

Tadano Rough Terrain Crane
GR-700N

(6-section boom, 3-section full automatic jib, H-type outriggers)

Specifications

Spec. No. GR-700N-2-00101

TADANO LTD.

GR-700N 70 ton wheel crane

1. Specifications

◎ Crane

Crane capacity	9.8m boom	70,000 kg × 2.1 m (8 parts of line x2)
	16.6m boom	32,000 kg × 5.5 m (8 parts of line)
	23.5m boom	24,000 kg × 5.5 m (6 parts of line)
	30.3m boom	12,500 kg × 11.0 m (4 parts of line)
	37.2m boom	12,000 kg × 10.0 m (4 parts of line)
	41.2m boom	10,000 kg × 11.0 m (4 parts of line)
	44.0m boom	8,200 kg × 13.0 m (4 parts of line)
	8.4m jib	4,000 kg × 77° (1 part of line)
	13.1m jib	2,800 kg × 74° (1 part of line)
	17.7m jib	1,500 kg × 84° (1 part of line)
Maximum lifting height	Single top	5,000 kg (1 part of line)
	Boom	45.2 m
Maximum load radius	Jib	63.0 m
	Boom	36.0 m (standard capacity), 40.0 m (front special capacity)
	Jib	40.8 m (standard capacity), 46.9 m (front special capacity)
Boom length		9.8 m to 44.0 m
Boom telescoping length		34.2 m
Boom extension speed		34.2 m/124 s
Jib length		8.4 m to 17.7 m
Main winch wire rope hoist up speed		135 m/min (5th layer)
Main winch hook block hoist up speed		16.9 m/min (8 parts of line)
Main winch wire rope hoist down speed (reference)		Standard:135 m/min (5th layer)
		High-speed:201 m/min (5th layer)
Auxiliary winch wire rope hoist up speed		118 m/min (3rd layer)
Auxiliary winch hook block hoist up speed		118 m/min (1 part of line)
Auxiliary winch wire rope hoist down speed (reference)		Standard:114 m/min (3rd layer)
		High-speed:174 m/min (3rd layer)
Boom elevating angle		0° to 84.0°
Boom raising speed		0° to 84.0°/58 s
Slewing angle		360° continuous
Slewing speed		2.1 min ⁻¹ (rpm)
Wire rope	Main	Dia. 18 mm × length 238 m
	Auxiliary	Flame-retardant wire rope Dia. 18 mm × length 133 m Flame-retardant wire rope
Boom		Round-shaped 6-section hydraulic telescoping type (2nd/3rd stage synchronized, 4th/5th/6th stage synchronized)
Boom telescoping system		3 double-acting direct-pushing hydraulic cylinder 2 wire-rope boom telescoping systems
Jib type		Quick-turn type (stored alongside and below boom) 3-section (3-section hydraulic telescoping type) Offset (5° to 60°) Hydraulic stepless tilt type
Single top type		Fixed to top boom

Hoisting system	Hydraulic motor driven planetary gear speed reducer Automatic brake High-speed hoist down 2 single winch
Boom elevating system	With pressure compensating flow control valve 2 double-acting direct-pushing hydraulic cylinders
Slewing system	With pressure compensating flow control valve Hydraulic motor driven planetary gear speed reducer Ball bearing Slewing free/lock interchangeable Negative brake
Outriggers	Fully hydraulic H-type (floats mounted integrally) Slide and jacks with independent operation device Maximum extension width 7.8 m Middle extension width 7.6 m, 7.2 m, 5.38 m, 4.18 m Minimum extension width 2.36 m
Operation method	Electric operated
Maximum load of outrigger	43.0 t
Power take off	PTO wet multiplate clutch type
Hydraulic pump	Tandem variable piston pump Tandem gear pump
Hydraulic oil tank capacity	620 L
Safety devices	Load moment indicator (LMI) Slewing automatic stop device Elevation slow stop device Anti-two-block device Working range limiter Outrigger extension width detector Level gauge Hook safety latch Hydraulic safety valve Boom telescoping cylinder hydraulic lock Boom elevating cylinder hydraulic lock Jib telescoping cylinder hydraulic lock Power tilt cylinder hydraulic lock Jack cylinder hydraulic lock Slewing lock
Standard equipment	Full automatic air conditioner with dehumidifier Hydraulic oil temperature gauge Loudspeaker AM/FM radio Oil cooler Visual drum rotation indicator Operating pedals ISO layout: for boom telescoping and auxiliary winch hook block Tadano layout: for boom elevating and boom telescoping Radio controller for work preparation Telematics Fuel consumption monitor Eco mode Hydraulic oil clogging alarm
Accessories	Wood blocks (4 pcs.) Aluminum pads (4 pcs.)

© **Carrier**

Vehicle name/model		Tadano YDS-T013
Engine	Model	Cummins QSL9-4B
	Type	(with turbocharger, intake air cooling, urea SCR system)
	Displacement	Water-cooled, 4-cycle, 6 cylinder direct injection diesel engine
	Maximum output	8.849 L
	Maximum torque	283 kW{385PS} / 1,900 min ⁻¹ (rpm)
Torque converter		1,627 N·m (166 kgf·m) / 1,500 min ⁻¹ (rpm)
Transmission		3-element 1-section (with automatic lockup mechanism)
Speed Reducer		Automatic and manual transmission
Driving method		Power shift type (wet multiplate clutch)
Axle (all axles)		4 forward and 1 reverse speeds (with Hi/Low settings)
Suspension (all axles)		Axle two-stage deceleration (2nd, 3rd, 4th axle)
Steering		Full-floating type
Brakes	Main brake	Hydropneumatic suspension (with hydraulic lock cylinder)
	Parking brake	Fully hydraulic power steering
	Auxiliary brake	Hydro-pneumatic disk brakes
Frame		Air drive shaft internal expanding spring brake (2nd, 4th axle)
Batteries		Permanent-magnetic retarder
Fuel tank capacity		Engine retarder
Urea water tank		Auxiliary operating brake
Tires	Front wheels	Welded box-shaped structure
	Rear wheels	12V-120Ah × 2 (24V)
Cab		400 L
		38 L
		385/95R25 170E ROAD
		385/95R25 170E ROAD
		Crew capacity: 1 person
		With interior fittings
		Rubber mounting type (high-damping rubber) - FE1467
		Liquid-sealed rubber mounting type (viscous) FE1468 -
		Fully adjustable seat
		(with headrest, armrest, seat belt)
		Adjustable handle (tilt, telescoping)
		Intermittent front and ceiling wipers (with washers)
		Power windows
		Side visors
Safety devices		Emergency steering device
		Suspension lock unit
		Rear wheel steering lock device
		Engine over-run alarm
		Over-shift prevention device
		Parking brake alarm
		Boom left/right side cameras
		Radiator fluid level warning device
		Hydraulic oil leak warning device
Standard equipment		Electromotive retractable mirror with heater
		Overview video display
		Immobilizer
		Tire chocks
		LED headlamps
		Human alert

© **Dimensions when traveling**

Overall length		12,765 mm
Overall width		2,780 mm
Overall height		3,750 mm
Wheel base		1,500 + 4,000 + 1,500 mm
Wheel track	Front wheels	2,330 mm
	Rear wheels	2,330 mm

© **Weight**

Gross vehicle load		41,295 kg
	Front/front axle load	10,190 kg
	Front/rear axle load	10,440 kg
	Rear/front axle load	10,370 kg
	Rear/rear axle load	10,295 kg

© **Running performance**

Maximum speed		49 km/h
Gradability	(tanθ)	0.46
Minimum turning radius		7.5 m (8-wheel steering) 11.5 m (front 4-wheel steering)

© **Options**

Winch drum monitoring camera
Remote control searchlight
AML external warning lamp
Position lamps
Marker lamps
External auditory alarms
Centralized lubrication system
Halogen headlamps

- This model has received a “Basic running conditions - weight: D” certificate of conformance under the Newly Developed Vehicle Certificate System, but the actual running conditions will be decided based on the calculations of the road administrator for each route.

2. Rated lifting capacity table
2-(1) When using outriggers, standard capacity
[Boom]

Unit (t)

Maximum outrigger extension (7.8 m) —360 degrees—							
Load radius Boom length	※9.8 m	16.6 m	23.5 m	30.3 m	37.2 m	41.2 m	44.0 m
2.1 m	70.0						
2.8 m	60.0	32.0	24.0	12.5			
3.0 m	56.5	32.0	24.0	12.5			
3.5 m	51.9	32.0	24.0	12.5	12.0		
4.0 m	48.6	32.0	24.0	12.5	12.0	10.0	
4.5 m	44.3	32.0	24.0	12.5	12.0	10.0	8.2
5.0 m	39.5	32.0	24.0	12.5	12.0	10.0	8.2
5.5 m	35.8	32.0	24.0	12.5	12.0	10.0	8.2
6.0 m	32.4	31.3	23.6	12.5	12.0	10.0	8.2
6.5 m	29.3	29.0	22.1	12.5	12.0	10.0	8.2
7.0 m		26.4	20.7	12.5	12.0	10.0	8.2
8.0 m		22.1	18.4	12.5	12.0	10.0	8.2
9.0 m		18.9	16.5	12.5	12.0	10.0	8.2
10.0 m		15.1	14.9	12.5	12.0	10.0	8.2
11.0 m		12.4	12.2	12.5	11.4	10.0	8.2
12.0 m		10.4	10.2	11.1	10.5	9.75	8.2
13.0 m		8.8	8.65	9.6	9.75	9.05	8.2
14.0 m			7.45	8.4	8.95	8.4	7.95
16.0 m			5.45	6.35	6.9	7.1	6.9
18.0 m			4.05	4.9	5.4	5.6	5.7
20.0 m			3.0	3.8	4.25	4.45	4.55
22.0 m				2.9	3.35	3.6	3.75
24.0 m				2.25	2.65	2.9	3.05
26.0 m				1.65	2.1	2.3	2.4
27.0 m				1.4	1.85	2.05	2.15
28.0 m					1.65	1.8	1.9
30.0 m					1.2	1.4	1.5
32.0 m					0.8	1.0	1.15
33.0 m					0.65	0.855	0.95
34.0 m					0.5	0.7	0.8
35.0 m						0.55	0.65
36.0 m							0.5
A (°)	0 to 84					22 to 84	31 to 84
Standard hook block	35 ton hook block × 2	35 ton hook block					

Asterisked (*) values are for with heavy load lifting device mounted.

A: Boom angle range (without load)

[Boom]

Unit (t)

Outrigger middle extension (7.6 m) —side—							
Load radius \ Boom length	※9.8 m	16.6 m	23.5 m	30.3 m	37.2 m	41.2 m	44.0 m
2.1 m	70.0						
2.8 m	60.0	32.0	24.0	12.5			
3.0 m	56.5	32.0	24.0	12.5			
3.5 m	51.9	32.0	24.0	12.5	12.0		
4.0 m	48.6	32.0	24.0	12.5	12.0	10.0	
4.5 m	44.3	32.0	24.0	12.5	12.0	10.0	8.2
5.0 m	39.5	32.0	24.0	12.5	12.0	10.0	8.2
5.5 m	35.8	32.0	24.0	12.5	12.0	10.0	8.2
6.0 m	32.4	31.3	23.6	12.5	12.0	10.0	8.2
6.5 m	29.3	29.0	22.1	12.5	12.0	10.0	8.2
7.0 m		26.4	20.7	12.5	12.0	10.0	8.2
8.0 m		22.1	18.4	12.5	12.0	10.0	8.2
9.0 m		17.9	16.5	12.5	12.0	10.0	8.2
10.0 m		14.5	14.2	12.5	12.0	10.0	8.2
11.0 m		12.0	11.7	12.5	11.4	10.0	8.2
12.0 m		10.0	9.75	10.8	10.5	9.75	8.2
13.0 m		8.45	8.3	9.25	9.75	9.05	8.2
14.0 m			7.05	8.0	8.55	8.4	7.95
16.0 m			5.15	6.05	6.6	6.8	6.9
18.0 m			3.8	4.65	5.1	5.35	5.45
20.0 m			2.8	3.55	4.05	4.25	4.35
22.0 m				2.75	3.2	3.35	3.5
24.0 m				2.05	2.5	2.7	2.8
26.0 m				1.5	1.95	2.1	2.25
27.0 m				1.25	1.7	1.9	2.0
28.0 m					1.5	1.65	1.75
30.0 m					1.05	1.25	1.35
32.0 m					0.7	0.9	1.0
33.0 m					0.55	0.7	0.85
34.0 m						0.55	0.65
35.0 m							0.55
A (°)	0 to 84				9 to 84	26 to 84	34 to 84
Standard hook block	35 ton hook block × 2	35 ton hook block					

Asterisk (*) values are for with heavy load lifting device mounted.

A: Boom angle range (without load)

[Boom]

Unit (t)

Outrigger middle extension (7.2 m) —side—							
Boom length Load radius	※9.8 m	16.6 m	23.5 m	30.3 m	37.2 m	41.2 m	44.0 m
2.8 m	55.0	32.0	24.0	12.5			
3.0 m	55.0	32.0	24.0	12.5			
3.5 m	50.0	32.0	24.0	12.5	12.0		
4.0 m	48.0	32.0	24.0	12.5	12.0	10.0	
4.5 m	43.5	32.0	24.0	12.5	12.0	10.0	8.2
5.0 m	39.5	32.0	24.0	12.5	12.0	10.0	8.2
5.5 m	35.8	32.0	24.0	12.5	12.0	10.0	8.2
6.0 m	32.4	31.3	23.6	12.5	12.0	10.0	8.2
6.5 m	29.3	29.0	22.1	12.5	12.0	10.0	8.2
7.0 m		26.4	20.7	12.5	12.0	10.0	8.2
8.0 m		21.1	18.4	12.5	12.0	10.0	8.2
9.0 m		16.3	16.5	12.5	12.0	10.0	8.2
10.0 m		13.2	13.1	12.5	12.0	10.0	8.2
11.0 m		10.8	10.7	11.8	11.4	10.0	8.2
12.0 m		9.05	8.95	9.9	10.4	9.75	8.2
13.0 m		7.6	7.45	8.45	9.05	9.05	8.2
14.0 m			6.35	7.25	7.8	8.05	7.95
16.0 m			4.55	5.45	5.95	6.2	6.3
18.0 m			3.3	4.15	4.6	4.8	4.95
20.0 m			2.3	3.15	3.6	3.8	3.9
22.0 m				2.35	2.8	3.0	3.1
24.0 m				1.7	2.15	2.35	2.45
26.0 m				1.15	1.65	1.8	1.9
27.0 m				0.9	1.4	1.6	1.7
28.0 m					1.2	1.4	1.5
30.0 m					0.8	1.0	1.1
32.0 m					0.5	0.65	0.75
33.0 m						0.5	0.6
34.0 m							0.5
A (°)	0 to 84				18 to 84	30 to 84	37 to 84
Standard hook block	35 ton hook block × 2	35 ton hook block					

Asterisked (*) values are for with heavy load lifting device mounted.

A.Boom angle range (without load)

[Boom]

Unit (t)

Outrigger middle extension (5.38 m) —side—							
Boom length Load radius	※9.8 m	16.6 m	23.5 m	30.3 m	37.2 m	41.2 m	44.0 m
2.8 m	50.0	32.0	24.0	12.5			
3.0 m	50.0	32.0	24.0	12.5			
3.5 m	47.0	32.0	24.0	12.5	12.0		
4.0 m	42.2	32.0	24.0	12.5	12.0	10.0	
4.5 m	38.2	32.0	24.0	12.5	12.0	10.0	8.2
5.0 m	31.9	31.5	24.0	12.5	12.0	10.0	8.2
5.5 m	25.9	25.6	24.0	12.5	12.0	10.0	8.2
6.0 m	21.7	21.3	21.1	12.5	12.0	10.0	8.2
6.5 m	18.2	18.1	18.0	12.5	12.0	10.0	8.2
7.0 m		15.7	15.6	12.5	12.0	10.0	8.2
8.0 m		12.0	11.9	12.5	12.0	10.0	8.2
9.0 m		9.4	9.4	10.4	11.0	10.0	8.2
10.0 m		7.65	7.55	8.55	9.1	9.35	8.2
11.0 m		6.25	6.1	7.05	7.6	7.85	8.0
12.0 m		5.15	5.0	5.9	6.45	6.65	6.8
13.0 m		4.25	4.1	5.0	5.5	5.7	5.85
14.0 m			3.3	4.2	4.65	4.9	5.0
16.0 m			2.05	2.95	3.4	3.6	3.7
18.0 m			1.05	2.05	2.45	2.65	2.75
19.0 m			0.65	1.6	2.05	2.25	2.4
20.0 m				1.25	1.75	1.95	2.05
22.0 m				0.6	1.15	1.35	1.45
24.0 m					0.65	0.85	1.0
25.0 m						0.65	0.75
26.0 m							0.55
A (°)	0 to 84		17 to 84	34 to 84	44 to 84	49 to 84	52 to 84
Standard hook block	35 ton hook block × 2	35 ton hook block					

Asterisked (*) values are for with heavy load lifting device mounted.

A: Boom angle range (without load)

[Boom]

Unit (t)

Outrigger middle extension (4.18 m) —side—							
Boom length Load radius	※9.8 m	16.6 m	23.5 m	30.3 m	37.2 m	41.2 m	44.0 m
2.8 m	45.0	32.0	24.0	12.5			
3.0 m	45.0	32.0	24.0	12.5			
3.5 m	41.5	32.0	24.0	12.5	12.0		
4.0 m	31.1	30.9	24.0	12.5	12.0	10.0	
4.5 m	24.3	24.1	23.5	12.5	12.0	10.0	8.2
5.0 m	19.7	20.3	19.4	12.5	12.0	10.0	8.2
5.5 m	16.5	16.2	16.0	12.5	12.0	10.0	8.2
6.0 m	14.0	13.7	13.5	12.5	12.0	10.0	8.2
6.5 m	11.9	11.7	11.6	12.5	12.0	10.0	8.2
7.0 m		10.2	10.1	11.2	11.8	10.0	8.2
8.0 m		7.75	7.7	8.7	9.3	9.55	8.2
9.0 m		6.1	5.95	6.95	7.5	7.75	7.8
10.0 m		4.8	4.65	5.6	6.15	6.35	6.5
11.0 m		3.8	3.65	4.55	5.05	5.3	5.4
12.0 m		2.95	2.8	3.7	4.2	4.4	4.5
13.0 m		2.3	2.1	2.95	3.45	3.65	3.8
14.0 m			1.45	2.4	2.85	3.05	3.15
15.0 m			0.9	1.85	2.35	2.55	2.65
16.0 m				1.4	1.9	2.1	2.2
17.0 m				1.0	1.5	1.7	1.85
18.0 m					1.15	1.35	1.5
19.0 m					0.85	1.05	1.2
20.0 m						0.75	0.9
A (°)	0 to 84		39 to 84	47 to 84	55 to 84	59 to 84	61 to 84
Standard hook block	35 ton hook block × 2	35 ton hook block					

Asterisked (*) values are for with heavy load lifting device mounted.

A: Boom angle range (without load)

[Boom]

Unit (t)

Outrigger minimum extension (2.36 m) —side—							
Load radius \ Boom length	9.8 m	16.6 m	23.5 m	30.3 m	37.2 m	41.2 m	44.0 m
2.8 m	23.5	20.0	14.0	10.0			
3.0 m	21.1	18.0	14.0	10.0			
3.5 m	16.1	15.5	14.0	10.0	9.0		
4.0 m	12.7	12.2	12.1	10.0	9.0	7.5	
4.5 m	10.2	9.85	9.8	10.0	9.0	7.5	6.5
5.0 m	8.4	8.1	8.0	9.1	9.0	7.5	6.5
5.5 m	7.0	6.7	6.6	7.65	8.25	7.5	6.5
6.0 m	5.9	5.6	5.5	6.5	7.1	7.35	6.5
6.5 m	5.0	4.7	4.6	5.55	6.1	6.35	6.3
7.0 m		3.95	3.85	4.8	5.35	5.6	5.7
8.0 m		2.75	2.65	3.55	4.05	4.3	4.4
9.0 m		1.85	1.65	2.6	3.1	3.3	3.45
10.0 m		1.0	0.85	1.85	2.3	2.5	2.65
11.0 m				1.2	1.7	1.9	2.0
12.0 m					1.2	1.4	1.5
13.0 m						0.95	1.05
A (°)	0 to 84	39 to 84	58 to 84	64 to 84	68 to 84	70 to 84	71 to 84
Standard hook block	35 ton hook block						

A: Boom angle range (without load)

[Jib (44.0 m boom)]

		Maximum outrigger extension (7.8 m)												-360 degrees-																				
		44.0 m boom + 8.4 m jib						44.0 m boom + 13.1 m jib						44.0 m boom + 17.7 m jib																				
		Offset						Offset						Offset																				
Boom angle	A (°)	5°		25°		45°		60°		5°		25°		45°		60°		5°		25°		45°		60°		5°		25°		45°		60°		
		Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)			
84.0		6.3	4.0	9.3	3.5	10.9	2.2	11.7	1.4	7.2	2.8	12.0	2.5	14.5	1.5	16.0	0.7	7.6	1.5	13.1	1.0	17.4	0.7	19.9	0.4									
80.0		10.6	4.0	13.5	3.5	14.8	2.2	15.3	1.4	12.0	2.8	16.3	2.3	18.6	1.4	19.6	0.7	12.7	1.4	17.9	0.95	21.7	0.65	23.7	0.4									
77.0		13.7	4.0	16.2	3.3	17.5	2.15	17.8	1.4	15.3	2.8	19.3	2.15	21.4	1.35	22.3	0.7	16.2	1.3	21.2	0.9	24.7	0.6	26.5	0.4									
74.0		16.5	3.6	18.9	3.0	20.2	2.1	20.3	1.4	18.7	2.8	22.2	2.0	24.1	1.3	24.7	0.7	19.6	1.2	24.4	0.85	27.6	0.6	29.1	0.4									
72.0		18.3	3.35	20.6	2.85	21.8	2.05	21.9	1.4	20.8	2.7	24.0	1.9	25.9	1.3	26.4	0.7	21.9	1.15	26.6	0.8	29.5	0.6	30.8	0.4									
70.0		20.1	3.1	22.3	2.7	23.5	2.0	23.4	1.4	22.6	2.55	25.9	1.8	27.5	1.25	27.9	0.7	24.1	1.1	28.6	0.8	31.3	0.55	32.4	0.4									
68.0		21.9	2.95	23.9	2.5	25.1	2.0	24.9	1.4	24.6	2.4	27.6	1.75	29.1	1.25	29.4	0.7	26.3	1.1	30.5	0.75	33.1	0.55	33.8	0.4									
65.0		24.2	2.3	26.1	2.0	27.4	1.9	27.1	1.4	27.1	1.95	30.1	1.6	31.5	1.2	31.5	0.7	29.4	1.05	33.3	0.7	35.6	0.55	36.0	0.4									
63.0		25.6	1.9	27.5	1.65	28.6	1.55	28.4	1.4	28.6	1.6	31.5	1.3	33.0	1.15	32.9	0.7	31.3	1.0	35.2	0.7	37.2	0.55	37.4	0.4									
60.0		27.7	1.4	29.5	1.2	30.5	1.15			30.8	1.15	33.6	0.95	35.0	0.9			34.2	1.0	37.7	0.65	39.4	0.5											
58.0		29.1	1.1	30.8	0.95	31.6	0.85			32.3	0.9	34.9	0.7	36.2	0.65			35.7	0.75	39.2	0.55	40.8	0.45											
57.0		29.7	0.95	31.4	0.8	32.3	0.75			32.9	0.75	35.5	0.55	36.7	0.5			36.4	0.6	39.9	0.45													
56.0		30.4	0.8	32.0	0.65	32.8	0.6			33.7	0.6	36.2	0.45					37.1	0.5															
55.0		31.0	0.65	32.7	0.5	33.4	0.45			34.4	0.5																							
54.0		31.6	0.5																															
A (°)		53 to 84		54 to 84				62 to 84		54 to 84		55 to 84		56 to 84		62 to 84		55 to 84		56 to 84		57 to 84		62 to 84		57 to 84		62 to 84		62 to 84		62 to 84		

[Jib (44.0 m boom)]

Outrigger middle extension (7.6 m)																		-side-																								
44.0 m boom + 8.4 m jib										44.0 m boom + 13.1 m jib										44.0 m boom + 17.7 m jib																						
Boom angle	Offset						Offset						Offset						Offset																							
	5°		25°		45°		60°		5°		25°		45°		60°		5°		25°		45°		60°																			
	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)																		
84.0	6.3	4.0	9.3	3.5	10.9	2.2	11.7	1.4	7.2	2.8	12.0	2.5	14.5	1.5	16.0	0.7	7.6	1.5	13.1	1.0	17.4	0.7	19.9	0.4																		
80.0	10.6	4.0	13.5	3.5	14.8	2.2	15.3	1.4	12.0	2.8	16.3	2.3	18.6	1.4	19.6	0.7	12.7	1.4	17.9	0.95	21.7	0.65	23.7	0.4																		
77.0	13.7	4.0	16.2	3.3	17.5	2.15	17.8	1.4	15.3	2.8	19.3	2.15	21.4	1.35	22.3	0.7	16.2	1.3	21.2	0.9	24.7	0.6	26.5	0.4																		
74.0	16.5	3.6	18.9	3.0	20.2	2.1	20.3	1.4	18.7	2.8	22.2	2.0	24.1	1.3	24.7	0.7	19.6	1.2	24.4	0.85	27.6	0.6	29.1	0.4																		
72.0	18.3	3.35	20.6	2.85	21.8	2.05	21.9	1.4	20.8	2.7	24.0	1.9	25.9	1.3	26.4	0.7	21.9	1.15	26.6	0.8	29.5	0.6	30.8	0.4																		
70.0	20.1	3.1	22.3	2.7	23.5	2.0	23.4	1.4	22.6	2.55	25.9	1.8	27.5	1.25	27.9	0.7	24.1	1.1	28.6	0.8	31.3	0.55	32.4	0.4																		
68.0	21.8	2.9	23.9	2.5	25.1	2.0	24.9	1.4	24.6	2.4	27.6	1.75	29.1	1.25	29.4	0.7	26.3	1.1	30.5	0.75	33.1	0.55	33.8	0.4																		
65.0	24.0	2.15	26.1	1.9	27.3	1.75	27.1	1.4	26.9	1.8	30.0	1.55	31.5	1.2	31.5	0.7	29.4	1.05	33.3	0.7	35.6	0.55	36.0	0.4																		
63.0	25.5	1.8	27.4	1.55	28.5	1.45	28.4	1.4	28.5	1.5	31.5	1.25	32.9	1.1	32.9	0.7	31.3	1.0	35.2	0.7	37.2	0.55	37.4	0.4																		
60.0	27.5	1.25	29.4	1.1	30.4	1.0			30.7	1.05	33.5	0.85	34.8	0.75			34.0	0.9	37.7	0.65	39.4	0.5																				
58.0	28.9	0.95	30.7	0.8	31.6	0.75			32.1	0.75	34.8	0.6	36.1	0.5			35.6	0.65	39.1	0.45																						
57.0	29.6	0.8	31.3	0.65	32.2	0.6			32.8	0.6	35.5	0.5					36.3	0.5																								
56.0	30.2	0.65	32.0	0.55	32.8	0.5			33.5	0.5																																
55.0	30.9	0.5																																								
A (°)	54 to 84						55 to 84						62 to 84						55 to 84						57 to 84						59 to 84						62 to 84					

Outrigger middle extension (7.2 m)																		-side-																		
44.0 m boom + 8.4 m jib										44.0 m boom + 13.1 m jib										44.0 m boom + 17.7 m jib																
Boom angle	Offset						Offset						Offset						Offset																	
	5°		25°		45°		60°		5°		25°		45°		60°		5°		25°		45°		60°													
	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)												
84.0	6.3	4.0	9.3	3.5	10.9	2.2	11.7	1.4	7.2	2.8	12.0	2.5	14.5	1.5	16.0	0.7	7.6	1.5	13.1	1.0	17.4	0.7	19.9	0.4												
80.0	10.6	4.0	13.5	3.5	14.8	2.2	15.3	1.4	12.0	2.8	16.3	2.3	18.6	1.4	19.6	0.7	12.7	1.4	17.9	0.95	21.7	0.65	23.7	0.4												
77.0	13.7	4.0	16.2	3.3	17.5	2.15	17.8	1.4	15.3	2.8	19.3	2.15	21.4	1.35	22.3	0.7	16.2	1.3	21.2	0.9	24.7	0.6	26.5	0.4												
74.0	16.5	3.6	18.9	3.0	20.2	2.1	20.3	1.4	18.7	2.8	22.2	2.0	24.1	1.3	24.7	0.7	19.6	1.2	24.4	0.85	27.6	0.6	29.1	0.4												
72.0	18.3	3.35	20.6	2.85	21.8	2.05	21.9	1.4	20.8	2.7	24.0	1.9	25.9	1.3	26.4	0.7	21.9	1.15	26.6	0.8	29.5	0.6	30.8	0.4												
70.0	20.1	3.1	22.3	2.7	23.5	2.0	23.4	1.4	22.6	2.55	25.9	1.8	27.5	1.25	27.9	0.7	24.1	1.1	28.6	0.8	31.3	0.55	32.4	0.4												
68.0	21.6	2.55	23.8	2.25	25.1	2.0	24.9	1.4	24.3	2.15	27.6	1.75	29.1	1.25	29.4	0.7	26.3	1.1	30.5	0.75	33.1	0.55	33.8	0.4												
65.0	23.8	1.8	25.8	1.6	27.0	1.5	27.1	1.4	26.6	1.55	29.8	1.3	31.5	1.2	31.5	0.7	29.4	1.05	33.3	0.7	35.6	0.55	36.0	0.4												
63.0	25.2	1.45	27.2	1.3	28.3	1.2	28.3	1.2	28.2	1.25	31.3	1.05	32.8	0.95	32.9	0.7	31.3	1.0	35.2	0.7	37.2	0.55	37.4	0.4												
60.0	27.3	0.95	29.3	0.85	30.2	0.8			30.4	0.8	33.3	0.65	34.7	0.55			33.8	0.7	37.6	0.5																
59.0	28.0	0.8	29.9	0.7	30.8	0.65			31.2	0.65	33.9	0.5					34.5	0.55																		
58.0	28.7	0.7	30.5	0.55	31.4	0.5			31.8	0.5																										
57.0	29.4	0.55																																		
A (°)	56 to 84						57 to 84						62 to 84						58 to 84						59 to 84						62 to 84					

A: Boom angle range (without load)

[Jib (44.0 m boom)]

Outrigger middle extension (5.38 m)																									-side-									
44.0 m boom + 8.4 m jib												44.0 m boom + 13.1 m jib												44.0 m boom + 17.7 m jib										
Boom angle	Offset						Offset						Offset						Offset															
	5°		25°		45°		60°		5°		25°		45°		60°		5°		25°		45°		60°											
	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)										
84.0	6.3	4.0	9.3	3.5	10.9	2.2	11.7	1.4	7.2	2.8	12.0	2.5	14.5	1.5	16.0	0.7	7.6	1.5	13.1	1.0	17.4	0.7	19.9	0.4										
80.0	10.6	4.0	13.5	3.5	14.8	2.2	15.3	1.4	12.0	2.8	16.3	2.3	18.6	1.4	19.6	0.7	12.7	1.4	17.9	0.95	21.7	0.65	23.7	0.4										
77.0	13.7	4.0	16.2	3.3	17.5	2.15	17.8	1.4	15.3	2.8	19.3	2.15	21.4	1.35	22.3	0.7	16.2	1.3	21.2	0.9	24.7	0.6	26.5	0.4										
74.0	16.0	2.65	18.4	2.2	20.1	2.0	20.3	1.4	18.2	2.25	21.9	1.75	24.1	1.3	24.7	0.7	19.6	1.2	24.4	0.85	27.6	0.6	29.1	0.4										
72.0	17.5	2.05	19.8	1.65	21.5	1.55	21.9	1.4	19.8	1.7	23.5	1.35	25.8	1.2	26.4	0.7	21.9	1.15	26.6	0.8	29.5	0.6	30.8	0.4										
70.0	19.1	1.55	21.3	1.25	22.9	1.15	23.3	1.15	21.4	1.25	25.0	1.0	27.3	0.9	27.9	0.7	24.1	1.1	28.6	0.8	31.3	0.55	32.4	0.4										
69.0	19.9	1.3	22.1	1.05	23.6	1.0	23.9	1.0	22.3	1.1	25.8	0.85	27.9	0.75	28.6	0.7	25.0	0.95	29.5	0.7	32.2	0.55	33.1	0.4										
68.0	20.6	1.1	22.8	0.9	24.3	0.85	24.6	0.85	23.0	0.9	26.5	0.7	28.5	0.6	29.3	0.6	25.9	0.8	30.3	0.55														
67.0	21.3	0.9	23.5	0.75	25.0	0.7	25.2	0.7	23.8	0.75	27.2	0.55	29.3	0.5	29.9	0.5	26.7	0.65																
66.0	22.1	0.75	24.2	0.6	25.6	0.55	25.9	0.55	24.7	0.6							27.6	0.5																
65.0	22.9	0.6																																
A (°)	64 to 84			65 to 84			65 to 84			65 to 84			66 to 84			67 to 84			68 to 84			68 to 84												

Outrigger middle extension (4.18 m)																									-side-				
44.0 m boom + 8.4 m jib										44.0 m boom + 13.1 m jib										44.0 m boom + 17.7 m jib									
Offset										Offset										Offset									
Boom angle	5°			25°			45°			60°			5°			25°			45°			60°							
	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)							
84.0	6.3	4.0	9.3	3.5	10.9	2.2	11.7	1.4	7.2	2.8	12.0	2.5	14.5	1.5	16.0	0.7	7.6	1.5	13.1	1.0	17.4	0.7	19.9	0.4					
80.0	10.6	4.0	13.3	3.4	14.8	2.2	15.3	1.4	12.0	2.8	16.3	2.3	18.6	1.4	19.6	0.7	12.7	1.4	17.9	0.95	21.7	0.65	23.7	0.4					
77.0	12.9	2.6	15.5	2.1	17.3	1.8	17.8	1.4	14.7	2.1	18.8	1.6	21.3	1.3	22.3	0.7	16.2	1.3	21.2	0.9	24.7	0.6	26.5	0.4					
74.0	15.2	1.5	17.8	1.25	19.5	1.1	20.0	1.05	17.3	1.3	21.1	0.9	23.6	0.8	24.7	0.7	19.5	1.1	24.3	0.7	27.5	0.5	29.1	0.4					
72.0	16.9	1.0	19.3	0.8	20.9	0.7	21.4	0.65	19.0	0.8							21.3	0.7											
71.0	17.7	0.8																											
A (°)	70 to 84			71 to 84			71 to 84			71 to 84			73 to 84			73 to 84			73 to 84			73 to 84			73 to 84				

A: Boom angle range (without load)

[Jib (41.2 m boom)]

Maximum outrigger extension (7.8 m)																														41.2 m boom + 13.1 m jib										41.2 m boom + 17.7 m jib										-360 degrees-									
41.2 m boom + 8.4 m jib															41.2 m boom + 13.1 m jib															41.2 m boom + 17.7 m jib																													
Boom angle		Offset										Offset										Offset																																					
		5°		25°		45°		60°		5°		25°		45°		60°		5°		25°		45°		60°		5°		25°		45°		60°																											
		Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)																										
84.0		5.4	4.0	8.5	3.5	10.2	2.2	11.1	1.4	6.4	2.8	11.1	2.5	14.1	1.5	15.4	0.7	7.3	1.5	12.7	1.0	16.9	0.7	19.4	0.4																																		
80.0		9.4	4.0	12.3	3.5	13.8	2.2	14.5	1.4	10.7	2.8	15.1	2.3	17.8	1.4	18.8	0.7	11.9	1.4	17.1	0.95	21.0	0.65	23.0	0.4																																		
77.0		12.2	4.0	14.9	3.3	16.3	2.15	16.8	1.4	13.9	2.8	17.9	2.15	20.4	1.35	21.3	0.7	15.3	1.3	20.3	0.9	23.8	0.6	25.5	0.4																																		
74.0		15.1	4.0	17.6	3.15	18.8	2.1	19.1	1.4	17.1	2.8	20.7	2.0	23.0	1.3	23.6	0.7	18.6	1.2	23.3	0.85	26.6	0.6	28.0	0.4																																		
72.0		16.8	3.65	19.2	2.9	20.4	2.05	20.7	1.4	19.0	2.7	22.5	1.9	24.6	1.3	25.2	0.7	20.6	1.15	25.2	0.8	28.3	0.6	29.6	0.4																																		
70.0		18.5	3.3	20.7	2.7	21.9	2.0	22.1	1.4	20.9	2.6	24.2	1.8	26.1	1.25	26.6	0.7	22.8	1.1	27.2	0.8	30.0	0.55	31.1	0.4																																		
68.0		20.1	3.05	22.3	2.5	23.4	2.0	23.5	1.4	22.7	2.4	25.8	1.75	27.6	1.25	28.0	0.7	24.8	1.1	28.9	0.75	31.6	0.55	32.5	0.4																																		
65.0		22.4	2.7	24.5	2.25	25.6	1.95	25.5	1.4	25.3	2.1	28.3	1.65	29.9	1.2	30.0	0.7	27.7	1.05	31.6	0.7	34.0	0.55	34.5	0.4																																		
63.0		23.9	2.4	25.9	2.1	26.9	1.9	26.9	1.4	26.9	1.9	29.8	1.55	31.2	1.15	31.2	0.7	29.5	1.0	33.4	0.7	35.5	0.55	35.8	0.4																																		
60.0		25.9	1.8	27.8	1.6	28.8	1.5			29.1	1.5	31.9	1.25	33.3	1.15			32.3	1.0	35.8	0.65	37.6	0.5																																				
58.0		27.3	1.45	29.1	1.3	29.9	1.2			30.6	1.2	33.2	1.05	34.5	0.95			34.0	0.9	37.3	0.6	39.0	0.5																																				
57.0		27.9	1.35	29.7	1.2	30.5	1.1			31.3	1.1	33.8	0.9	35.1	0.8			34.8	0.85	38.0	0.6	39.6	0.5																																				
56.0		28.6	1.2	30.3	1.05	31.1	0.95			31.9	0.95	34.5	0.75	35.6	0.7			35.5	0.8	38.7	0.55	40.3	0.5																																				
55.0		29.1	1.0	30.9	0.9	31.6	0.8			32.6	0.8	35.1	0.65	36.2	0.6			36.2	0.65	39.3	0.45																																						
54.0		29.8	0.85	31.4	0.75	32.1	0.7			33.2	0.65	35.6	0.55	36.7	0.5			36.8	0.55																																								
53.0		30.3	0.7	32.0	0.6	32.7	0.55			33.8	0.55	36.3	0.45					37.5	0.45																																								
52.0		31.0	0.6	32.6	0.5	33.2	0.45			34.5	0.45																																																
51.0		31.6	0.45	33.1	0.4																																																						
A (°)		50 to 84										51 to 84										52 to 84								53 to 84						54 to 84						55 to 84						62 to 84											

[Jib (41.2 m boom)]

Outrigger middle extension (7.6 m)																										-side-																
41.2 m boom + 8.4 m jib													41.2 m boom + 13.1 m jib													41.2 m boom + 17.7 m jib																
Boom angle	Offset									Offset									Offset																							
	5°			25°			45°			60°			5°			25°			45°			60°			5°			25°			45°			60°								
	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)										
84.0	5.4	4.0	8.5	3.5	10.2	2.2	11.1	1.4	6.4	2.8	11.1	2.5	14.1	1.5	15.4	0.7	7.3	1.5	12.7	1.0	16.9	0.7	19.4	0.4																		
80.0	9.4	4.0	12.3	3.5	13.8	2.2	14.5	1.4	10.7	2.8	15.1	2.3	17.8	1.4	18.8	0.7	11.9	1.4	17.1	0.95	21.0	0.65	23.0	0.4																		
77.0	12.2	4.0	14.9	3.3	16.3	2.15	16.8	1.4	13.9	2.8	17.9	2.15	20.4	1.35	21.3	0.7	15.3	1.3	20.3	0.9	23.8	0.6	25.5	0.4																		
74.0	15.1	4.0	17.6	3.15	18.8	2.1	19.1	1.4	17.1	2.8	20.7	2.0	23.0	1.3	23.6	0.7	18.6	1.2	23.3	0.85	26.6	0.6	28.0	0.4																		
72.0	16.8	3.65	19.2	2.9	20.4	2.05	20.7	1.4	19.0	2.7	22.5	1.9	24.6	1.3	25.2	0.7	20.6	1.15	25.2	0.8	28.3	0.6	29.6	0.4																		
70.0	18.5	3.3	20.7	2.7	21.9	2.0	22.1	1.4	20.9	2.6	24.2	1.8	26.1	1.25	26.6	0.7	22.8	1.1	27.2	0.8	30.0	0.55	31.1	0.4																		
68.0	20.1	3.05	22.3	2.5	23.4	2.0	23.5	1.4	22.7	2.4	25.8	1.75	27.6	1.25	28.0	0.7	24.8	1.1	28.9	0.75	31.6	0.55	32.5	0.4																		
65.0	22.4	2.7	24.5	2.25	25.6	1.95	25.5	1.4	25.3	2.1	28.3	1.65	29.9	1.2	30.0	0.7	27.7	1.05	31.6	0.7	34.0	0.55	34.5	0.4																		
63.0	23.9	2.25	25.8	1.9	26.9	1.8	26.9	1.4	26.9	1.9	29.8	1.55	31.2	1.15	31.2	0.7	29.5	1.0	33.4	0.7	35.5	0.55	35.8	0.4																		
60.0	25.9	1.65	27.7	1.45	28.7	1.35			29.0	1.4	31.8	1.15	33.2	1.05			32.3	1.0	35.8	0.65	37.6	0.5																				
58.0	27.2	1.35	29.0	1.15	29.9	1.1			30.5	1.1	33.1	0.95	34.5	0.85			34.0	0.9	37.3	0.6	39.0	0.5																				
57.0	27.8	1.2	29.6	1.0	30.4	0.95			31.2	1.0	33.7	0.8	35.0	0.7			34.7	0.8	38.0	0.6	39.6	0.5																				
56.0	28.5	1.05	30.2	0.9	31.0	0.8			31.8	0.85	34.4	0.65	35.6	0.6			35.4	0.7	38.6	0.5	40.2	0.45																				
55.0	29.1	0.9	30.8	0.75	31.6	0.7			32.5	0.7	35.0	0.55	36.1	0.5			36.1	0.55	39.2	0.4																						
54.0	29.7	0.75	31.3	0.6	32.1	0.55			33.1	0.55	35.6	0.45	36.7	0.4			36.7	0.45																								
53.0	30.3	0.6	31.9	0.5	32.6	0.45			33.7	0.45																																
52.0	30.9	0.45																																								
A (°)	51 to 84						52 to 84						62 to 84						53 to 84						54 to 84						55 to 84						62 to 84					

Outrigger middle extension (7.2 m)																										-side-										
41.2 m boom + 8.4 m jib													41.2 m boom + 13.1 m jib													41.2 m boom + 17.7 m jib										
Boom angle	Offset									Offset									Offset																	
5°			25°			45°			60°			5°			25°			45°			60°			5°			25°			45°			60°			
Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)					
10.5	5.4	4.0	8.5	3.5	10.2	2.2	11.1	1.4	6.4	2.8	11.1	2.5	14.1	1.5	15.4	0.7	7.3	1.5	12.7	1.0	16.9	0.7	19.4	0.4												
80.0	9.4	4.0	12.3	3.5	13.8	2.2	14.5	1.4	10.7	2.8	15.1	2.3	17.8	1.4	18.8	0.7	11.9	1.4	17.1	0.95	21.0	0.65	23.0	0.4												
77.0	12.2	4.0	14.9	3.3	16.3	2.15	16.8	1.4	13.9	2.8	17.9	2.15	20.4	1.35	21.3	0.7	15.3	1.3	20.3	0.9	23.8	0.6	25.5	0.4												
74.0	15.1	4.0	17.6	3.15	18.8	2.1	19.1	1.4	17.1	2.8	20.7	2.0	23.0	1.3	23.6	0.7	18.6	1.2	23.3	0.85	26.6	0.6	28.0	0.4												
72.0	16.8	3.65	19.2	2.9	20.4	2.05	20.7	1.4	19.0	2.7	22.5	1.9	24.6	1.3	25.2	0.7	20.6	1.15	25.2	0.8	28.3	0.6	29.6	0.4												
70.0	18.5	3.3	20.7	2.7	21.9	2.0	22.1	1.4	20.9	2.6	24.2	1.8	26.1	1.25	26.6	0.7	22.8	1.1	27.2	0.8	30.0	0.55	31.1	0.4												
68.0	20.1	3.05	22.3	2.5	23.4	2.0	23.5	1.4	22.7	2.4	25.8	1.75	27.6	1.25	28.0	0.7	24.8	1.1	28.9	0.75	31.6	0.55	32.5	0.4												
65.0	22.2	2.35	24.4	2.05	25.6	1.9	25.5	1.4	25.2	1.95	28.2	1.6	29.9	1.2	30.0	0.7	27.7	1.05	31.6	0.7	34.0	0.55	34.5	0.4												
63.0	23.7	1.9	25.6	1.65	26.8	1.55	26.9	1.4	26.6	1.55	29.6	1.35	31.2	1.15	31.2	0.7	29.5	1.0	33.4	0.7	35.5	0.55	35.8	0.4												
60.0	25.7	1.4	27.6	1.2	28.6	1.15			28.8	1.15	31.6	0.95	33.1	0.85			32.3	0.95	35.8	0.65	37.6	0.5														
59.0	26.4	1.25	28.2	1.05	29.2	1.0			29.5	1.0	32.3	0.8	33.7	0.75			33.0	0.85	36.5	0.6	38.3	0.5														
58.0	27.1	1.1	28.8	0.9	29.8	0.85			30.2	0.9	33.0	0.7	34.3	0.6			33.7	0.7	37.2	0.55	39.0	0.45														
57.0	27.7	0.9	29.5	0.8	30.3	0.7			30.9	0.75	33.5	0.55	34.9	0.5			34.4	0.55																		
56.0	28.3	0.75	30.1	0.65	30.9	0.55			31.6	0.6	34.2	0.45					35.0	0.45																		
55.0	28.9	0.6	30.6	0.5	31.4	0.45			32.2	0.45																										
54.0	29.6	0.5																																		
A (°)	53 to 84						54 to 84						62 to 84						55 to 84						57 to 84						62 to 84					

A: Boom angle range (without load)

[Jib (41.2 m boom)]

Outrigger middle extension (5.38 m)															-side-	
41.2 m boom + 8.4 m jib															41.2 m boom + 17.7 m jib	
Boom angle	Offset														Offset	
	5°		25°		45°		60°		5°		25°		45°		60°	
	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)
10.5	5.4	4.0	8.5	3.5	10.2	2.2	11.1	1.4	6.4	2.8	11.1	2.5	14.1	1.5	15.4	0.7
80.0	9.4	4.0	12.3	3.5	13.8	2.2	14.5	1.4	10.7	2.8	15.1	2.3	17.8	1.4	18.8	0.7
77.0	12.2	4.0	14.9	3.3	16.3	2.15	16.8	1.4	13.9	2.8	17.9	2.15	20.4	1.35	21.3	0.7
74.0	14.8	3.2	17.3	2.7	18.8	2.1	19.1	1.4	16.9	2.6	20.7	2.0	23.0	1.3	23.6	0.7
72.0	16.3	2.5	18.8	2.1	20.3	1.9	20.7	1.4	18.5	2.0	22.2	1.65	24.6	1.3	25.2	0.7
70.0	17.8	1.9	20.1	1.65	21.6	1.5	22.1	1.4	20.2	1.55	23.8	1.25	26.0	1.1	26.6	0.7
69.0	18.5	1.65	20.9	1.45	22.3	1.3	22.8	1.3	21.0	1.35	24.5	1.1	26.7	0.95	27.3	0.7
68.0	19.3	1.45	21.6	1.25	23.0	1.15	23.4	1.1	21.7	1.15	25.2	0.95	27.4	0.85	28.0	0.7
67.0	20.0	1.25	22.3	1.05	23.7	1.0	24.0	0.95	22.5	1.0	25.9	0.8	28.0	0.7	28.7	0.7
66.0	20.8	1.05	23.0	0.9	24.3	0.85	24.6	0.8	23.4	0.85	26.7	0.65	28.7	0.6	29.3	0.6
65.0	21.5	0.9	23.7	0.75	25.0	0.7	25.2	0.7	24.1	0.7	27.4	0.55				
64.0	22.2	0.75	24.3	0.6	25.6	0.55	25.8	0.5	24.9	0.55						
63.0	23.0	0.55														
A (°)	62 to 84				63 to 84		64 to 84		63 to 84		64 to 84		65 to 84		64 to 84	
															65 to 84	66 to 84
																67 to 84

Outrigger middle extension (4.18 m)															-side-	
41.2 m boom + 8.4 m jib															41.2 m boom + 17.7 m jib	
Boom angle	Offset														Offset	
	5°		25°		45°		60°		5°		25°		45°		60°	
	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)
84.0	5.4	4.0	8.5	3.5	10.2	2.2	11.1	1.4	6.4	2.8	11.1	2.5	14.1	1.5	15.4	0.7
80.0	9.4	4.0	12.3	3.5	13.8	2.2	14.5	1.4	10.7	2.8	15.1	2.3	17.8	1.4	18.8	0.7
77.0	11.9	3.0	14.6	2.4	16.3	2.15	16.8	1.4	13.8	2.5	17.8	1.9	20.4	1.35	21.3	0.7
74.0	14.3	1.95	16.8	1.5	18.5	1.35	19.1	1.3	16.3	1.6	20.1	1.15	22.7	1.0	23.6	0.7
72.0	15.8	1.35	18.2	1.05	19.8	0.95	20.4	0.9	17.9	1.1	21.7	0.8	24.2	0.7	25.1	0.65
71.0	16.5	1.1	18.9	0.85	20.5	0.75	21.1	0.75	18.7	0.9	22.4	0.65				
70.0	17.3	0.9	19.6	0.7					19.6	0.7						
A (°)	69 to 84				70 to 84		70 to 84		69 to 84		70 to 84		71 to 84		70 to 84	
																73 to 84

A: Boom angle range (without load)

2-(2) When using outriggers front special capacity

[Boom]
—Front—

Unit (t)

Boom length Load radius	※9.8 m	16.6 m	23.5 m	30.3 m	37.2 m	41.2 m	44.0 m
2.1 m	70.0						
2.8 m	60.0	32.0	24.0	12.5			
3.0 m	56.5	32.0	24.0	12.5			
3.5 m	51.9	32.0	24.0	12.5	12.0		
4.0 m	48.6	32.0	24.0	12.5	12.0	10.0	
4.5 m	44.3	32.0	24.0	12.5	12.0	10.0	8.2
5.0 m	39.5	32.0	24.0	12.5	12.0	10.0	8.2
5.5 m	35.8	32.0	24.0	12.5	12.0	10.0	8.2
6.0 m	32.4	31.3	23.6	12.5	12.0	10.0	8.2
6.5 m	29.3	29.0	22.1	12.5	12.0	10.0	8.2
7.0 m		26.4	20.7	12.5	12.0	10.0	8.2
8.0 m		22.1	18.4	12.5	12.0	10.0	8.2
9.0 m		18.9	16.5	12.5	12.0	10.0	8.2
10.0 m		16.4	14.9	12.5	12.0	10.0	8.2
11.0 m		14.4	13.5	12.5	11.4	10.0	8.2
12.0 m		12.7	12.3	11.5	10.5	9.75	8.2
13.0 m		11.35	11.2	10.7	9.75	9.05	8.2
14.0 m			10.0	9.9	9.0	8.4	7.95
16.0 m			8.1	8.55	7.8	7.3	6.9
18.0 m			6.45	7.35	6.85	6.45	6.05
20.0 m			5.05	6.0	6.0	5.7	5.35
22.0 m				4.85	5.35	5.1	4.8
24.0 m				3.95	4.5	4.55	4.3
26.0 m				3.2	3.7	3.9	3.9
27.0 m				2.9	3.35	3.6	3.7
28.0 m					3.05	3.25	3.4
30.0 m					2.5	2.7	2.85
32.0 m					2.05	2.25	2.35
34.0 m					1.7	1.85	1.95
35.0 m						1.65	1.75
36.0 m						1.5	1.6
38.0 m						1.25	1.3
40.0 m							1.05
A (°)	0 to 84						
Standard hook block	35 ton hook block × 2	35 ton hook block					

Asterisked (*) values are for heavy load lifting device.

A: Boom angle range (without load)

[Jib (44.0 m boom)]

-Front-

Boom angle	44.0 m boom + 8.4 m jib										44.0 m boom + 13.1 m jib										44.0 m boom + 17.7 m jib																																							
	Offset										Offset										Offset																																							
	5°			25°			45°			60°			5°			25°			45°			60°			5°			25°			45°			60°																										
	Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)		Load radius (m)	Rated lifting capacity (t)																									
84.0	6.3	4.0		9.3	3.5		10.9	2.2		11.7	1.4		7.2	2.8		12.0	2.5		14.5	1.5		7.6	1.5		13.1	1.0		17.4	0.7		19.9	0.4																												
80.0	10.6	4.0		13.5	3.5		14.8	2.2		15.3	1.4		12.0	2.8		16.3	2.3		18.6	1.4		12.7	1.4		17.9	0.95		21.7	0.65		23.7	0.4																												
77.0	13.7	4.0		16.2	3.3		17.5	2.15		17.8	1.4		15.3	2.8		19.3	2.15		21.4	1.35		16.2	1.3		21.2	0.9		24.7	0.6		26.5	0.4																												
74.0	16.5	3.6		18.9	3.0		20.2	2.1		20.3	1.4		18.7	2.8		22.2	2.0		24.1	1.3		19.6	1.2		24.4	0.85		27.6	0.6		29.1	0.4																												
72.0	18.3	3.35		20.6	2.85		21.8	2.05		21.9	1.4		20.8	2.7		24.0	1.9		25.9	1.3		21.9	1.15		26.6	0.8		29.5	0.6		30.8	0.4																												
70.0	20.1	3.1		22.3	2.7		23.5	2.0		23.4	1.4		22.6	2.55		25.9	1.8		27.5	1.25		24.1	1.1		28.6	0.8		31.3	0.55		32.4	0.4																												
68.0	21.9	2.95		23.9	2.5		25.1	2.0		24.9	1.4		24.6	2.4		27.6	1.75		29.1	1.25		26.3	1.1		30.5	0.75		33.1	0.55		33.8	0.4																												
65.0	24.4	2.7		26.3	2.25		27.4	1.95		27.1	1.4		27.2	2.1		30.2	1.65		31.5	1.2		29.4	1.05		33.3	0.7		35.6	0.55		36.0	0.4																												
63.0	26.0	2.5		27.8	2.1		28.8	1.9		28.4	1.4		28.9	1.9		31.8	1.55		33.0	1.15		31.3	1.0		35.2	0.7		37.2	0.55		37.4	0.4																												
60.0	28.2	2.2		30.0	1.9		30.9	1.8		30.5	1.4		31.4	1.7		34.1	1.4		35.2	1.15		34.2	1.0		37.7	0.65		39.4	0.5		39.4	0.4																												
55.0	31.9	1.75		33.4	1.65		34.2	1.55					35.3	1.4		37.8	1.2		38.6	1.1					38.7	0.9		41.8	0.6		42.9	0.5																												
53.0	33.2	1.6		34.6	1.5		35.3	1.4					36.8	1.3		39.1	1.15		39.8	1.1					40.3	0.85		43.2	0.6		44.1	0.5																												
51.0	34.4	1.35		35.8	1.2		36.3	1.15					38.2	1.15		40.3	0.95		40.9	0.9					41.9	0.8		44.6	0.6		45.2	0.5																												
49.0	35.6	1.1		36.9	1.0		37.4	0.95					39.5	0.9		41.3	0.75		41.9	0.75					43.2	0.75		46.0	0.55		46.4	0.5																												
46.0	37.3	0.8		38.5	0.7		38.8	0.65					41.3	0.6		43.0	0.5		43.3	0.5					45.1	0.5																																		
45.0	37.8	0.7		39.0	0.6		39.3	0.55					41.9	0.5		43.6	0.45		43.7	0.4					45.8	0.4																																		
43.0	39.0	0.5		39.9	0.4																																																							
A (°)	42 to 84										44 to 84										44 to 84										48 to 84										59 to 84										59 to 84									

A: Boom angle range (without load)

[Jib (41.2 m boom)]

-Front-

Boom angle	41.2 m boom + 8.4 m jib										41.2 m boom + 13.1 m jib										41.2 m boom + 17.7 m jib											
	Offset										Offset										Offset											
	5°		25°		45°		60°		5°		25°		45°		60°		5°		25°		45°		60°		5°		25°		45°		60°	
	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)	Load radius (m)	Rated lifting capacity (t)
84.0	5.4	4.0	8.5	3.5	10.2	2.2	11.1	1.4	6.4	2.8	11.1	2.5	14.1	1.5	15.4	0.7	7.3	1.5	12.7	1.0	16.9	0.7	19.4	0.4								
80.0	9.4	4.0	12.3	3.5	13.8	2.2	14.5	1.4	10.7	2.8	15.1	2.3	17.8	1.4	18.8	0.7	11.9	1.4	17.1	0.95	21.0	0.65	23.0	0.4								
77.0	12.2	4.0	14.9	3.3	16.3	2.15	16.8	1.4	13.9	2.8	17.9	2.15	20.4	1.35	21.3	0.7	15.3	1.3	20.3	0.9	23.8	0.6	25.5	0.4								
74.0	15.1	4.0	17.6	3.15	18.8	2.1	19.1	1.4	17.1	2.8	20.7	2.0	23.0	1.3	23.6	0.7	18.6	1.2	23.3	0.85	26.6	0.6	28.0	0.4								
72.0	16.8	3.65	19.2	2.9	20.4	2.05	20.7	1.4	19.0	2.7	22.5	1.9	24.6	1.3	25.2	0.7	20.6	1.15	25.2	0.8	28.3	0.6	29.6	0.4								
70.0	18.5	3.3	20.7	2.7	21.9	2.0	22.1	1.4	20.9	2.6	24.2	1.8	26.1	1.25	26.6	0.7	22.8	1.1	27.2	0.8	30.0	0.55	31.1	0.4								
68.0	20.1	3.05	22.3	2.5	23.4	2.0	23.5	1.4	22.7	2.4	25.8	1.75	27.6	1.25	28.0	0.7	24.8	1.1	28.9	0.75	31.6	0.55	32.5	0.4								
65.0	22.4	2.7	24.5	2.25	25.6	1.95	25.5	1.4	25.3	2.1	28.3	1.65	29.9	1.2	30.0	0.7	27.7	1.05	31.6	0.7	34.0	0.55	34.5	0.4								
63.0	24.0	2.5	25.9	2.1	26.9	1.9	26.9	1.4	26.9	1.9	29.8	1.55	31.2	1.15	31.2	0.7	29.5	1.0	33.4	0.7	35.5	0.55	35.8	0.4								
60.0	26.1	2.2	28.0	1.9	28.9	1.8	28.8	1.4	29.3	1.7	32.1	1.4	33.3	1.15	33.2	0.7	32.3	1.0	35.8	0.65	37.6	0.5	37.8	0.4								
55.0	29.7	1.85	31.3	1.65	32.0	1.55			33.1	1.4	35.6	1.2	36.5	1.1			36.5	0.9	39.6	0.6	40.9	0.5										
53.0	30.9	1.65	32.5	1.55	33.1	1.5			34.5	1.3	36.9	1.15	37.6	1.1			38.0	0.85	41.0	0.6	42.1	0.5										
51.0	32.1	1.5	33.6	1.4	34.2	1.4			35.9	1.2	38.1	1.1	38.7	1.05			39.6	0.8	42.3	0.6	43.2	0.5										
49.0	33.4	1.4	34.7	1.3	35.2	1.35			37.2	1.15	39.4	1.05	39.8	1.0			41.0	0.75	43.5	0.55	44.2	0.5										
46.0	35.1	1.2	36.3	1.05	36.6	1.0			39.1	1.0	40.9	0.85	41.2	0.8			43.1	0.7	45.3	0.5	45.7	0.5										
45.0	35.6	1.1	36.8	0.95	37.0	0.9			39.6	0.9	41.4	0.75	41.6	0.7			43.7	0.65	45.9	0.5	46.1	0.5										
43.0	36.6	0.85	37.7	0.75					40.7	0.7	42.3	0.6					44.9	0.55	46.9	0.45												
41.0	37.6	0.7	38.7	0.6					41.7	0.55	43.3	0.45					46.0	0.45														
40.0	38.1	0.6	39.1	0.55					42.2	0.45	43.7	0.4																				
39.0	38.6	0.5	39.5	0.45					42.7	0.4																						
38.0	39.0	0.45	39.9	0.4																												
37.0	39.4	0.4																														
A (°)	36 to 84		37 to 84		44 to 84		59 to 84		38 to 84		39 to 84		44 to 84		59 to 84		40 to 84		42 to 84		44 to 84		59 to 84									

A: Boom angle range (without load)

Precautions when using outriggers

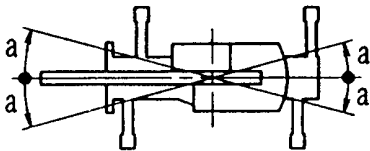
1. The rated lifting capacities assume that the crane is set horizontally on firm ground, and include the weight of the lifting devices and main winch hook block (340 kg) when working with the boom and the weight of the lifting devices and auxiliary hook block (100 kg) when working with the jib.
The values above the bold line are based on the structural strength while those below are based on the crane stability factor.
2. The load radius is based on the actual figure including the boom deflection, so always use the load radius as the standard when working with the boom.
3. Jib rated lifting capacity table differs depending on whether or not boom length exceeds 41.2 m.
4. When performing jib lifting, use boom angle as the standard. Furthermore, load radius values are calculated values, assuming that the jib is attached to a 41.2 or 44.0 m boom, and actual load radius may differ.
5. The rated lifting capacity for the single top is the value obtained by subtracting 240 kg from the boom rated lifting capacity, and includes the weight of the lifting devices and auxiliary winch hook block (100 kg), and must not exceed 5.0 t.
6. High-speed hoist down should only be used when only the hook block is being lowered. Also, sudden lever operations should be avoided.
7. The standard number of parts of line on the hook block for each boom length are as shown in the chart below.

However, when using other number of parts of line, the load per line must not exceed 4.38 t for main winch wire rope or 5.0 t for auxiliary winch wire rope.

Boom length	9.8 m	16.6 m	23.5 m	30.3 m	37.2 m	41.2 m	44.0 m	Jib/single top
Number of parts of line	8 × 2	8	6	4	4	4	4	1

8. When using the jib, the wire rope number of parts of line is 1.
9. The lifting capacity in the over-side area differs depends on the extension width of the outriggers. Perform work within the capacity according to the extension width.

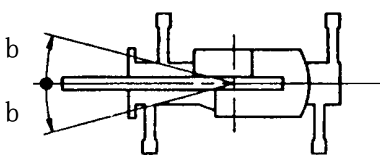
The lifting capacity for the over-front and over-rear areas is the rated lifting capacity of the "maximum outriggers extension," but the range (angle a) in the over-front and over-rear areas depends on outrigger extension width in use.



10. Front special capacity can be enabled when using a combination of maximum front outrigger extensions (7.8 m) and medium rear outrigger extension (5.38 m).

The over-front range (angle b) when using front special capacity differs depending on outrigger extension width.

Additionally, the over-side/over-rear lifting capability will be the standard capacity corresponding to the extension width of the outriggers.



Extension width	Middle extension (7.6 m)	Middle extension (7.2 m)	Middle extension (5.38 m)	Middle extension (4.18 m)	Minimum extension (2.36 m)
Angle a°	45	40	30	20	10

Rear outrigger Extension width	Maximum extension (7.8 m)	Middle extension (7.6 m)	Middle extension (7.2 m)	Middle extension (5.38 m)
Angle b°	45	45	45	40

2-(3) When on-rubber

Unit (t)								
Boom length	When stopped				When travelling (1.6 km/h or less)			
	9.8 m boom		16.6 m boom		9.8 m boom		16.6 m boom	
Load radius	Front	360 degrees	Front	360 degrees	Front	360 degrees	Front	360 degrees
3.5 m	8.95	3.9	8.7	3.6	7.45	3.2	7.25	3.0
4.0 m	7.75	3.0	7.5	2.65	6.45	2.45	6.25	2.2
4.5 m	6.7	2.2	6.45	1.9	5.6	1.8	5.4	1.55
5.0 m	5.85	1.6	5.6	1.3	4.85	1.3	4.65	1.05
5.5 m	5.1	1.05	4.85	0.75	4.2	0.85	4.0	0.6
6.0 m	4.4	0.6	4.15	0.5	3.65	0.5	3.45	
6.5 m	3.85		3.6		3.15		2.95	
7.0 m			3.05				2.55	
8.0 m			2.2				1.8	
9.0 m			1.45				1.2	
10.0 m			0.85				0.7	
A (°)	0 to 73	20 to 60	35 to 73	60 to 73	0 to 73	20 to 60	35 to 73	60 to 73
Standard hook block	35 ton hook block				35 ton hook block			

A: Boom angle range (without load)

Precautions when on-rubber

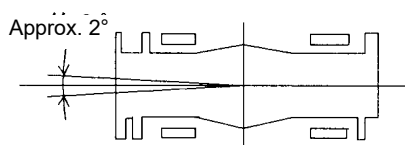
1. The rated lifting capacities assume that the crane is set horizontally on firm ground, the tires are at the standard pressure (900 kPa {9.00 kgf/cm²}) and the suspension cylinders are fully retracted, and include the weight of the lifting devices and main winch hook block (340 kg) when working with the boom.

The values above the thick line are based on the structural strength while those below are based on the crane stability factor. When performing actual work, use after considering the ground and operating conditions, etc.

2. The load radius is based on the actual figure including boom and tire deflection, so always use the load radius as the standard.
3. The standard number of parts of line on the hook block for each boom length are as shown in the chart below. However, when using other number of parts of line, the load per line must not exceed 4.38 t for main winch wire rope or 5.0 t for auxiliary winch wire rope.

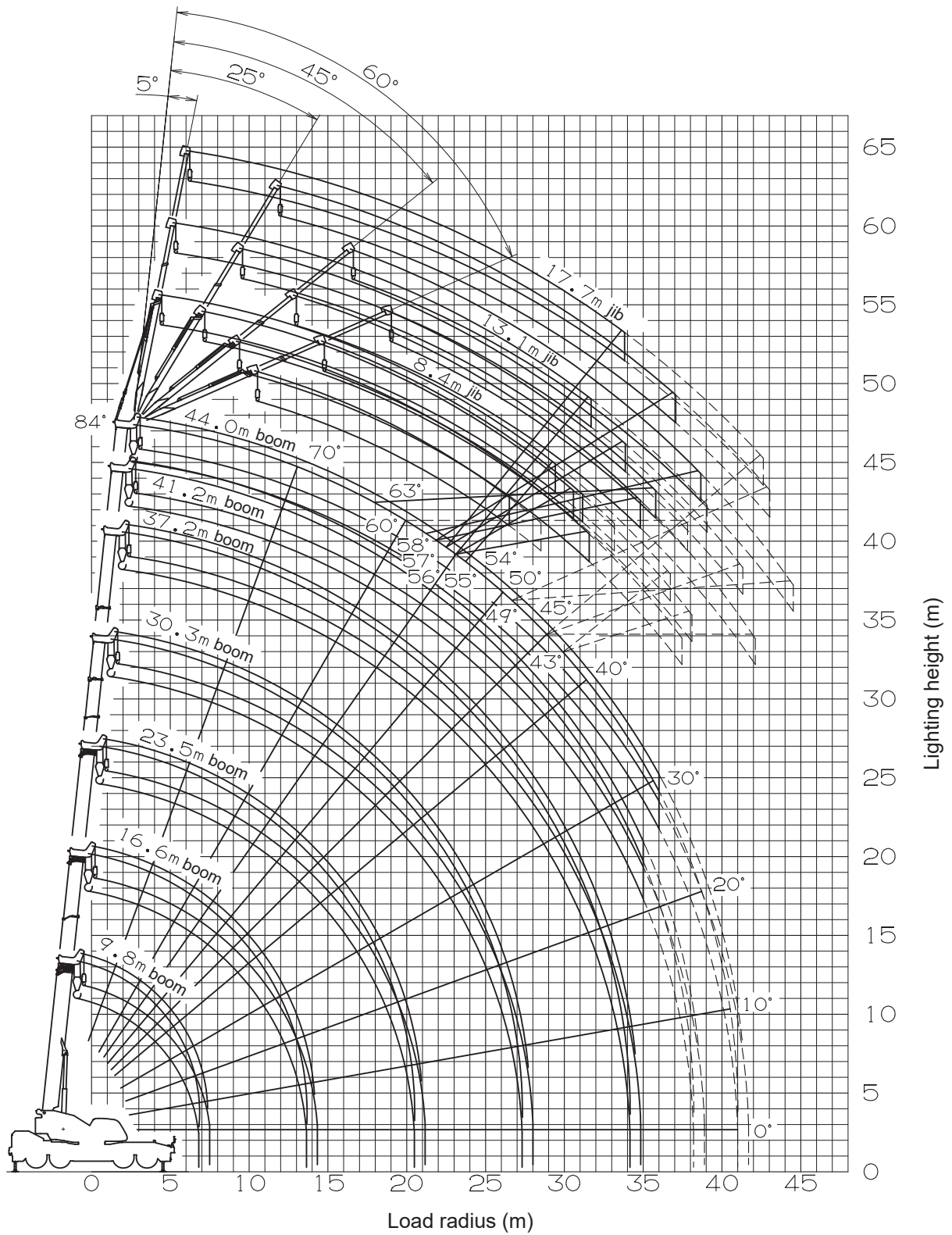
Boom length	9.8 m	16.6 m	Single top
Number of parts	4	4	1

4. Only perform crane operations in the front area while the AML "front position symbol" is lit. The front area is when the boom is within 2° of the front of the carrier.



5. The rated lifting capacity for the single top is the value obtained by subtracting 240 kg from the boom rated lifting capacity, and includes the weight of the lifting devices and auxiliary winch hook block (100 kg), and must not exceed 5.0 t.
6. Do not perform high-speed unwinding with a boom longer than 16.6 m or a jib.
7. Perform pick and carry with the "drive mode selector" switch set to "6WD low speed traveling" and the gearshift switch set to first gear.
8. Perform pick and carry with the slewing brake on, the load close to the ground so it will not swing, and at a speed of 1.6 km or lower. In particular, abrupt steering, starting or braking must be avoided.
9. Do not perform crane operations while performing pick and carry.

3. Working range chart



Note

1. The above drawing does not include boom deflection.
2. The above drawing shows outrigger maximum (7.8 m) extension.
3. The dotted lines in the chart above indicate special over-front capacity.

Technical drawings of the S 10000 crane truck, showing dimensions in millimeters (mm).

Side View Dimensions:

- Overall width: 2,780
- Min.: 9,800–Max.: 44,000
- Min.: 2,360–Max.: 7,800

Front View Dimensions:

- (Wheel track) 2,330

Rear View Dimensions:

- (Wheel track) 2,330

Side View Dimensions (Continued):

- Overall height: 3,750
- 4,035
- 1,725
- (Wheel base) 1,500
- 10,455
- (Wheel base) 4,000
- (Wheel base) 1,500
- 1,730
- (Overall length) 12,765

Min.: 9,800–Max.: 44,000