8		1 天平 11 日	in main	31			the second second	34	5 × 5 × 4	37			14 P. M.		
Tower Angle (°) Working Radius (m)	90	80	70	60	90	80	70	60	90	80	70	60	90	80	70	60		
12.3	25.00				13.1×25.00				13.9×24.80									
14.0	25.00				25.00				24.80				14.8×23.00					
16.0	24.30			1.1	23.20				22.90				21.95					
18.0	22.85				21.60				21.30				20.40					
20.0	21.80	and the second	1000	1.1.1.1.1.1.1	20.40	de marche	60.00	and an inclusion	20.05	1月,此后代	1.00 4.00 4	· · · · · · · · · · · · · · · · · · ·	19.10	そんらい	100.00	1.2.2.2		
22.0	21.20	23.4×17.05			19.55				19.05				18.05					
24.0	18.75	16.40			19.05	24.6×15.80			18.30	25.9×14.80			17.25					
26.0	16.15	14.85			16.75	14.70			17.85	14.65			16.60	27.2×13.80				
28.0	13.85	13.55			14.60	13.40			15.80	13.35	0		16.10	13.20				
30.0	11.55	12.40	1000	10.00 m m	12.70	12.30	1000		14.00	12.20	State of Street	1000	14.30	12.10	N. S. P. & .	Station of the		
32.0	30.2×10.90	11.45			10.90	11.35			12.35	11.25			12.75	11.15				
34.0		10.60	35.1×10.25		33.1×9.60	10.50			10.90	10.40			11.40	10.30				
36.0		9.85	9.85			9.75	36.8×9.50		9.35	9.65			10.15	9.60				
38.0		9.20	9.20			9.10	9.05		11	9.00	38.5×8.85		8.95	8.95				
40.0		223 21	8.60	the second second		8.50	8.45	STE AL PA	日本市市	8.45	8.40	2 2 2 1 1	38.9×8.35	8.35	40.2×8.25	1-2-3-11-0		
42.0			8.10			40.9×8.25	7.95			7.90	7.85			7.80	7.75			
44.0			7.60	45.7×7.25	2011		7.50			43.8×7.50	7.40			7.35	7.30	_		
46.0			45.5×7.30	7.15	1.1.1.1.1	Sec. 1	7.05	47.8×6.65			6.95			6.90	6.85			
48.0				6.75		1.1.1.1	6.65	6.60			6.60			46.7×6.80	6.50			
50.0		100-100-0	64422	6.40		1. 1. 1. 1. 1.	48.3×6.60	6.25	a surge and	Contraction of the	6.25	6.10	1.1.1.1.1.1.1		6.15	10000		
52.0				6.05				5.90			51.2×6.05	5.80			5.80	52.1×5.65		
54.0				52.4×6.00				5.60				5.50			5.50	5.35		
56.0								55.3×5.40				5.20			54.1×5.50	5.10		
58.0												4.95				4.85		
60.0		ALC: NOT THE OWNER	化学校理论	1000	-		22200	10000		1.0.0.0.0	N 46 16 18 1	58.2×4.95	(all designation	and the second	1	4.60		
61.1																4.50		

Jib Length (m)	1.000	4	0	四日(日)たい
Tower Angle (°) Working Radius (m)	90	80	70	60
15.6	21.10	and the second second		1.
16.0	20.85			
18.0	19.40			
20.0	18.15	10000	1.55.51	0.000
22.0	17.10			
24.0	16.25			
26.0	15.55			
28.0	15.00	28.4×12.85		
30.0	14.50	12.00	1.11.11.11.11	25.2.2
32.0	12.95	11.05		
34.0	11.65	10.20		
36.0	10.45	9.45		
38.0	9.35	8.80		-
40.0	8.35	8.20	41.9×7.65	北京東北市
42.0	41.8×7.40	7.70	7.60	
44.0		7.25	7.15	
46.0		6.80	6.75	
48.0		6.40	6.35	
50.0	2337	49.6×6.15	6.00	1.0.0.0
52.0			5.70	
54.0			5.40	54.2×5.20
56.0			5.10	4.95
58.0),	57.0×5.00	4.70
60.0		"有有有有	中王的内阁	4.45
62.0				4.25
64.0				4.05

%Notes for the 45 m tower are similar to those for the 36 m tower.

Working Ranges



Working ranges shown are under unloaded condition.

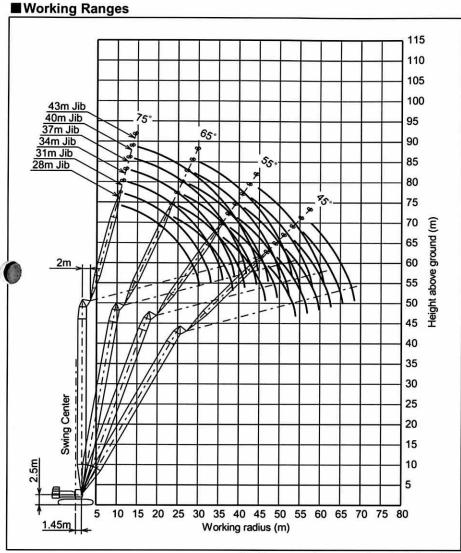
48^{m Tower (2 Rope Reevings)}

Rated Loads for Tower Crane

Jib Length (m)	P 100 100 - 100 - 100	- 2	28	A MARTIN	1	Workshine .	1	775.00	1000	1	34	下于 下于 化	Constant of the second	37			
Tower Angle (°) Working Radius (m)	90	80	70	60	90	80	70	60	90	80	70	60	90	80	70	60	
12.3	25.00				13.2×25.00												
14.0	25.00				25.00				24.75				14.8×22.85			-	
16.0	24.25				23.10				22.85	1			21.85			-	
18.0	22.75				21.55				21.25				20.35			<u> </u>	
20.0	21.75	143.00	· · · · · · · · · · · · · · · · · · ·	6.6.6.6	20.35	「日本」		常 将 使 30 4	20.00	1000	10000	17 W.W. (M. 184)	19.05	100.004	12222	1000	
22.0	21.15	23.9×16.60			19.50				19.00				18.00			and the second second	
24.0	18.75	16.40			18.95	25.2×15.35			18.25				17.20			<u> </u>	
26.0	16.10	14.85			16.75	14.70			17.80	26.4×14.35			16.55	27.7×13.45			
28.0	13.80	13.55			14.55	13.40			15.80	13.30			16.10	13.20			
30.0	11.55	12.40	Area and	(市市市)市)	12.65	12.30	****	2 7 17 (0)	13.95	12.20	1.5 0.004	1922	14.30	12.10		8-2-4-2	
32.0	30.2×10.90	11.45			10.90	11.30			12.35	11.25			12.75	11.15			
34.0		10.60			33.1×9.60	10.45			10.90	10.40			11.35	10.30			
36.0		9.85	36.1×9.90			9.75	37.8×9.15		9.35	9.65			10.10	9.55			
38.0		9.20	9.20			9.10	9.05			9.00	39.5×8.50		8.90	8.90			
40.0	1至例例約	38.5×9.05	8.60	1200		8.50	8.45	1. N. N. N. N.	Call of the local division of the	8.40	8.35	No. of Lot	38.9×8.35	8.30	41.2×7.95	2750	
42.0			8.05			41.4×8.10	7.95			7.90	7.85			7.80	7.70	Carl and the same of	
44.0			7.60				7.45			7.40	7.35			7.35	7.25		
46.0			7.15	47.2×6.95	1		7.05			44.3×7.35	6.95			6.90	6.85		
48.0			46.5×7.05	6.75			6.65	49.3×6.35			6.55			47.2×6.65	6.45		
50.0	1. 田田田山	2. 2. 18 B. W.	中原油油	6.35	の市 あまり	3424	49.4×6.40	6.20	F 20 2 3 3	70000	6.20	51.5×5.85	1.000	11.2 0.00	6.10	1 Barrier	
52.0				6.05				5.85			5.90	5.75			5.80	53.6×5.4	
54.0				53.9×5.75				5.55			52.3×5.85	5.45	1		5.50	5.30	
56.0								5.30				5.15			55.2×5.30	5.05	
58.0								56.8×5.15				4.90			0.00	4.80	
60.0	44221	四,余 法 朱小	NA ANA	10000	等 清 法 新言	2250	* * * * *		26.8.94	0-22		59.7×4.70	OF STREET	大学学術	COLUMN AND A	4.55	
62.0																4.35	
62.6																4.25	

Jib Length (m)	清楚原因	4	10	C. M. M. Str.	43						
Tower Angle (°)	90	80	70	60	90	80	70	60			
Working Radius (m)	a miser de la		18.05 6.0			5 5 A -		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
15.6	21.05										
16.0	20.80				16.5×18.70						
18.0	19.35				18.50						
20.0	18.10	178-10		·李子子	18.20	C 4 5 8 4	the set of the set	GOTO			
22.0	17.05				17.25						
24.0	16.20				16.25						
26.0	15.50				15.35						
28.0	15.00	29.0×12.55			14.65						
30.0	14.45	11.95		19.9.9.3	14.05	30.2×11.75	Section Section	202 24			
32.0	12.95	11.00			13.10	10.90					
34.0	11.60	10.15			11.80	10.10					
36.0	10.45	9.45			10.65	9.35					
38.0	9.35	8.80	-		9.60	8.70					
40.0	8.30	8.20	4277	专有法则通	8.65	8.10	540-0-0-0	1.0.0.00			
42.0	41.8×7.35	7.70	43.0×7.40		7.75	7.60		D			
44.0		7.20	7.10		6.90	7.10	44.7×6.90				
46.0		6.80	6.70		44.7×6.55	6.70	6.60				
48.0		6.40	6.30			6.30	6.20	-			
50.0	20.00	6.05	5.95	和 新 (1973)	4427	5.95	5.85	10 (St. 16 (St. 16))			
52.0		50.1×6.00	5.65			5.65	5.55	-			
54.0			5.35	55.7×4.95		53.0×5.50	5.25				
56.0			5.10	4.85			5.00	57.8×4.55			
58.0			4.85	4.60			4.75	4.50			
60.0	10.00	NACT	58.1×4.80	4.40		No. of Concession, Name	4.50	4.25			
62.0				4.15			61.0×4.40	4.05			
64.0				3.95			51.044.40	3.85			
66.0				65.5×3.80				3.65			
68.0			7	00.00				3.50			
68.4								3.45			

XNotes for the 48 m tower are similar to those for the 36 m tower.



Working ranges shown are under unloaded condition.

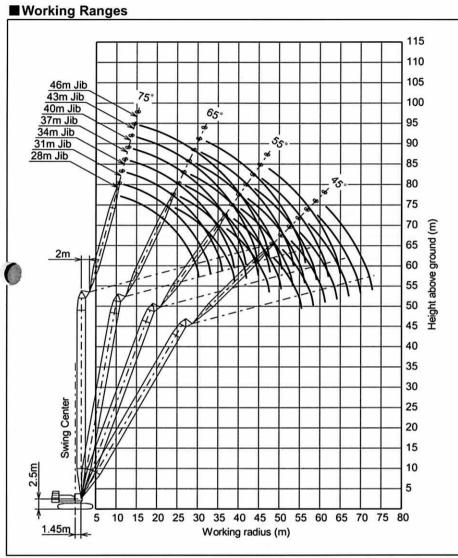
51 m Tower (2 Rope Reevings)

Rated Loads for Tower Crane

Jib Length (m)	的历史 美方	2 2 2 2	28	1.2.1.2.1	23.225	3	81		1220	-2	4	-	12231		37	
Tower Angle (°) Working Radius (m)	90	80	70	60	90	80	70	60	90	80	70	60	90	80	70	60
12.4	25.00				13.2×24.80					A. 4 C M A				1. 1. 1. 1. 1. 1.	State and	
14.0	25.00				24.70				23.70				14.9×21.75			
16.0	24.20				23.10				22.80				21.45	-	_	<u> </u>
18.0	22.70				21.50				21.20				20.30			
20.0	21.70	西南市 使用			20.30	An owner the owner of		California (California)	19.95	and a set	1. No. 2	12202	19.00	1.50-0Cat 91	TABES	0.02.208
22.0	21.10				19.45				18.95				17.95			
24.0	18.75	24.4×16.15			18.90	25.7×14.95			18.20				17.15			<u> </u>
26.0	16.10	14.80			16.70	14.70			17.75	26.9×13.95			16.50			<u> </u>
28.0	13.80	13.50			14.55	13.35			15.75	13.30			16.05	28.2×13.05		
30.0	11.55	12.40	a section of the	Sur here	12.65	12.25	10.00	10.00	13.95	12.15		13233	14.25	12.05	1	****
32.0	30.2×10.90	11.40			10.90	11.30			12.35	11.20			12.70	11.10		
34.0		10.55			33.1×9.60	10.45			10.85	10.35			11.35	10.25		<u> </u>
36.0		9.85	37.1×9.50			9.70			9.35	9.60			10.10	9.55		
38.0		9.20	9.20			9.05	38.8×8.80			8.95			8.90	8.85		
40.0	A	39.0×8.85	8.60	1222	1.1.1.1	8.45	8.40	2225	22.00	8.40	40.5×8.20	29247	38.9×8.30	8.30		1.1.0.00
42.0			8.05			41.9×7.95	7.90			7.85	7.80			7.75	42.3×7.65	
44.0			7.60				7.45			7.40	7.35			7.30	7.20	<u> </u>
46.0			7.15				7.00			44.8×7.20	6.90			6.85	6.80	
48.0			47.5×6.85	48.7×6.65			6.60				6.50			47.7×6.55	6.40	
50.0	推行的 法法	·····································	11623	6.35	0.0.0.2.	2348	6.25	50.8×6.10	1.66	Ward and	6.15	153.20	百千万九日	·····································	6.05	1 1 1 1 1
52.0				6.05			50.4×6.20	5.85			5.85	53.0×5.60			5.75	
54.0				5.70				5.55			53.3×5.65	5.40			5.45	55.1×5.1
56.0		()		55.4×5.50	-			5.25				5.15			5.15	5.00
58.0								5.00				4.90			56.2×5.15	4.75
60.0	10500	600000	法武学学	「市場市市	N-2-2-4-4	で、市場で	124.4.4.4	58.3×4.95				4.65	东南南市市	新闻 医子宫 医子宫	an an 45 and	4.50
62.0												61.2×4.50				4.30
64.0																4.05
64.1																4.05

Jib Length (m)	10000	4	0			4	3		10000	· · · · · · ·	12023	
Tower Angle (°) Working Radius (m)	90	80	70	60	90	80	70	60	90	80	70	60
15.7	19.85	132-52	1.5 2 2 3	7.2.2 2	1223	1000	2525	12.2.2.2		-		1.00.00.00.0
16.0	19.80				16.5×18.10			_	17.3×15.45			
18.0	19.30	I			17.80				15.35			
20.0	18.05	1.00.00.000		Statistics and	17.20	2	March Street	10-10-10-10-10-1	15.35	Contraction (Sec. 19)	1	
22.0	17.05	a second second	N-2-18-19-19	10-10-10-10-10-10-10-10-10-10-10-10-10-1	16.20		使有法 罪!	225531	14.85	中华的会	100.004	1204-004
24.0	16.15				15.35				14.65			
26.0	15.45		_	-	14.60		-		13.80	_		
28.0	14.95	29.5×12.25			14.00				13.20			
30.0	14.95	11.90	2-90 Dr. (r-1)	10-00-00-00-0	13.60	20 7 44 50	and the second second		12.55			
32.0	12.95	10.95	化学 加生活	0.001111	13.00	30.7×11.50 10.85	12021	****		40.75	2.00	12.00
34.0	12.95	10.95			11.75				11.90	10.75		
36.0			_			10.05			11.25	9.95		
38.0	10.40	9.40			10.60	9.30			10.60	9.20		
	9.30	8.75			9.60	8.65			9.70	8.55		
40.0	8.30	8.15	1.2.2.4.4	1 - A - A - A - A	8.65	8.10	医子子宫的	化化子油石	8.80	8.00	10000-0-10-1	1222
42.0	41.8×7.35	7.65			7.75	7.55			7.95	7.45		
44.0		7.15	7.05		6.85	7.10	45.7×6.65		7.20	7.00		
46.0		6.75	6.65		44.7×6.55	6.65	6.55		6.40	6.55	47.4×6.20	
48.0		6.35	6.25			6.30	6.15		47.6×5.80	6.20	6.05	
50.0	のなるない	6.00	5.90	12033	4.4.8.8.	5.90	5.80	84844	*****	5.85	5.70	
52.0		50.6×5.90	5.60			5.60	5.50			5.50	5.40	
54.0			5.30			53.5×5.40	5.20			5.20	5.10	
56.0			5.05	57.2×4.70			4.95			4.95	4.80	
58.0			4.80	4.55			4.70	59.3×4.30		56.4×4.90	4.55	
60.0		10.00	59.1×4.65	4.30	12000		4.45	4.20		I I I I I	4.35	61.4×3.90
62.0				4.10			4.25	4.00			4.15	3.85
64.0				3.90				3.75			3.95	3.65
66.0				3.70				3.60			64.9×3.85	3.45
68.0				67.0×3.60				3.40				3.25
70.0	No. 1 No.	Chi de Grande	11000	2	10.2.2.3	2222	12.2.1.2	69.9×3.25	14352	12500	570.03	3.10
72.0												2.95
72.8										_		2.90

%Notes for the 51 m tower are similar to those for the 36 m tower.



Working ranges shown are under unloaded condition.

75% Tipping Load

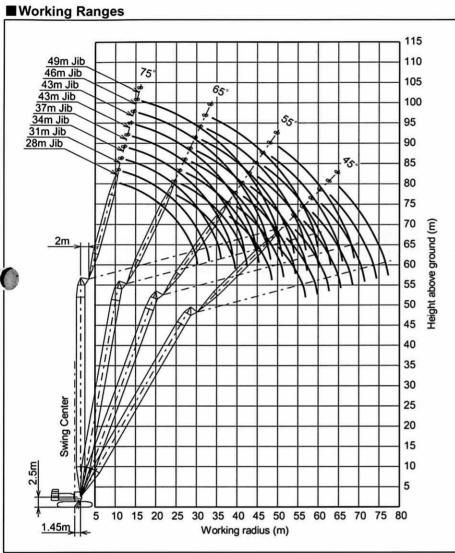
54 m Tower (2 Rope Reevings)

■ Rated Loads for Tower Crane

Unit: ton

Jib Length (m)		4	8	A 49 10 10 10 10		3	81	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		3	4	1		3	7	
Tower Angle (°)	90	80	70	60	90	80	70	60	90	80	70	60	90	80	70	60
Working Radius (m)	the second second	6 L	17			10.00 MP 10.0	and the second				bar Barn	State of		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1 1 2 2 2	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
12.4	25.00				13.3×23.20											
14.0	24.65				23.00				14.1×22.05				14.9×20.30			
16.0	23.95				22.35				21.55				20.05			
18.0	22.65	(21.45				21.00				19.55			
20.0	21.65		10000	2010/07/07	20.25	10000	10000	1000	19.90	19-5-5-5	10727	1.2.2.2.2	18.95	1222	C. A. Section	1233
22.0	21.05				19.40				18.90				17.90			
24.0	18.70	24.9×15.60			18.85				18.15			· · · · · · · · · · · · · · · · · · ·	17.10			
26.0	16.05	14.80			16.70	26.2×14.55			17.70	27.5×13.60			16.45			
28.0	13.75	13.50			14.50	13.35			15.75	13.25			16.05	28.7×12.70		
30.0	11.55	12.35			12.60	12.20	100000	1.9. M. M. M. M.	13.90	12.15	1 North St.	189.44	14.25	12.00	S AND	10.00
32.0	30.2×10.90	11.40			10.85	11.25			12.30	11.15			12.70	11.05		
34.0		10.55			33.1×9.60	10.40			10.85	10.35			11.30	10.20		
36.0		9.80				9.70			9.35	9.60			10.05	9.50		
38.0		9.20	38.1×9.20			9.00	39.9×8.50			8.95			8.85	8.85		
40.0	5550	39.5×8.70	8.60	(a) (a) (a) (a)		8.45	8.40	A 10 10 10	100000	8.35	41.6×7.90	1.100万元1	38.9×8.30	8.25	12226	1.0
42.0		33.3×0.70	8.05			7.90	7.90			7.85	7.75		00.0-0.00	7.75	43.3×7.35	
			7.55				7.40			7.35	7.30			7.25	7.20	
44.0			7.55			42.4×7.80	7.00			45.3×7.05	6.90			6.85	6.75	——
46.0										45.5×1.05					6.40	
48.0			6.75	50.0.000			6.60				6.50			6.45		-
50.0			48.5×6.65				6.25		18-0-5.8	10403	6.15	1.000.00	12210	48.2×6.40	6.00	-
52.0				6.00			51.4×6.00	52.3×5.80			5.80				5.70	
54.0				5.70				5.50			5.50	54.5×5.35			5.40	
56.0				5.40				5.20			54.3×5.45	5.10			5.15	5.66×4.9
58.0				56.9×5.30				4.95				4.85			57.2×4.95	4.70
60.0	****	化电影波的			2249	化化学学生	4.00	59.8×4.75			1-22-6	4.60	1		fringer of 4	4.45
62.0												4.35				4.20
64.0												62.7×4.30				4.00
65.6																3.85
Jib Length (m) Tower Angle (°)	90	80	70	60	90	80	70	60	90	80	70	60	90	80	70	60
Working Radius (m)	50	00		00	50	00										
15.7	18.50						Sec							P		
16.0	18.45				16.6×16.80			1.1	17.4×15.25							
18.0	18.05				16.60		20		15.15		- I I.	1.1.11	18.2×12.75	·		
20.0	17.65			Cardina and	16.25	11111	大田大学		14.85	1 10 10 10 10	1.000	100000	12.55	1.2.2.2	御御御子	1.000
22.0	17.00				15.95		10.00		14.60				12.30			
24.0	16.10				15.30	-	. 1 i	1.1.1.1	14.35		- I.		12.05			
26.0	15.45				14.60		1		13.75				11.80			
28.0	14.90				14.00				13.15	í II – IÍ	- L - L		11.60			
30.0	14.40	11.90	2126	1 10 10 10 TO	13.55	31.0×11.20	10.522	11121	12.50	10.00	10.00	10.000	11.05	in the local	10.00	1.00
32.0	12.90	10.90			13.05	10.85			11.85	32.5×10.50			10.40	33.8×9.85		
34.0	11.55	10.10		-	11.75	10.00			11.25	9.90		0.0 210	9.85	9.75		-
36.0	10.40	9.35			10.60	9.25			10.60	9.15			9.30	9.05		<u> </u>
38.0	9.30	8.70			9.55	8.60	<u> </u>		9.70	8.50	_		8.70	8.40		
		8.15	-	1-01-01-00-00	8.60	8.05	1.00.00.00.00		8.75	7.95	Call The second		8.10	7.80	A DECISION OF THE OWNER.	
40.0	8.25		2.2.2.2	1 m. 10 10 10		7.50			7.95	7.95	****	111111	7.60	7.30	1 10 10 2 10	
42.0	41.8×7.35	7.60	150.005		7.70							<u> </u>	7.60			
44.0		7.15	45.0×6.85		6.85	7.05	107.010		7.15	6.95	-	<u> </u>		6.80		
46.0		6.70	6.60		44.7×6.50	6.60	46.7×6.40		6.40	6.50	10 5 5 65		6.55	6.40		
48.0		6.30	6.20			6.25	6.10		47.6×5.80	6.15	48.5×5.95		5.90	6.00		
50.0	63003	5.95	5.85	1-223	正常不安)	5.90	5.75	1200		5.80	5.65		5.25	5.65	50.2×5.50	2.6 2.5
52.0		51.1×5.80	5.55			5.55	5.45			5.45	5.35		50.5×5.10		5.20	
54.0			5.25			5.25	5.15			5.15	5.05			5.05	4.90	
56.0			5.00				4.90			4.90	4.75			4.75	4.60	
58.0			4.75	58.7×4.45			4.65			56.9×4.80	4.50			4.50	4.35	
	0.00.00.00.0	10.00	4.50	4.25	a-10.00	小水水水水	4.40	60.8×4.05			4.30	0.112	12223	59.8×4.30	4.15	224
60.0			60.1×4.50	4.05			4.20	3.90			4.05	62.9×3.70			3.95	
60.0 62.0				3.80			63.0×4.10				3.85	3.55			3.75	65.1×3.2
62.0							1	3.50			65.9×3.70	3.35				3.15
62.0 64.0				3.65											3.55	
62.0 64.0 66.0				3.65		-					03.3×3.70					
62.0 64.0 66.0 68.0	****		12873	3.45			an out of the lot	3.30			03.3×3.70	3.15			3.35	2.90
62.0 64.0 66.0 68.0 70.0	8552	2123	13 1 1 7		-	or k a s	10 AP 10 10 10	3.30 3.15	5552	0.555	00.3×3.70	3.15 3.00		10107		2.90 2.70
62.0 64.0 66.0 68.0 70.0 72.0		15555		3.45		or kin t	0.0000	3.30	1191	0333	00.3×3.70	3.15 3.00 2.80		18187	3.35	2.90 2.70 2.50
62.0 64.0 66.0 78.0 70.0 72.0 74.0			13113	3.45	iles et e	Cor k in th	10 AC 10 10 (3.30 3.15	6392	6835	00.0×0.70	3.15 3.00 2.80 2.60		10107	3.35	2.90 2.70 2.50 2.30
62.0 64.0 66.0 68.0 70.0 72.0	****	(2222	13113	3.45		1 - 1 - 1	0.00 0 0.0	3.30 3.15	5552	5655	0.3×3.70	3.15 3.00 2.80		14101	3.35	2.90 2.70 2.50

Whether the second s



Working ranges shown are under unloaded condition.

75% Tipping Load

57 m Tower (2 Rope Reevings)

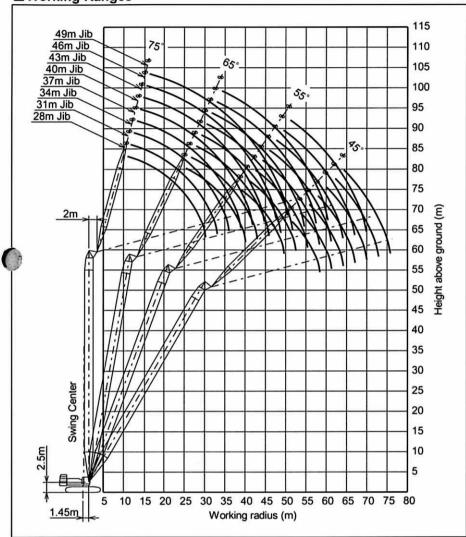
■Rated Loads for Tower Crane

Unit: ton

Jib Length (m)	and the second second	And the other states and		Contract of the second			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1. 1. 1. 1. 1. 1.	金 李 李 平 可	2 - 大田田	100000	States of Concession, Name	Contraction of the local division of the loc	the second second	7	P
Tower Angle (°)	90	80	70	60	90	80	70	60	90	80	70	60	90	80	70	60
Working Radius (m)	23.80	Acres to an of	9-2-2-6		13.3×21.90	ACCESSION NO.		A STATE OF A	2-12-2-17		1.1.2.2.3	and the second s	the second		1.00	-
12.5	23.80	·			21.70				14.1×20.90				15.0×19.20			
14.0					21.15				20.35				18.95			
16.0	22.65								19.90				18.55			
18.0	21.65				20.60						in the second second			-		_
20.0	20.90	Robert House	2000		19.70		1000	1.2.2.1	19.05		54243	22022	18.10	Contractor and	the last sector of	
22.0	20.15				18.85				18.50				17.40			
24.0	18.70	25.4×15.20			18.20				17.75				16.75			
26.0	16.05	14.75			16.65	26.7×14.10			17.20				16.15			
28.0	13.75	13.45			14.50	13.30			15.70	13.20	-		15.70	29.2×12.40		
30.0	11.55	12.30	25-27	10000	12.60	12.15	where the P	10000	13.90	12.10	医肠溃疡 化	10859	14.25	11.95		1
32.0	30.2×10.90	11.35			10.85	11.20			12.30	11.10			12.70	11.00		
34.0	30.2×10.50	10.50			33.1×9.60	10.35			10.80	10.30			11.30	10.20		
				-	33.1×9.00				9.35	9.55			10.05	9.45		
36.0		9.75				9.65			9.55							-
38.0		9.10	39.2×8.85			9.00				8.90			8.85	8.80		
40.0	1 年年 2 年	8.55	8.55	10000		8.40	40.9×8.15	12027	10022	8.30	4 4 4 4 4	129.43	38.9×8.25	8.20		
42.0			8.00			7.85	7.85			7.80	42.6×7.60			7.70		
44.0			7.55			42.9×7.65	7.40			7.30	7.25			7.20	44.3×7.10	
46.0			7.10				6.95			45.8×6.90	6.85			6.80	6.70	
48.0			6.70				6.55				6.45			6.40	6.35	
		100 Co. 10. 10. 10.	49.6×6.40	517.005	the second second	1000	6.20	0.00000	distances in the	8-0-0-0-1	6.10		0.000.001	48.7×6.25	6.00	1.000
50.0	1.8.2.2.3	ALE 10 10 10	49.0×0.40	51.7×6.05	Row Scones			530 5 55	P. T. H. Z. T.		5.80	12293	5-2-2-2	40.7×0.23	5.65	
52.0				6.00			5.85	53.8×5.55								
54.0				5.70			52.5×5.80	5.50			5.50				5.35	
56.0				5.40				5.20			55.4×5.30	5.10			5.10	_
58.0				5.10				4.95				4.80			4.85	58.1×
60.0	10134	Sec. 2010. 1011		58.4×5.05	The site of the lat	10000	トラキアモ	4.70	The second second	A 10 10 10 1	10.00	4.55	保护金属市	"你"你"你"你"	58.2×4.80	4.4
62.0		100 m m						61.3×4.55				4.35				4.2
64.0								01.041.00				4.10				3.9
												64.2×4.10				3.7
66.0												04.2×4.10				3.6
67.1 Jib Length (m)	19523	4	0			4	3			30.00 - C	16	1		49	4.5.5.5.5	
67.1 Jib Length (m) Tower Angle (°)	90	4 80	0 70	60	90	80	3 70	60	90	80	6 70	60	90	49 80	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m)	90 17.50	10 A. R. C.	10 10 10 10	60	90	1. 1. 1. 1.	To be set to be	60	90	36.36 - C		60	90	and the state of the	70	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) 15.8	17.50	10 A. R. C.	10 10 10 10	60	0.000	1. 1. 1. 1.	To be set to be	60	12451	36.36 - C		60	90	and the state of the	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0	17.50 17.45	10 A. R. C.	10 10 10 10	60	16.6×15.90	1. 1. 1. 1.	To be set to be	60	17.5×14.40	36.36 - C		60		and the state of the	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) 15.8 16.0 18.0	17.50 17.45 17.05	10 A. R. C.	10 10 10 10	60	16.6×15.90 15.65	1. 1. 1. 1.	To be set to be	60	17.5×14.40 14.35	36.36 - C		60	18.3×12.60	and the state of the	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0 18.0 20.0	17.50 17.45 17.05 16.70	10 A. R. C.	10 10 10 10	60	16.6×15.90 15.65 15.35	1. 1. 1. 1.	To be set to be	60	17.5×14.40 14.35 14.05	36.36 - C		60	18.3×12.60 12.40	and the state of the	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0	17.50 17.45 17.05 16.70 16.40	10 A. R. C.	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05	1. 1. 1. 1.	To be set to be	60	17.5×14.40 14.35 14.05 13.75	36.36 - C		60	18.3×12.60 12.40 12.20	and the state of the	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0	17.50 17.45 17.05 16.70 16.40 15.75	10 A. R. C.	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05 14.80	1. 1. 1. 1.	To be set to be	60	17.5×14.40 14.35 14.05 13.75 13.50	30.00 - C		60	18.3×12.60 12.40 12.20 12.00	and the state of the	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15	10 A. R. C.	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05 14.80 14.25	1. 1. 1. 1.	To be set to be	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30	30.00 - C		60	18.3×12.60 12.40 12.20 12.00 11.80	and the state of the	70	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 24.0 26.0 28.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65	80	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05 14.80 14.25 13.75	80	To be set to be	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85	30.00 - C		60	18.3×12.60 12.40 12.20 12.00 11.80 11.55	and the state of the	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15	10 A. R. C.	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30	80 	To be set to be	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50	80	70	60	18.3×12.60 12.40 12.20 12.00 11.80 11.55 11.00	and the state of the	70	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 24.0 26.0 28.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65	80	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05 14.80 14.25 13.75	80	To be set to be	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85	30.00 - C	70	60	18.3×12.60 12.40 12.20 12.00 11.80 11.55	and the state of the	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90	80	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30	80 	To be set to be	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50	80	70	60	18.3×12.60 12.40 12.20 12.00 11.80 11.55 11.00	and the state of the	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55	80 30.5×11.55 10.85 10.05	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75	80 31.8×10.90 10.75 9.95	To be set to be	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85	80 33.1×10.25	70	60	18.3×12.60 12.40 12.20 12.00 11.80 11.55 11.00 10.35	80	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35	80 30.5×11.55 10.85 10.05 9.30	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55	80 31.8×10.90 10.75 9.95 9.20	To be set to be	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60	80 33.1×10.25 9.85 9.10	70	60	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30	80 34.3×9.20 8.95	70	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 24.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 14.25 12.90 11.55 10.35 9.25	80 30.5×11.55 10.85 10.05 9.30 8.65	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55	80 31.8×10.90 10.75 9.95 9.20 8.55	70	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.25 11.20 10.60 9.65	80 33.1×10.25 9.85 9.10 8.45	70	60	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65	80 34.3×9.20 8.95 8.30	70	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10	10 10 10 10	60	16.6×15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00	To be set to be	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75	80 33.1×10.25 9.85 9.10 8.45 7.90	70	60	18.3×12.60 12.40 12.20 12.00 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10	80 34.3×9.20 8.95 8.30 7.75	70	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 14.25 12.90 11.55 10.35 9.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55	10 10 10 10	60	16.6-15.90 15.65 15.35 15.05 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45	70	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35	70	60	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60	80 34.3-9.20 8.95 8.30 7.75 7.25	70	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10	70	60	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00	70	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90	70	60	18.3×12.60 12.40 12.20 12.00 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05	80 34.3×9.20 8.95 8.30 7.75 6.75	70	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65	6.55	60	16.6-15.90 15.65 15.35 15.05 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55	70	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45	70	60	18.3×12.60 12.40 12.20 12.00 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55	80 34.3-9.20 8.95 8.30 7.75 7.25 6.35	70	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10	70	60	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00	70	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90	70	60	18.3×12.60 12.40 12.20 12.00 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05	80 34.3×9.20 8.95 8.30 7.75 6.75	70	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65	6.55	60	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55	70	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45	70	60	18.3×12.60 12.40 12.20 12.00 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55	80 34.3-9.20 8.95 8.30 7.75 7.25 6.35	70	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30	6.55 6.20	60	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20	70 47.8×6.15 6.05	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10	70	60	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90	80 34.3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95		
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50	60	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.920 8.55 8.00 7.45 7.00 6.55 6.20 5.85	70 47.8×6.15 6.05 5.70	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10 5.75	70 49.5×5.70 5.60	60	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34.3×9.20 8.95 8.30 7.75 6.75 6.75 6.75 5.95 5.60	512×525	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 24.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.20	60	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50 5.20	70 47.8×6.15 6.05 5.70 5.40 5.10	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 6.45 6.10 5.75 5.40 5.10	70 49.5×5.70 5.60 5.30 5.00	60	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34.3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95 5.60 5.30	512×525	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50 5.20 4.95	60	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50	70 47.8×6.15 6.05 5.70 5.10 4.85	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10 5.75 5.40 5.75 5.40 5.10 4.85	70 49.5×5.70 5.60 5.30 5.00 4.70	60	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34.3×9.20 8.95 8.30 7.75 7.25 6.75 5.95 5.60 5.30 5.00 4.70	512×525 5.10 4.85 4.55	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50 5.20 4.95 4.70		16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50 5.20	70 47.8×6.15 6.05 5.70 5.40 5.10 4.85 4.60	60	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 6.45 6.10 5.75 5.40 5.10	70 49.5×5.70 5.60 5.30 5.00 4.70 4.45	60	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34.3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95 5.60 5.30 5.00 4.70 4.45	51.2×5.25 5.10 4.85 4.55 4.30	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50 5.20 4.95 4.70 4.45	60.2×4.10	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50 5.20	70 47.8×6.15 6.05 5.70 5.40 5.10 4.85 4.60 4.35		17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10 5.75 5.40 5.75 5.40 5.10 4.85	70 49.5×5.70 5.60 5.30 5.00 4.70 4.45 4.25	60	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34 3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95 5.60 5.30 5.00 4.70 4.45 4.25	512×525 5.10 4.85 4.55 4.30 4.10	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50 5.20 4.95 4.70	60.2×4.10 3.90	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50 5.20	70 47.8×6.15 6.05 5.70 5.40 5.10 4.85 4.60 4.35 4.15	62.3×3.65	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10 5.75 5.40 5.75 5.40 5.10 4.85	70 49.5×5.70 5.60 5.30 5.00 4.70 4.45 4.25 4.00		18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34.3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95 5.60 5.30 5.00 4.70 4.45	512×525 512×525 510 4.85 4.30 4.10 3.85	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0 64.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50 5.20 4.95 4.70 4.45	60.2×4.10 3.90 3.65	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50 5.20	70 47.8×6.15 6.05 5.70 5.40 5.10 4.85 4.60 4.35	62.3×3.65	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10 5.75 5.40 5.75 5.40 5.10 4.85	70 49.5*5.70 5.60 5.30 4.70 4.45 4.25 4.25 3.80	64.4×3.15	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34 3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95 5.60 5.30 5.00 4.70 4.45 4.25	512×525 5.10 4.85 4.55 4.30 4.10 3.85 3.65	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50 5.20 4.95 4.70 4.45	602×4.10 3.90 3.65 3.40	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50 5.20	70 47.8×6.15 6.05 5.70 5.40 5.10 4.85 4.60 4.35 4.15	62.3×3.65 3.45 3.20	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10 5.75 5.40 5.75 5.40 5.10 4.85	70 49.5×5.70 5.60 5.30 5.00 4.70 4.45 4.25 4.00	64.4×3.15 2.95	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34 3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95 5.60 5.30 5.00 4.70 4.45 4.25	512×525 510 4.85 4.30 4.10 3.85 3.65 3.45	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 24.0 24.0 26.0 24.0 26.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 58.0 60.0 62.0 64.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50 5.20 4.95 4.70 4.45	60.2×4.10 3.90 3.65	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50 5.20	70 47.8×6.15 6.05 5.70 5.40 5.10 4.85 4.60 4.35 4.15	62.3×3.65	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10 5.75 5.40 5.75 5.40 5.10 4.85	70 49.5*5.70 5.60 5.30 4.70 4.45 4.25 4.25 3.80	64.4×3.15	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34 3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95 5.60 5.30 5.00 4.70 4.45 4.25	512×525 5.10 4.85 4.55 4.30 4.10 3.85 3.65	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0 64.0 66.0 68.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50 5.20 4.95 4.70 4.45	60.2x4.10 3.90 3.65 3.40 3.20	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50 5.20	70 47.8×6.15 6.05 5.70 5.40 5.10 4.85 4.60 4.35 4.15	62.3×3.65 3.45 3.20 3.00	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10 5.75 5.40 5.75 5.40 5.10 4.85	70 49.5×5.70 5.60 5.30 5.00 4.70 4.45 4.25 4.00 3.80 3.60	64.4×3.15 2.75	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34 3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95 5.60 5.30 5.00 4.70 4.45 4.25	51.2×5.25 5.10 4.85 4.55 4.30 4.10 3.85 3.65 3.45 3.30	
67.1 Jib Length (m) Tower Angle (*) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0 68.0 70.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50 5.20 4.95 4.70 4.45	602×4.10 3.90 3.65 3.40	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50 5.20	70 47.8×6.15 6.05 5.70 5.40 5.10 4.85 4.60 4.35 4.15	62.3×3.65 3.45 3.20 2.80	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10 5.75 5.40 5.75 5.40 5.10 4.85	70 49.5×5.70 5.60 5.30 5.00 4.70 4.45 4.25 4.00 3.80 3.60	64.4×3.15 2.75 2.55	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34 3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95 5.60 5.30 5.00 4.70 4.45 4.25	512×525 510 4.85 4.30 4.10 3.85 3.65 3.45	
67.1 Jib Length (m) Tower Angle (°) Working Radius (m) \ 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0 64.0 66.0 68.0	17.50 17.45 17.05 16.70 16.40 15.75 15.15 14.65 14.25 12.90 11.55 10.35 9.25 8.25	80 30.5×11.55 10.85 10.05 9.30 8.65 8.10 7.55 7.10 6.65 6.30 5.90	6.55 6.20 5.85 5.50 5.20 4.95 4.70 4.45	60.2x4.10 3.90 3.65 3.40 3.20	16.6.15.90 15.65 15.35 15.05 14.80 14.25 13.75 13.30 12.95 11.75 10.55 9.55 8.60 7.70 6.80	80 31.8×10.90 10.75 9.95 9.20 8.55 8.00 7.45 7.00 6.55 6.20 5.85 5.50 5.20	70 47.8×6.15 6.05 5.70 5.40 5.10 4.85 4.60 4.35 4.15	62.3×3.65 3.45 3.20 3.00	17.5×14.40 14.35 14.05 13.75 13.50 13.30 12.85 12.50 11.85 11.20 10.60 9.65 8.75 7.90 7.15 6.40	80 33.1×10.25 9.85 9.10 8.45 7.90 7.35 6.90 6.45 6.10 5.75 5.40 5.75 5.40 5.10 4.85	70 49.5×5.70 5.60 5.30 5.00 4.70 4.45 4.25 4.00 3.80 3.60	64.4×3.15 2.75	18.3×12.60 12.40 12.20 11.80 11.55 11.00 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.55 5.90 5.25	80 34 3×9.20 8.95 8.30 7.75 7.25 6.75 6.35 5.95 5.60 5.30 5.00 4.70 4.45 4.25	51.2×5.25 5.10 4.85 4.55 4.30 4.10 3.85 3.65 3.45 3.30	

XNotes for the 57 m tower are similar to those for the 36 m tower.

■Working Ranges



Working ranges shown are under unloaded condition.

75% Tipping Load

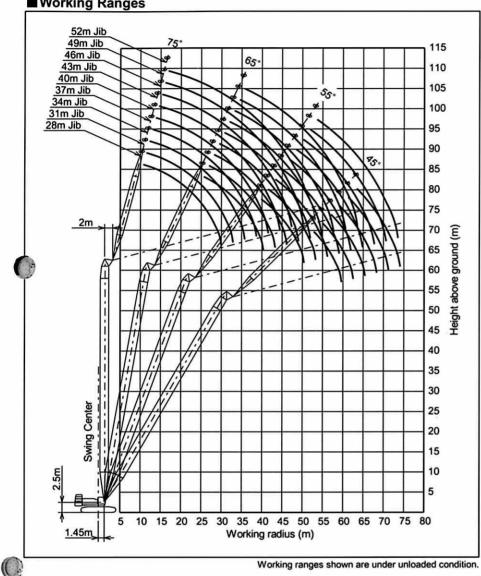
$60_{\rm m\,Tower\,(2\,Rope\,Reevings)}$

Rated	Loads	for 1	Tower	Crane

Jib Length (m)	2.2.2.1	2	28	0.02.0.1	1522	3	1	10000	(1) (1) (1) (1)	11 - 4	4	STOR:	No. of Street, or other	3	37	Q. 4 17 4	
Tower Angle (°)	1200	1-1-1-1-1-1-1		1 1 1 1 1	1200	And and a second second	a state of the state of the	in manual in the	28.5 4	10000	10-10-10-10-1	10. P. A. A. A.	- male	The strength of the		-	
Vorking Radius (m)	90	80	70	60	90	80	70	60	90	80	70	60	90	80	70	60	
12.5	21.40	arrest the first de	AP 101, 341-101		13.4×19.75					2-20-30-30-40	1417-1412 (1817-1917-1	THE REPORT OF LATE	1.0.0		-	Concernances	
12.5	21.40				19.60				14.2×18.85				15.0×17.35				
																	6
16.0	20.45				19.10		-	<u></u>	18.45				17.15			_	
18.0	20.00				18.60				18.05				16.75				
20.0	19.55	() 一 一 一 一	1 1 1 1 1 1	1156	18.20	10000	10 mm	in the second second	17.65	4-11-11-12	形形成寺房	在市场的	16.40	On the late and	the second second second	A COLUMN TWO IS NOT	
22.0	19.20				17.75				17.25				16.10			-	
24.0	18.60				17.30				16.80				15.80				
26.0	16.00	14.35				27.2×13.45			16.25				15.25			-	
28.0	13.70	13.10			14.40	12.95			15.65	28.5×12.65			14.75	29.8×11.85	2 - 2		
30.0	11.50	12.00			12.50	11.90	-	-	13.80	11.80	LONG LAND		14.15	11.70	Contraction of the	CALCULATION CALC	
			2-10-10-10-10	11 11 11 11 11			10.00 Server.	and an extension			1.00.00.00	a a contra			the second s		
32.0	30.2×10.90	11.10			10.75	10.95			12.20	10.85			12.60	10.80			
34.0		10.25			33.1×9.60	10.15		4.	10.75	10.05			11.20	10.00			
36.0		9.55				9.45			9.25	9.35			9.95	9.25			
38.0		8.90				8.80				8.75			8.75	8.65			1
40.0	10.00.00	8.35	40.2×8.35		12.2.2.2	8.25	41.9×7.75	10.0716.00	(美術品)	8.20	(京都)清清	159.85	38.9×8.20	8.10	1.000	化电池 化	0
42.0		40.6×8.20	7.85	-		7.75	7.70	-		7.65	43.6×7.20	-		7.60			
44.0		40.0-0.20	7.40			43.5×7.40	7.20			7.20	7.10			7.15	45.3×6.70		
44.0			6.95	5		40.041.40	6.80			6.80	6.70			6.75	6.55		
						-											
48.0			6.55				6.40			46.4×6.75	6.30			6.35	6.20		
50.0	法宗教派	白喉 把 给 准	6.20	和 御 御 御 四	2000	A Section	6.05	Real L	4224	4-1-1-1-2	5.95	122.72	17440	49.3×6.15	5.85		
52.0			50.6×6.10	53.2×5.80			5.75				5.65				5.50		
54.0				5.65			53.5×5.50	55.3×5.20			5.35				5.20		
56.0				5.35				5.05			5.05	57.5×4.65			4.95		
58.0				5.05				4.75			56.4×5.00	4.55			4.70	59.6×4.10	
60.0	A. (1997) A. (1997)	10.00	100 million (100 million)	59.9×4.80	and the state of the	to the second of	1000	4.45	10.00.00.00	1.00.00.00.00	00.4-0.00	4.25	1.000.000.000.000	AT THE OWNER OF	59.3×4.55	4.00	
	の市名を	田田田田	9.061 W. 1961	39.9×4.00		1	12.000	111 111 111		12522	2-1-2-2				09.3×4.00		
62.0								4.20				4.00				3.75	
64.0								62.8×4.10				3.75				3.50	0
66.0				· · · · · · · · · · · · · · · · · · ·								65.7×3.55				3.30	
68.0																3.05	
68.6																3.00	
																0.00	
Jib Length (m)		1. S. S. H.	0			4	1. 5	*****	をひたり、 あったのでの	46		*****	49		1 4 5 A 1	52	19. ST.
Tower Angle (°)	90	4 80	0 70	60	90	4 80	3 70	60	90	46 80	70	90	49 80	70	90		- 7
Tower Angle (°) Working Radius (m)	and the second	1. S. S. H.		60	90	100 - 100 -	1. 5	60	90	中东市市	70	90	10.00.00	70	90	52	7
Tower Angle (°) Working Radius (m) 15.8	15.85	1. S. S. H.		60		100 - 100 -	1. 5	60	1.1.2.2.1	中东市市	70	90	10.00.00	70	90	52	7
Tower Angle (°) Norking Radius (m) 15.8 16.0	15.85 15.80	1. S. S. H.		60	16.7×14.40	100 - 100 -	1. 5	60	17.5×13.00	中东市市	70	A 23 41	10.00.00	70		52	7
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0	15.85 15.80 15.45	1. S. S. H.		60	16.7×14.40 14.20	100 - 100 -	1. 5	60	17.5×13.00 12.95	中东市市	70	18.3×11.55	10.00.00	70.	19.1×10.25	52	7
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0	15.85 15.80 15.45 15.10	1. S. S. H.		60	16.7×14.40 14.20 13.90	100 - 100 -	1. 5	60	17.5×13.00 12.95 12.70	中东市市	70	18.3×11.55 11.40	10.00.00	70.	19.1×10.25 10.20	52	2
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0	15.85 15.80 15.45	1. S. S. H.		60	16.7×14.40 14.20	100 - 100 -	1. 5	60	17.5×13.00 12.95	中东市市	70	18.3×11.55	10.00.00	70.	19.1×10.25	52	7
Tower Angle (°) Norking Radius (m) 15.8 16.0 18.0 20.0	15.85 15.80 15.45 15.10	1. S. S. H.		60	16.7×14.40 14.20 13.90	100 - 100 -	1. 5	60	17.5×13.00 12.95 12.70	中东市市	70	18.3×11.55 11.40	10.00.00	70	19.1×10.25 10.20	52	7
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0	15.85 15.80 15.45 15.10 14.80 14.55	1. S. S. H.		60	16.7×14.40 14.20 13.90 13.65 13.40	100 - 100 -	1. 5	60	17.5×13.00 12.95 12.70 12.45 12.25	中东市市	70	18.3×11.55 11.40 11.20 11.00	10.00.00	70	19.1×10.25 10.20 10.00 9.85	52	7 7
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30	1. S. S. H.		60	16.7×14.40 14.20 13.90 13.65 13.40 13.15	100 - 100 -	1. 5	60	17.5×13.00 12.95 12.70 12.45 12.25 12.05	中东市市	70	18.3×11.55 11.40 11.20 11.00 10.85	10.00.00	70	19.1×10.25 10.20 10.00 9.85 9.65	52	
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80	80		60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80	100 - 100 -	1. 5	60	17.5×13.00 12.95 12.70 12.45 12.25 12.05 11.85	中东市市	70	18.3×11.55 11.40 11.20 11.00 10.85 10.70	10.00.00	70.	19.1×10.25 10.20 10.00 9.85 9.65 9.50	52	
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35	80 31.0×11.10		60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40	80	1. 5	60	17.5×13.00 12.95 12.70 12.45 12.25 12.05 11.85 11.55	80	70	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55	10.00.00	70.	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30	52	
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80	80 31.0×11.10 10.65		60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00	80	1. 5	60	17.5+13.00 12.95 12.70 12.45 12.25 12.05 11.85 11.55 11.10	80 33.6×9.20	70	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35	80	70	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15	52	**************************************
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45	80 31.0×11.10 10.65 9.85		60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60	80 32.3×10.20 9.75	1. 5	60	17.5×13.00 12.95 12.70 12.45 12.25 12.05 11.85 11.55 11.10 10.70	80 33.6-9.20 9.20	70	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85	80	70	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00	52 80	**************************************
Tower Angle (°) Vorking Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 10.25	80 31.0×11.10 10.65 9.85 9.15		60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50	80 32.3×10.20 9.75 9.05	1. 5	60	17.5×13.00 12.95 12.70 12.45 12.25 12.05 11.85 11.55 11.55 11.10 10.70 10.20	80 33.6-9.20 9.20 9.00	70	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.30	80 34.8-8.10 8.05	70	19.1×10.25 10.20 10.00 9.85 9.50 9.50 9.30 9.15 9.00 8.80	52 80 36.1×7.00	**************************************
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45	80 31.0×11.10 10.65 9.85 9.15 8.55		60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.40 12.00 11.60 10.50 9.45	80 32.3×10.20 9.75 9.05 8.45	1. 5	60	17.5×13.00 12.95 12.70 12.45 12.25 12.05 11.85 11.55 11.55 11.10 10.70 10.20 9.55	80 336-920 9.20 9.00 8.35	70	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.30 8.65	80 34.8-8.10 8.05 7.95	70	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60	52 80 36.1×7.00 6.95	
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 10.25	80 31.0×11.10 10.65 9.85 9.15		60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50	80 32.3×10.20 9.75 9.05	1. 5	60	17.5×13.00 12.95 12.70 12.45 12.25 12.05 11.85 11.55 11.55 11.10 10.70 10.20	80 33.6-9.20 9.20 9.00	70	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.30	80 34.8-8.10 8.05	70	19.1×10.25 10.20 10.00 9.85 9.50 9.50 9.30 9.15 9.00 8.80	52 80 36.1×7.00	
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.80 13.35 12.80 11.45 10.25 9.20	80 31.0×11.10 10.65 9.85 9.15 8.55		60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.40 12.00 11.60 10.50 9.45	80 32.3×10.20 9.75 9.05 8.45	1. 5	60	17.5×13.00 12.95 12.70 12.45 12.25 12.05 11.85 11.55 11.55 11.10 10.70 10.20 9.55	80 336-920 9.20 9.00 8.35	70	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.30 8.65	80 34.8-8.10 8.05 7.95	70	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60	52 80 36.1×7.00 6.95	
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45		60	16.7.14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40	1. 5	60	17.5.13.00 12.95 12.70 12.45 12.25 12.05 11.85 11.55 11.55 11.10 10.70 10.20 9.55 8.65 7.80	80 336·920 9.20 9.00 8.35 7.80 7.30	70	18.3-11.55 11.40 11.20 10.85 10.70 10.55 10.35 9.85 9.30 8.65 8.10 7.60	80 34.8×8.10 8.05 7.95 7.70 7.20	70	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45	52 80 36.1×7.00 6.95 6.85 6.80	· · · · · · · · · · · · · · · · · · ·
Tower Angle (*) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.45 7.00	70	60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95	1. 5	60	17.5×13.00 12.95 12.70 12.45 12.25 12.05 11.85 11.55 11.10 10.70 10.20 9.55 8.65 7.80 7.05	80 336-920 9.20 9.00 8.35 7.80 7.30 6.85	70	18.3.11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.30 8.65 8.10 7.60 7.05	80 34.8-8.10 8.05 7.95 7.70 6.75	70	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90	52 80 36.1-7.00 6.95 6.85 6.85 6.85 6.85	· · · · · · · · · · · · · · · · · · ·
Tower Angle (*) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0-11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.00 6.60	47.1.6.20	60	16.7.14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60	80 32.3-10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55	70	60	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 336-920 9.20 9.00 8.35 7.80 7.30 6.85 6.45	70	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.30 8.65 8.10 7.60 7.05 6.45	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35	70	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.60 8.60 8.60 8.60 8.60 8	52 80 36.1×7.00 6.95 6.85 6.85 6.85 6.65 6.20	
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 6.60 6.25	70 47.1×6.20 6.00	60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32 3 · 10 20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15	48.8-5.80	60	17.5×13.00 12.95 12.70 12.45 12.25 12.05 11.85 11.55 11.10 10.70 10.20 9.55 8.65 7.80 7.05	80 336-920 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.10		18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.30 8.65 8.10 7.60 7.05 6.45 5.80	80 34.8-8.10 7.95 7.70 7.20 6.75 6.35 5.95	70	19.1×10.25 10.20 10.00 9.85 9.50 9.30 9.15 9.00 8.80 8.60 8.80 7.45 6.90 6.30 5.80	52 80 36.1×7.00 6.95 6.85 6.80 6.65 6.20 5.85	
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.85 7.95 7.45 7.00 6.60 6.25 5.90	70 47.1.6.20 6.00 5.65	60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3.10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.15 5.85	70 48.8-5.80 5.55	60	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6-9.20 9.20 9.20 9.305 8.35 7.80 7.30 6.85 6.45 6.45 6.10 5.75	50.5~5.35	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60		19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.60 8.60 8.60 8.60 7.45 6.90 6.30 5.80 5.15	52 80 36.1-7.00 6.95 6.85 6.80 6.65 6.20 5.85 5.50	
Tower Angle (*) Vorking Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	47.1.6.20 6.00 5.65 5.35	60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50	48.8-5.80 5.55 5.25	60	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6·920 9.20 9.20 9.00 8.35 7.80 7.30 6.85 6.45 6.45 6.45 5.75 5.40	50.5×5.35	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.30 8.65 8.10 7.60 7.05 6.45 5.80	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30	522-4.90	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1-7.00 6.95 6.85 6.80 6.65 6.20 5.85 5.50 5.20	53.5
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.85 7.95 7.45 7.00 6.60 6.25 5.90	70 47.1.6.20 6.00 5.65	60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3.10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.15 5.85	70 48.8-5.80 5.55	60	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6-9.20 9.20 9.20 9.305 8.35 7.80 7.30 6.85 6.45 6.45 6.10 5.75	50.5~5.35	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60		19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.60 8.60 8.60 8.60 7.45 6.90 6.30 5.80 5.15	52 80 36.1-7.00 6.95 6.85 6.80 6.65 6.20 5.85 5.50	53.5
Tower Angle (°) Vorking Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	47.1.6.20 6.00 5.65 5.35	60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50	48.8-5.80 5.55 5.25	60	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6·920 9.20 9.20 9.00 8.35 7.80 7.30 6.85 6.45 6.45 6.45 5.75 5.40	50.5×5.35	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30	522-4.90	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1-7.00 6.95 6.85 6.80 6.65 6.20 5.85 5.50 5.20	53.5
Tower Angle (°) Vorking Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 46.0 48.0 50.0 52.0 54.0 56.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	70 47.1×6.20 6.00 5.65 5.35 5.05 4.80	60	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50 5.50 5.20	70 48.8-5.80 5.55 5.25 4.95 4.70	60	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6-9.20 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.45 6.45 5.75 5.40 5.10 4.85	50.5×5.35 5.10 4.85 4.55	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 6.75 6.35 5.95 5.60 5.30 4.70	522:4.90 4.65 4.40	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1×7.00 6.95 6.85 6.80 6.65 5.50 5.20 5.20 4.95 4.65	53.9
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 56.0 52.0 54.0 56.0 58.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	70 47.1.6.20 6.00 5.65 5.35 5.05 4.80 4.55		16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50 5.50 5.20	48.8-5.80 5.55 5.25 4.95 4.70 4.45	60	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6.9.20 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.45 6.45 5.75 5.40 5.10 4.85 4.60	50.5-5.35 5.10 4.85 4.35 4.30	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 34.8-8.10 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30 5.00 5.30 5.00 4.70 4.45	52.2×4.90 4.65 4.40 4.15	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1×7.00 6.95 6.85 6.80 6.65 6.20 5.85 5.50 5.20 4.95 4.95 4.465	
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 50.0 52.0 54.0 58.0 60.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	70 47.1.6.20 6.00 5.65 5.35 5.05 4.85 4.55 4.30	61.7×3.50	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50 5.50 5.20	70 48.8-5.80 5.55 5.25 4.95 4.70 4.45 4.20		17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6-9.20 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.45 6.45 5.75 5.40 5.10 4.85	50.5-5.35 5.10 4.85 4.55 4.30 4.10	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30 5.00 4.70 5.00 4.70 4.45	522:490 4.65 4.40 4.15 3.95	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1-7.00 6.95 6.85 6.80 6.65 5.85 5.50 5.20 4.95 4.65 4.40 4.20	
Tower Angle (°) Vorking Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 50.0 52.0 54.0 58.0 60.0 62.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	70 47.1.6.20 6.00 5.65 5.35 5.05 4.80 4.55 4.30 4.10	61.7×3.50 3.45	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50 5.50 5.20	70 48.8-5.80 5.55 5.25 4.95 4.70 4.45 4.20 4.00	63.8-3.05	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6.9.20 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.45 6.45 5.75 5.40 5.10 4.85 4.60	50.5×5.36 5.10 4.85 4.55 4.30 4.10 3.85	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 34.8-8.10 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30 5.00 5.30 5.00 4.70 4.45	522×4.90 4.65 4.40 4.15 3.70	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1-7.00 6.95 6.85 6.85 6.85 6.85 6.85 6.85 5.50 4.95 4.65 4.40 4.20 4.00	
Tower Angle (*) Vorking Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 44.0 46.0 44.0 45.0 52.0 54.0 56.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	70 47.1.6.20 6.00 5.65 5.35 5.05 4.85 4.55 4.30	61.7×3.50. 3.45 3.20	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50 5.50 5.20	70 48.8-5.80 5.55 5.25 4.95 4.70 4.45 4.20 4.40 3.80	638-305 3.00	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6.9.20 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.45 6.45 5.75 5.40 5.10 4.85 4.60	50.5-5.35 5.10 4.85 4.55 4.30 4.10 3.85 3.70	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30 5.00 4.70 5.00 4.70 4.45	522:490 4.65 4.40 4.15 3.95 3.70 3.50	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1-7.00 6.95 6.85 6.80 6.65 6.20 5.85 5.50 5.20 4.95 4.65 4.40 4.20	53.9 53.9 4 4 4 3 3 3
Tower Angle (°) Vorking Radius (m) 15.8 16.0 18.0 20.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 45.0 56.0 54.0 56.0 58.0 60.0 64.0 66.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	70 47.1.6.20 6.00 5.65 5.35 5.05 4.80 4.55 4.30 4.10	61.7×3.50 3.45 3.20 2.95	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50 5.50 5.20	70 48.8-5.80 5.55 5.25 4.95 4.70 4.45 4.20 4.00	63.8·3.05 3.00 2.80	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6.9.20 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.45 6.45 5.75 5.40 5.10 4.85 4.60	50.5×5.35 5.10 4.85 4.55 4.30 4.10 3.85 3.70 3.50	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30 5.00 4.70 5.00 4.70 4.45	52244.90 4.65 4.40 4.15 3.95 3.70 3.50 3.35	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1-7.00 6.95 6.85 6.85 6.85 6.85 6.85 6.85 5.50 4.95 4.65 4.40 4.20 4.00	53.9 53.9 4 4 4 3 3 3 3 3
Tower Angle (°) Vorking Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0 64.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	70 47.1.6.20 6.00 5.65 5.35 5.05 4.80 4.55 4.30 4.10	61.7×3.50. 3.45 3.20	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50 5.50 5.20	70 48.8-5.80 5.55 5.25 4.95 4.70 4.45 4.20 4.40 3.80	638-305 3.00	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6.9.20 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.45 6.45 5.75 5.40 5.10 4.85 4.60	50.5-5.35 5.10 4.85 4.55 4.30 4.10 3.85 3.70	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30 5.00 4.70 5.00 4.70 4.45	522×4.90 4.65 4.40 4.15 3.95 3.70 3.305 3.305 3.315	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1-7.00 6.95 6.85 6.85 6.85 6.85 6.85 6.85 5.50 4.95 4.65 4.40 4.20 4.00	53.9 53.9 4 4 4 3 3 3 3 3
Tower Angle (°) Working Radius (m) 15.8 16.0 18.0 20.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 56.0 52.0 54.0 56.0 58.0 60.0 64.0 66.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.80 13.35 12.80 11.45 12.80 11.45 10.25 9.20 8.15	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	70 47.1.6.20 6.00 5.65 5.35 5.05 4.80 4.55 4.30 4.10	61.7×3.50 3.45 3.20 2.95	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50 5.50 5.20	70 48.8-5.80 5.55 5.25 4.95 4.70 4.45 4.20 4.40 3.80	63.8·3.05 3.00 2.80	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6.9.20 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.45 6.45 5.75 5.40 5.10 4.85 4.60	50.5×5.35 5.10 4.85 4.55 4.30 4.10 3.85 3.70 3.50	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30 5.00 4.70 5.00 4.70 4.45	52244.90 4.65 4.40 4.15 3.95 3.70 3.50 3.35	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1-7.00 6.95 6.85 6.85 6.85 6.85 6.85 6.80 5.50 4.95 4.65 4.40 4.20 4.00	
Tower Angle (*) Working Radius (m) 15.8 16.0 18.0 20.0 22.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 44.0 50.0 52.0 54.0 56.0 58.0 60.0 62.0 64.0 68.0 70.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.35 12.80 11.45 9.20 8.15 41.8-7.20	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	70 47.1.6.20 6.00 5.65 5.35 5.05 4.80 4.55 4.30 4.10	61.7-3.50 3.45 3.20 2.95 2.75 2.55	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50 5.50 5.20	70 48.8-5.80 5.55 5.25 4.95 4.70 4.45 4.20 4.40 3.80	63.8-3.05 3.00 2.80 2.40	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6.9.20 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.45 6.45 5.75 5.40 5.10 4.85 4.60	50.5×5.35 5.10 4.85 4.55 4.30 4.10 3.85 3.70 3.50	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30 5.00 4.70 5.00 4.70 4.45	522:4.90 4.65 4.40 4.15 3.95 3.70 3.50 3.35 3.15 3.00	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1-7.00 6.95 6.85 6.85 6.85 6.85 6.85 6.80 5.50 4.95 4.65 4.40 4.20 4.00	53.9 53.9 4 4 4 4 3 3 3 3 3 3 2
Tower Angle (*) Working Radius (m) 15.8 16.0 18.0 20.0 24.0 26.0 28.0 30.0 32.0 34.0 36.0 38.0 40.0 42.0 56.0 52.0 54.0 56.0 58.0 60.0 62.0 64.0 66.0 68.0	15.85 15.80 15.45 15.10 14.80 14.55 14.30 13.35 12.80 11.45 9.20 8.15 41.8-7.20	80 31.0×11.10 10.65 9.85 9.15 8.55 7.95 7.45 7.95 7.45 7.00 6.60 6.25 5.90 5.60	70 47.1.6.20 6.00 5.65 5.35 5.05 4.80 4.55 4.30 4.10	61.7×3.50 3.45 3.20 2.95 2.75	16.7×14.40 14.20 13.90 13.65 13.40 13.15 12.80 12.40 12.00 11.60 10.50 9.45 8.50 7.60 6.75	80 32.3×10.20 9.75 9.05 8.45 7.90 7.40 6.95 6.55 6.15 5.85 5.50 5.50 5.20	70 48.8-5.80 5.55 5.25 4.95 4.70 4.45 4.20 4.40 3.80	63.8-3.05 3.00 2.80 2.60	17.5-13.00 12.95 12.70 12.45 12.25 11.85 11.55 11.10 10.70 9.55 8.65 7.80 7.05 6.30	80 33.6.9.20 9.20 9.20 8.35 7.80 7.30 6.85 6.45 6.45 6.45 6.45 5.75 5.40 5.10 4.85 4.60	50.5×5.35 5.10 4.85 4.55 4.30 4.10 3.85 3.70 3.50	18.3×11.55 11.40 11.20 11.00 10.85 10.70 10.55 10.35 9.85 9.85 9.85 9.85 8.65 8.10 7.60 7.05 6.45 5.80 5.15	80 34.8-8.10 8.05 7.95 7.70 7.20 6.75 6.35 5.95 5.60 5.30 5.00 4.70 5.00 4.70 4.45	522×4.90 4.65 4.40 4.15 3.95 3.70 3.305 3.305 3.315	19.1×10.25 10.20 10.00 9.85 9.65 9.50 9.30 9.15 9.00 8.80 8.60 8.00 7.45 6.90 6.30 5.80 5.15 4.55	52 80 36.1-7.00 6.95 6.85 6.85 6.85 6.85 6.85 6.85 5.50 4.95 4.65 4.40 4.20 4.00	53.9 53.9 4 4 4 4 4 3 3 3 3 3 3 3 2 2 73.8

%Notes for the 60 m tower are similar to those for the 36 m tower.

Working Ranges



Tower Boom Construction

Elements	ver Length (m)	36	39	42	45	48	51	54	57	60
Lower tower	7.5 m	1	1	1	1	1	1	1	1	1
Upper tower	(1.5 m+3 m)	1	1	1	1	1	1	1	1	1
Tower insert	3 m (B)	1	1	1	1	1	1	1	1	1
Tower insert	3 m (A)	1		1	1		1	1		1
Tower insert	6 m		1	1		1	1		1	1
Tower insert	9 m (B)							1	1	1
Tower insert	9 m (A)	2	2	2	3	3	3	3	3	3
	28 m	♦								-
	31 m	ł		A	B. 181 . 2 . 17		of the state of	0.000		-
	34 m		ł					na Starya - A		->
Available	37 m			♦				C dia series		-
tower Jibs	40 m				4		- 30-28. J		- 91 L30- 12	->
tower JIDS	43 m					•				->
	46 m						-	201	244	-
	49 m							-	12 Jan 14	->
	52 m									\leftrightarrow

Tower Jib Construction

Jib length (m) Elements	28	31	34	37	40	43	46	49	52
Lower tower jib 6.5 m	1	1	1	1	1	1	1	1	1
Upper tower jib 6.5 m	1	1	1	1	1	1	1	1	1
Jib insert 3 m		1	1		1	1		1	2
Jib insert 6 m	1	1		1	1		1	1	1
Jib insert 9 m	1	1	2	2	2	3	3	3	3

TOWER

Component Weights and Dimensions for Transport

15	Components	Weight (ton)	Q'ty	Length × Width × Height (m)	Remarks
	Basic machine	33.90	1	7.12 × 3.40 × 3.15	Excluding ropes, gantry (H and L), track beam, and self-loading device
	Basic machine	41.70	1	8.84 × 3.40 × 3.46	Including ropes, gantry (H and L), and bridle Excluding track beam and self-loading device
13	Track beam	5.70	2	6.00 × 0.55 × 0.68	
13	Side frame (one side)	23.30	2	9.07 × 1.46 × 1.39	
-	Self-loading device	0.35	4	0.80 × 0.75 × 0.91	Including float
in.	Gantry (H)	3.68	1	7.70 × 1.67 × 0.72	Including hanger
machine	Gantry (L)	0.33	2	1.70 × 0.30 × 1.12	Including cylinder
Ë	Counterweight (A)	18.20	1	4.30 × 1.79 × 0.84	
Basic	Counterweight (B)	16.70	1	4.28 × 1.79 × 0.62	
Ba	Counterweight (C)	5.30	1	1.33 × 1.07 × 0.70	
和是	Counterweight (D)	8.50	1	$1.73 \times 1.30 \times 0.70$	
	Counterweight (E)	8.40	1	1.72 × 1.30 × 0.70	
68	Counterweight (F)	5.00	1	1.63 × 0.90 × 0.75	
1.10	Counterweight (G)	5.00 6.10	1	1.61 × 0.90 × 0.75	
13	Counterweight (H) Counterweight (I)	6.00	1	1.68 × 1.25 × 0.61 1.66 × 1.25 × 0.61	
F.	Counterweight (Lower)	1.20	2	1.66 × 1.25 × 0.61 1.40 × 0.32 × 0.74	Trook from a countervision
1- 20 	Lower tower 7.5 m	3.10	1	7.72 × 2.47 × 2.50	Track frame counterweight
	Upper tower 10.5 m	1.51	1	3.52 × 1.82 × 2.29	
	3 m Upper tower insert	0.69	1	Contraction and Contraction of the Contraction	
				3.14 × 2.23 × 2.24	
	3 m Tower insert (A)	0.88	1	3.14 × 2.47 × 2.40	
1.00	3 m Tower insert (B)	1.38	1	3.14 × 2.47 × 2.59	
1.10	6 m Tower insert	1.22	1	6.14 × 2.47 × 2.40	
	9 m Tower insert (A)	1.62	1	9.14 × 2.47 × 2.36	
	9 m Tower insert (B)	1.68	1	9.14 × 2.47 × 2.38	
i de	6.5 m Lower jib	1.19	1	6.66 × 1.90 × 1.52	
Ħ	6.5 m Upper jib	1.03	1	7.18 × 1.49 × 1.55	
front	3 m Jib insert	0.34	1	3.12 × 1.64 × 1.62	
	6 m Jib insert	0.59	1	6.12 × 1.64 × 1.62	
ower	9 m Jib insert	0.80	1	9.12 × 1.64 × 1.62	
F	Swing lever (Forward)	0.69	1	6.86 × 1.88 × 0.56	
28	Swing lever (Rear)	0.92	1	7.50 × 1.90 × 0.74	
	Swing lever (Rear)	0.13	2	6.88 × 0.20 × 0.20	
12	Tower stop	1.87	1	8.86 × 1.86 × 0.67	
6.6	Tower bridle	0.63	1	2.10 × 1.04 × 0.45	
10	Bridle (Tower jib)	0.32	1	1.14 × 0.87 × 0.29	
	Hanger (Tower jib)	0.45	1	1.55 × 1.10 × 0.46	
-	Guide roller	0.45	1	3.84 × 1.02 × 0.35	
	25 ton hook	0.16	1	1.74 × 0.74 × 0.38	
14 M	13 ton hook	0.50	1	1.18 × 0.47 × 0.47	

Standard Equipment

BASIC MACHINE

C

Undercarriage	
•Crawler-type undercarriage (with 1 270 mm shoes)	•2.40 ton (1.20 ton × 2) Lower counterweight (Track frame)
Superstructure	
•Front lights (2 lights)	 Slow boom hoisting stop
 Rearview mirrors (left and right) 	 Constant swing speed controller
Boom hoist drum check mirror	Electric accelerator grip
 Centralized lubrication system (for gantry and swing circle) 	 Gantry hoist cylinders
Electric refuel device	 Boom foot pin assembling device
Ladder (right)	 Drum rotation sensing system
 Undercover (at superstructure bottom) 	 79.2 ton counterweight
•Cab climbing step	 Standard tool kit
Ultra slow speed controller	
Cab	
 Intermittent windshield wipers (front and roof windows) 	•Air conditioner
•Windshield washers (front and roof windows)	 Auto-tuning (AM/FM) clock radio
Rolled sunshade (roof window)	Cigarette lighter
unvisor	Ashtray
•Floor mat	Brake mode selector switches (interlocked) Electric tilt type layer stand
Room light	Electric tilt-type lever stand
Safety Devices	• Fail asfa haska avatama
Swing lock	Fail-safe brake systems Pilet control shutoff lover
 Swing lock Drum pawl locks (main and auxiliary hoist, and boom hoist) 	 Fail-safe brake systems Pilot-control shutoff lever Before-work check monitor
 Swing lock Drum pawl locks (main and auxiliary hoist, and boom hoist) Swing alarm (buzzer & lamp) FRONT ATTACHMENTS Crane 	 Pilot-control shutoff lever Before-work check monitor
 Swing lock Drum pawl locks (main and auxiliary hoist, and boom hoist) Swing alarm (buzzer & lamp) FRONT ATTACHMENTS Crane 18 m basic boom (lower 7.5 m, upper 10.5 m) 	 Pilot-control shutoff lever Before-work check monitor Main hoist rope (28 mm dia. × 370 m)
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 Swing lock Drum pawl locks (main and auxiliary hoist, and boom hoist) Swing alarm (buzzer & lamp) FRONT ATTACHMENTS Crane 18 m basic boom (lower 7.5 m, upper 10.5 m) Boom backstop Boom angle indicator 200 ton hook Tower Crane 60 m tower boom (lower 7.5 m, 3 m tower boom insert × 2, 	 Pilot-control shutoff lever Before-work check monitor Main hoist rope (28 mm dia. × 370 m) Boom hoist rope (22 mm dia. × 350 m) Moment limiter Overhoist prevention devices (main hook, boom hoist and secondary boom hoist) Main hoist rope (28 mm dia. × 370 m)
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CX2000

	Crane	Tower Crane
Jndercarriage		
Self-loading device		
Side-frame removal device		
Spirit level		
Superstructure		A PARAMAN NAMES AND A PARAMA
Reeving Winch		The second entropy of the second second second
(Reeving winch, reeving rope (10 mm dia. × 220 m), reeving joint, guide roller)		•
Side steps w/handrails	•	•
Side steps (folded) w/o handrail	•	•
Gantry climbing unit	0	0
Boom foot pin assembling device	0	0
Cab		
Extinguisher	•	•
Speaker	•	•
AM / FM clock radio	0	0
Fan	•	•
Air conditioner	0	0
Heater	•	•
Safety Device		
Anemometer	•	0
Spirit level (in cab)	•	0
Crane / Tower Crane Front	·····································	
37 m jib assembly:		
13 m basic jib (Incl. jib mast, 3 m jib insert) aux. jib rope (28 mm dia. × 230 m)*4, 13 ton hook,	•	• *2. * 4
6 m jib insert × 4 pcs	(30,5,1)	
2 reevings aux. hoist rope (28 mm dia. × 300 m)* ⁴		
Aux, jib assembling		
aux. jib *2,*3 , aux. jib hoist rope (28 mm dia. × 190 m) *2 , 13 ton hook	•	•* ²
Crane Front accessories		
10.5 m upper boom, 200 ton hook, boom stop, main hoist hook overhoist prevention	n —	•
device, intermediate suspension parts, 12 m boom insert × 2 pcs	F	1.5
Boom mast	•*5	• * 1. * ⁵
Intermediate suspension parts	• * ⁶	• 1. • 6
200 ton hook (16 rope reevings)	0	• · 1
100 ton hook (8 rope reevings)	•	•*2
60 ton hook (5 rope reevings)	•	•* ²
25 ton hook (2 rope reevings)	•	0
13 ton hook (1 rope reeving)	•	•
3 m boom insert (A)	•	0
3 m boom insert (B)	•	0
6 m boom insert	•	0
9 m boom insert (A)	•	0
9 m boom insert (B)* ⁶	• • ⁶	0
		• *1

*2 Available when purchasing crane front accessories.
*3 Required when purchasing jib assembly, except for common components.
*4 230 m aux. hoist rope for crane jib is based on 1-ropreeving.

300 m aux. hoist rope for crane jib is based on 2-ropæevings. *5 Required for boom length of 66 m or longer.

*6 Required for maximum boom length of 90 m.

CX2000 MEMO 0

This catalog is not applicable to European and North America areas. The machine shown may vary according to territory Specifications. Specifications are subject to change without notice.

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