

SCX550E

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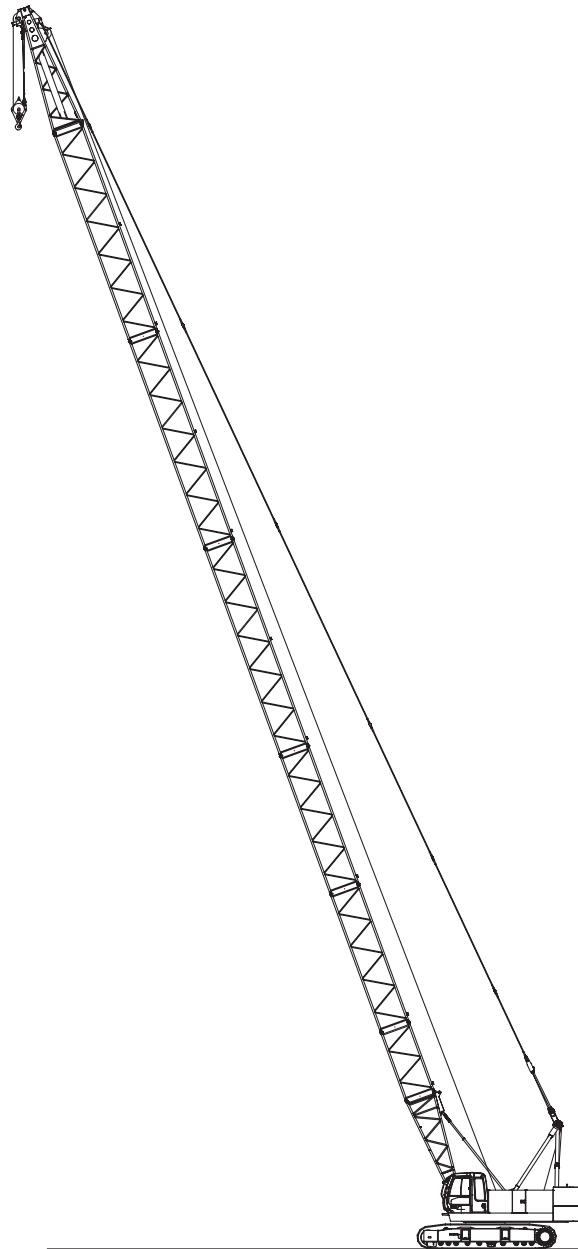
HYDRAULIC CRAWLER CRANE



Variation of The Attachment

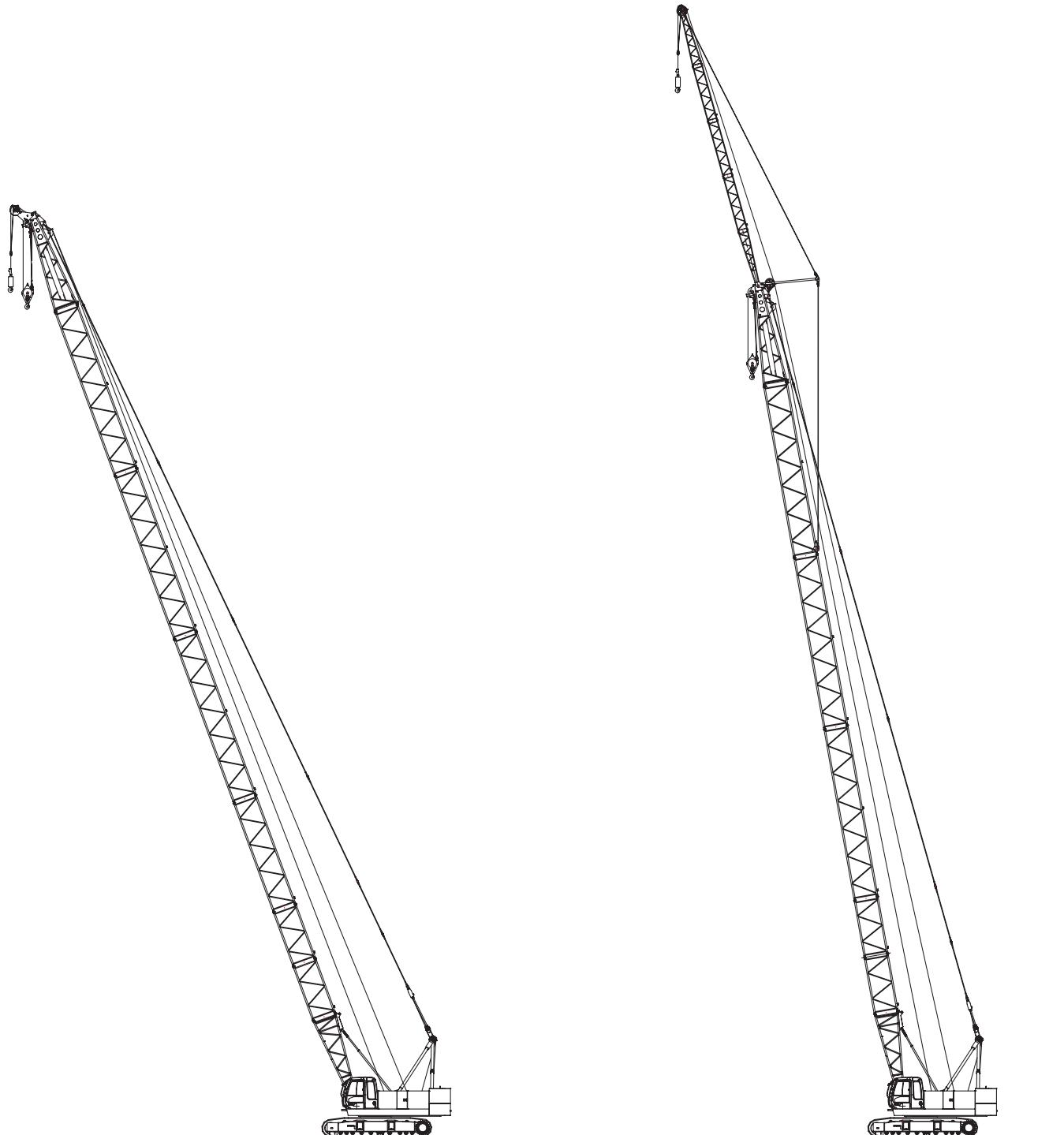
Line Speed *	Front / Rear Winch	m/min	75
	Boom Hoist Winch		62
Swing Speed		min ⁻¹ (rpm)	3.7
Travel Speed *		km/h	1.5
Gradeability		% (Degree)	30 (17)
Engine Model			ISUZU 6HK1 (Stage II, Tier 2)
Engine Rated Output Power		kW/min ⁻¹ (ps/rpm)	140 / 2000 (190 / 2000)

Note : Speeds marked with ** may vary depending on load applied.



**Crane Specification
(Boom Longest Length)**

Boom Length	m	10 to 52.70
Ground Contact Pressure	kPa (kgf/cm ²)	69.9 (0.71) (Boom longest length with 15 t hook)
Overall Operating Weight	t	Approximately 52.5 (Boom longest length with 15 t hook)



Crane Specification (Boom Longest Length with Aux. Sheave)

Boom Length	m	13.05 to 49.65
Ground Contact Pressure	kPa (kgf/cm ²)	70.6 (0.72) (Boom longest length + aux. sheave, 15 t + 6.5 t hook attached)
Overall Operating Weight	t	Approximately 53.0 (Boom longest length + aux. sheave, 15 t + 6.5 t hook attached)

Crane Specification (Boom Longest Length with Crane Jib)

Boom Length	m	22.20 to 43.55
Crane Jib Length	m	6 to 15
Boom + Crane Jib Longest Length	m	43.55 + 15
Ground Contact Pressure	kPa (kgf/cm ²)	71.0 (0.72) (Boom + crane jib longest length, 15 t + 6.5 t hook attached)
Overall Operating Weight	t	Approximately 53.3 (Boom + crane jib longest length, 15 t + 6.5 t hook attached)

VARIATION**Variation of The Attachment****2****SPECIFICATIONS****Specifications** 6**Crane Specifications** 7Dimensions and Specifications.....7Boom and Crane Jib Configurations8Combination of Boom and Crane Jib (Offset Angle 10° and 30°)9Working Ranges10 ■ Main Boom.....10 ■ Aux. Sheave11 ■ Crane Jib12Gross Rated Load Table13 ■ Main Boom.....13 ■ Aux. Sheave14 ■ Main Boom with Aux. Sheave15 ■ Crane Jib16 ■ Main Boom with Crane Jib.....19**Clamshell Specifications** 22Dimensions and Specifications.....22 ■ Working Ranges22 ■ Specifications.....22 ■ Clamshell Bucket22 ■ Gross Rated Load Table.....22

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Specifications

Engine

Model	ISUZU 6HK1
Type	4-cycle, Water-cooled, Direct injection, Turbo-charged, Diesel engine
Displacement	7,790 cc
Rated Output	140 kW / 2,000 min-1 (190 ps / 2,000 rpm)
Fuel Tank Capacity	285 liters
Notes	Engine meets Tier 2 / Stage II of engine exhaust gas emission regulations in USA, Europe, and Japan. Engine rated horsepower is based on international rating formula that includes engine alternator and without fan.

Swing System

Constructed with a hydraulic motor with reduction gear and multi-disc brakes and a swing bearing which has inner tooth.

Counter weight

Upper Weight	Total Weight 8.6 ton Base Weight 8.4 ton Top Weight	17.0 ton 1 piece 1 piece
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Control

Control System	Main actuators are driven by main hydraulic system controlled with pilot hydraulic system in depend on movement of control levers. Actuators enable the operation of a precise safety device by combining various electronic control with hydraulic system. It is able to set the most suitable machine speed depending on work by smooth operability.
Control Levers	Control levers are designed and located based on ergonomics. Control lever system is cross operation lever type.
Display Panel Design	7 inches of Display is adopted. This display is located to check a work state clearly without disturbing the view of the operator.

Carbody Frame

Welded steel construction.

Crawler Sideframe

Frame	Welded steel box construction and can be retracted for transportation.
Crawler Shoe	59 track shoes with triple grousers made of induction-hardened rolled alloy 760mm width.
Upper Roller	2 pieces each side.
Lower Roller	10 pieces each side.
Travel Device	1 peace each side. Hydraulic travel device (Hydraulic motor and reducer)
Travel speed (Gradability : 30%)	1.5 km/h

Hydraulic System

Hydraulic Oil Tank Capacity	250 liters		
Hydraulic Pump Capacity	Max.	29.4 MPa	
	P1	230 liters / min	for Front, Rear, boom hoist winch,travel and sideframe retract
	P2	230 liters / min	for Front, Rear and travel
	P3	131 liters / min	for Swing
	P4	36 liters / min	Pilot control

Winch

Front and Rear Winch

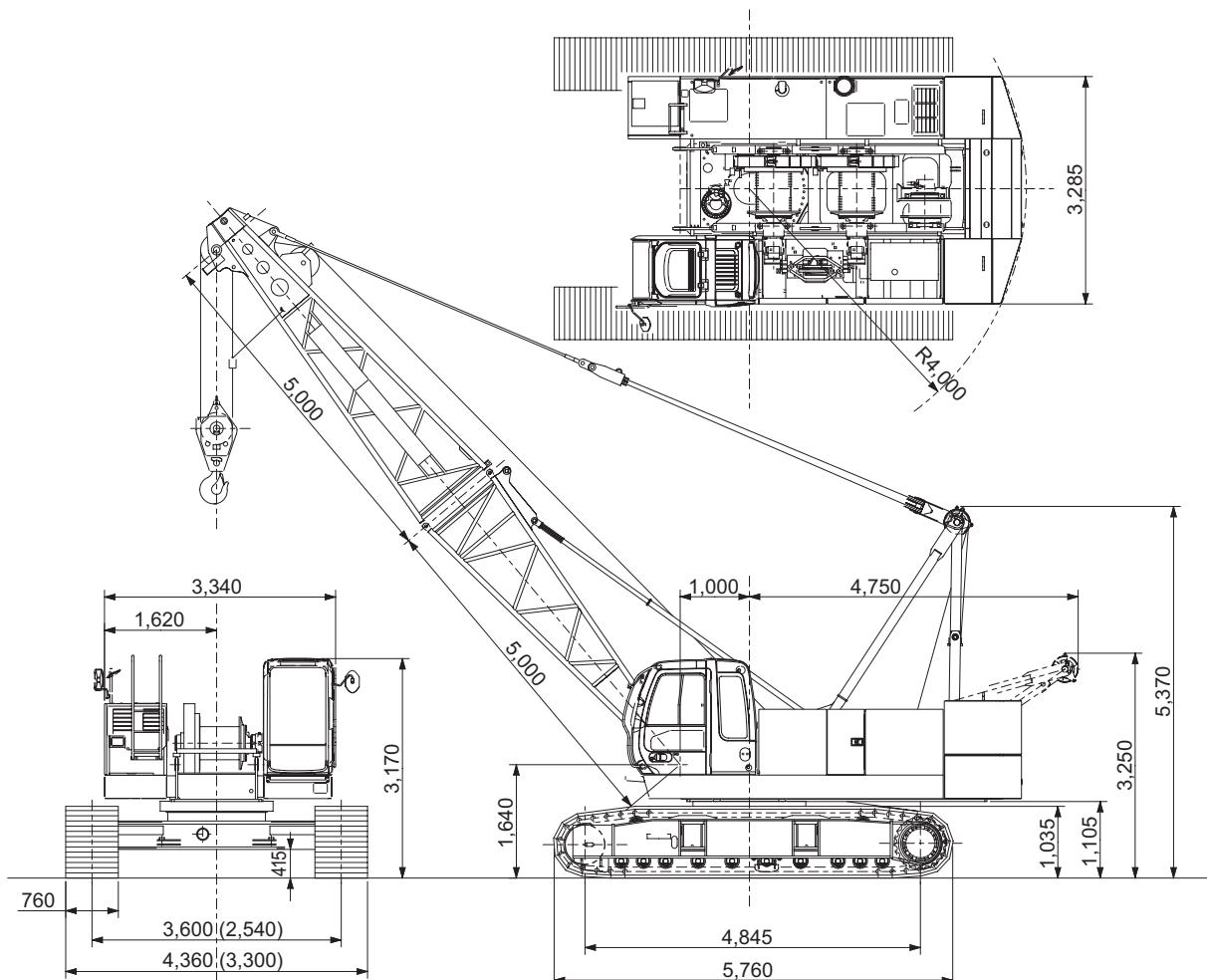
Winch	Front	Rear	
Rope Diameter	22 mm	22 mm	
Rope Length	Standard Winding Capacity	185 m 320 m	120 m 320 m
Line Pull	Rated	63 kN	63 kN

Boom Hoist Winch

Rope Diameter	16 mm	
Rope Length	Incorporated 135 mm	
Hydraulic motor with multi-disc brakes.		

Crane Specifications

Dimensions and Specifications



Dimesions in () are when tracks are fully retracted.

Crane Specifications

Max. Lifting Load x Working Radius	t x m	55 x 3.7
Basic Boom Length	m	10.0
Max. Boom Length	m	52.7
Max. Crane Jib Length	m	6 to 15
Max. Boom + Jib Length	m	43.55 + 15
Ground Contact Pressure	kPa (kgf/cm ²)	67.0 (0.68) (w / Basic Boom, 55 t Hook)
Overall Operating Weight	t	Approximately 50.0 (w / Basic Boom, 55 t Hook)

Hook Weight

55 t	700 kg
30 t	360 kg
15 t	320 kg
6.5 t	180 kg

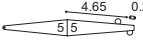
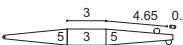
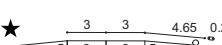
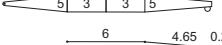
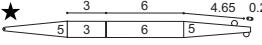
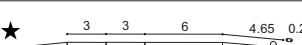
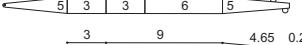
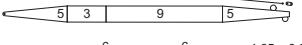
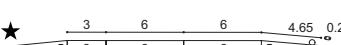
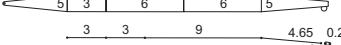
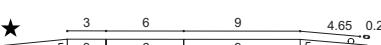
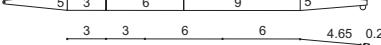
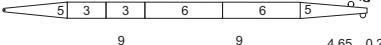
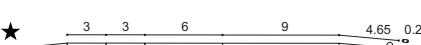
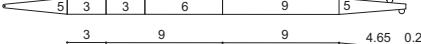
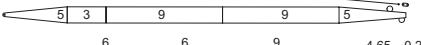
NOTE : Data is expressed in SI units followed by conventional units in ().

Front / Rear Winch Rope No. of Falls and Lifting Load

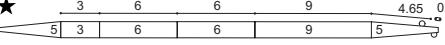
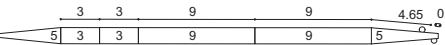
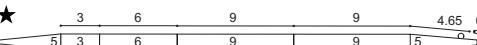
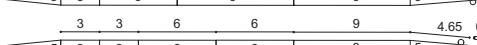
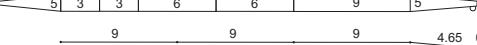
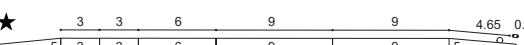
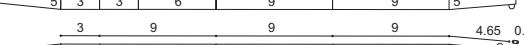
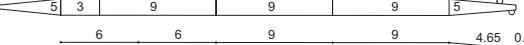
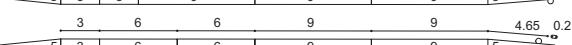
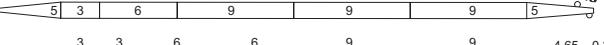
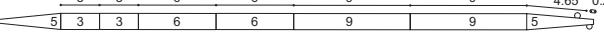
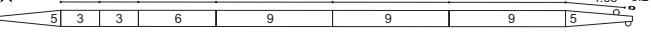
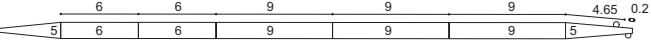
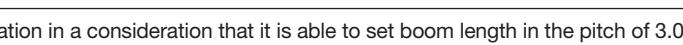
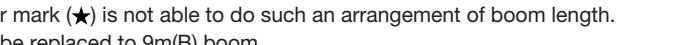
Hook Capacity (t)	9 Falls	8 Falls	7 Falls	6 Falls	5 Falls	4 Falls	3 Falls	2 Falls	1 Fall
55	55	52	45.5	39	32.5	26	19.5	13	-
30	-	-	-	-	30.0	26	19.5	13	-
15	-	-	-	-	-	-	15	13	-
6.5	-	-	-	-	-	-	-	-	6.5

Boom and Crane Jib Configurations

Boom (1/3)

Boom length (m)	Boom combinations
10.00 m	
13.05 m	
16.10 m	 
19.15 m	 
22.20 m	  
25.25 m	  
28.30 m	  
31.35 m	  

Boom (2/3)

Boom length (m)	Boom combinations
34.40 m	  
37.45 m	  
40.50 m	  
43.55 m	  
46.60 m	  
49.65 m	  
52.70 m	  

Note: 1. A star mark (★) indicates manufacturer's recommended boom configuration in a consideration that it is able to set boom length in the pitch of 3.05 meters from its maximum length; other boom configuration with no star mark (★) is not able to do such an arrangement of boom length.

2. In case that crane jib is attached, 9m boom under the top boom must be replaced to 9m(B) boom.

Aux. sheave availability

Boom length (m)	10.00	13.05	16.10	19.15	22.20	25.25	28.30	31.35	34.40	37.45	40.50	43.55	46.60	49.65	52.70
Aux. sheave	×	○	○	○	○	○	○	○	○	○	○	○	○	○	×

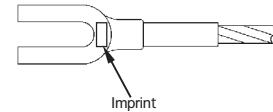
(○ : Attachable × : Not Attachable)

Check the pendant rope with referring to the imprints on the rope end.

Dimensions Not Shown In The Figure

Pendant Rope

Symbols	Boom Length (m)	Length (m)	Rope Diameter (mm)	Imprint
3	3.05	3.05	30	□ • △ • 30 • 3.048 • C
6	6.10	4.65	30	□ • △ • 30 • 4.65 • C
9	9.15	6.10	30	□ • △ • 30 • 6.096 • C
9B	9.15	9.15	30	□ • △ • 30 • 9.144 • C



Combination of Boom and Crane Jib (Offset Angle 10° and 30°)

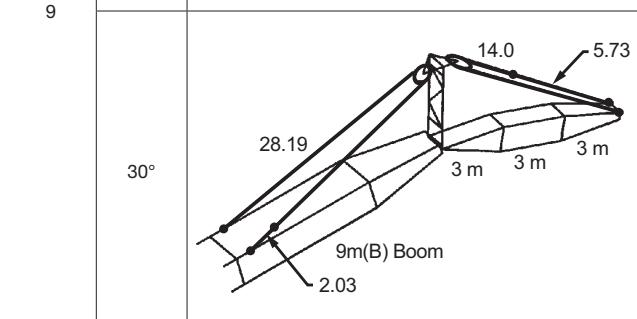
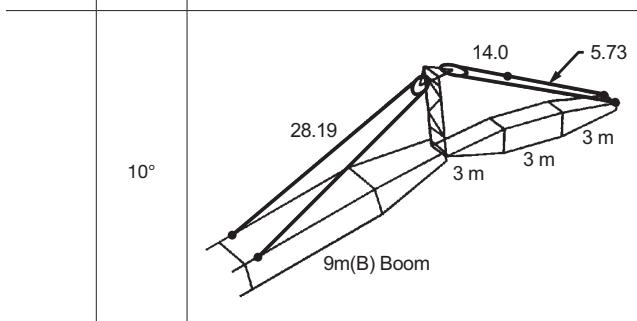
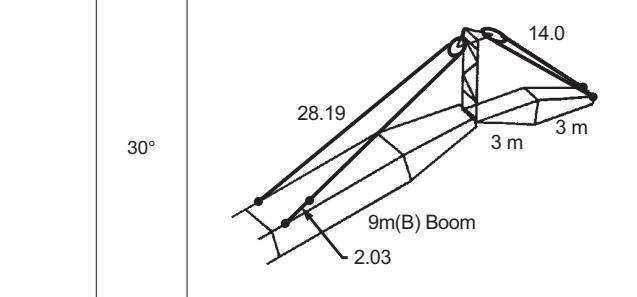
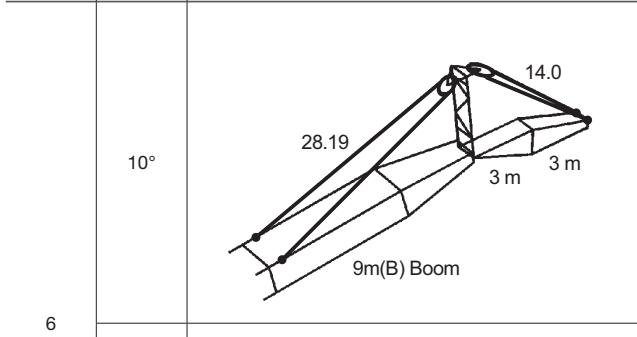
Combination of Boom and Crane Jib (Offset Angle 10° and 30°)

Boom Length (m)	10.00	13.05	16.10	19.15	22.20	25.25	28.30	31.35	34.40	37.45	40.50	43.55	46.60	49.65	52.70
Jib Length (m)	6	X	X	X	X	O	O	O	O	O	O	O	X	X	X
9	X	X	X	X	O	O	O	O	O	O	O	O	X	X	X
12	X	X	X	X	O	O	O	O	O	O	O	O	X	X	X
15	X	X	X	X	X	O	O	O	O	O	O	O	X	X	X

(O : Attachable X : Not Attachable)

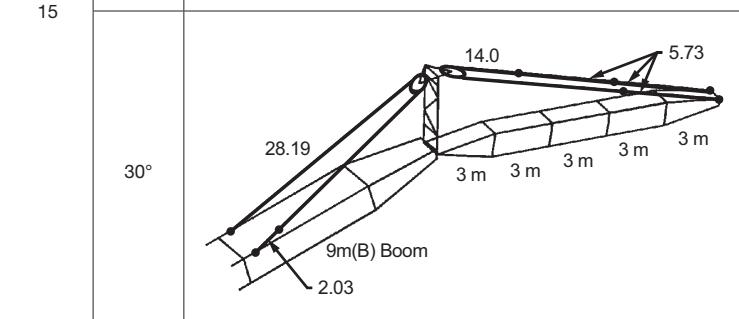
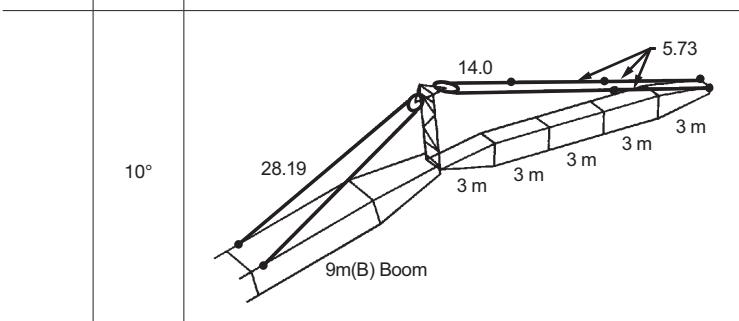
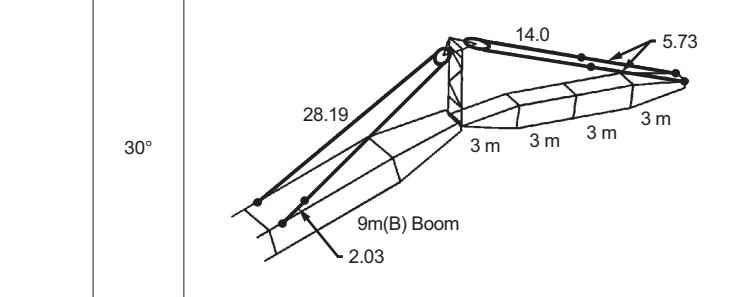
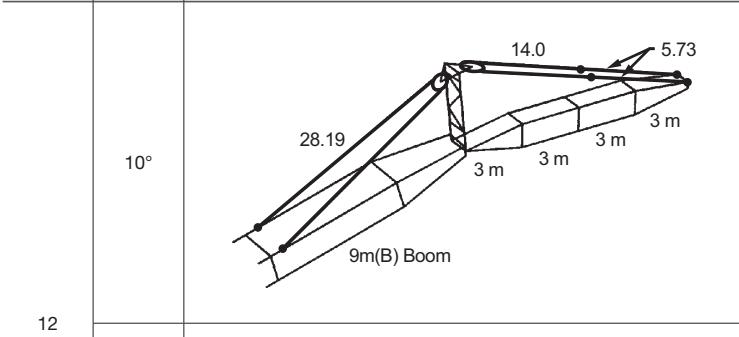
Crane Jib (Offset Angle 10° and 30°)

Crane Jib Length (m)	Offset Angle	Crane Jib Configurations
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Crane Jib (Offset Angle 10° and 30°)

Crane Jib Length (m)	Offset Angle	Crane Jib Configurations
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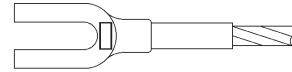
Check the pendant rope with referring to the imprints on the rope end.

Dimensions Not Shown In The Figure

Symbols	Jib Length (m)
3	3.0

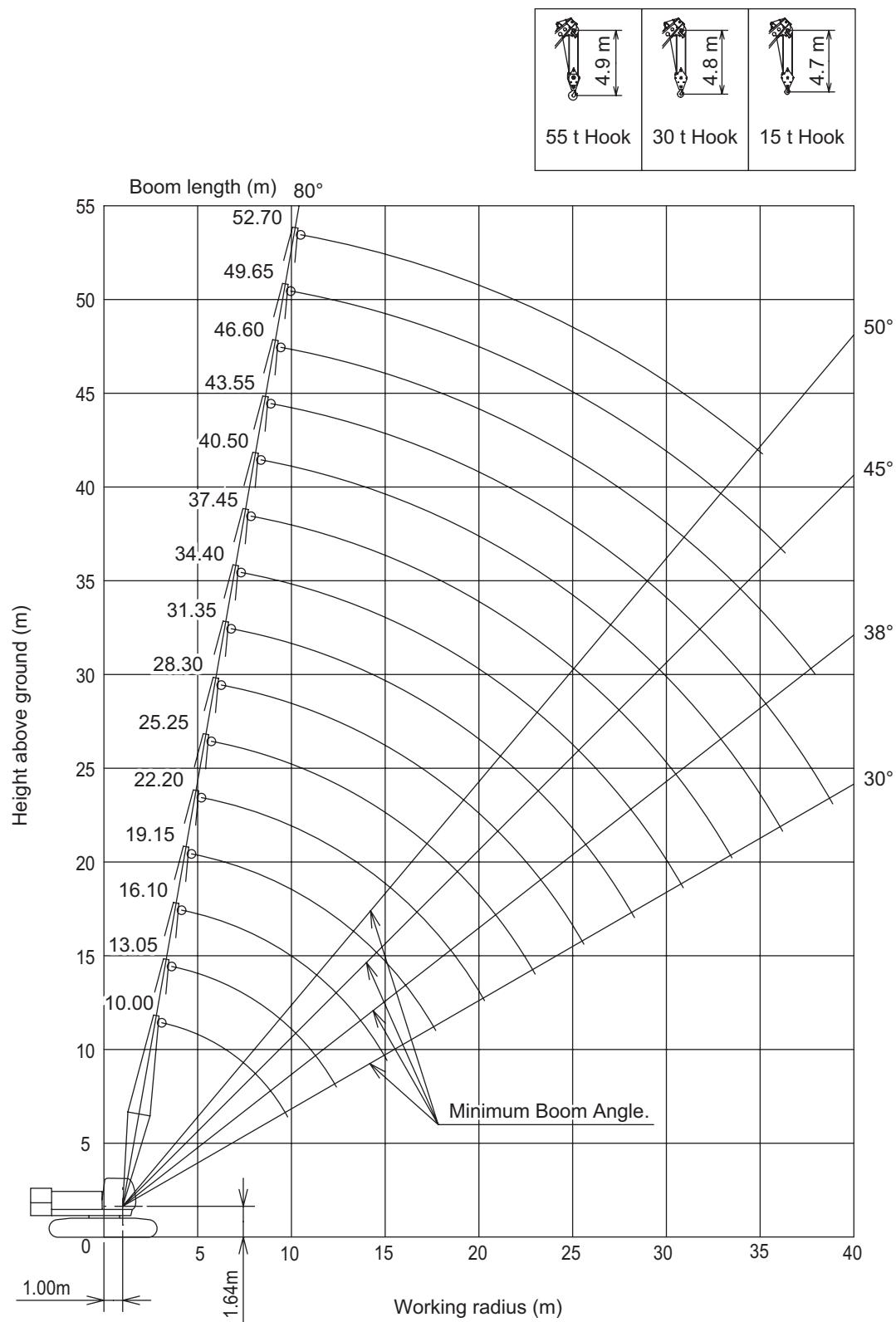
Jib Pendant Rope

Length (m)	Rope Diameter (mm)	Imprint
2.03	20	□ • △ • 20 • 2.03 • C
5.73	20	□ • △ • 20 • 5.73 • C
14.00	20	□ • △ • 20 • 14.0 • C
28.19	20	□ • △ • 20 • 28.19 • C

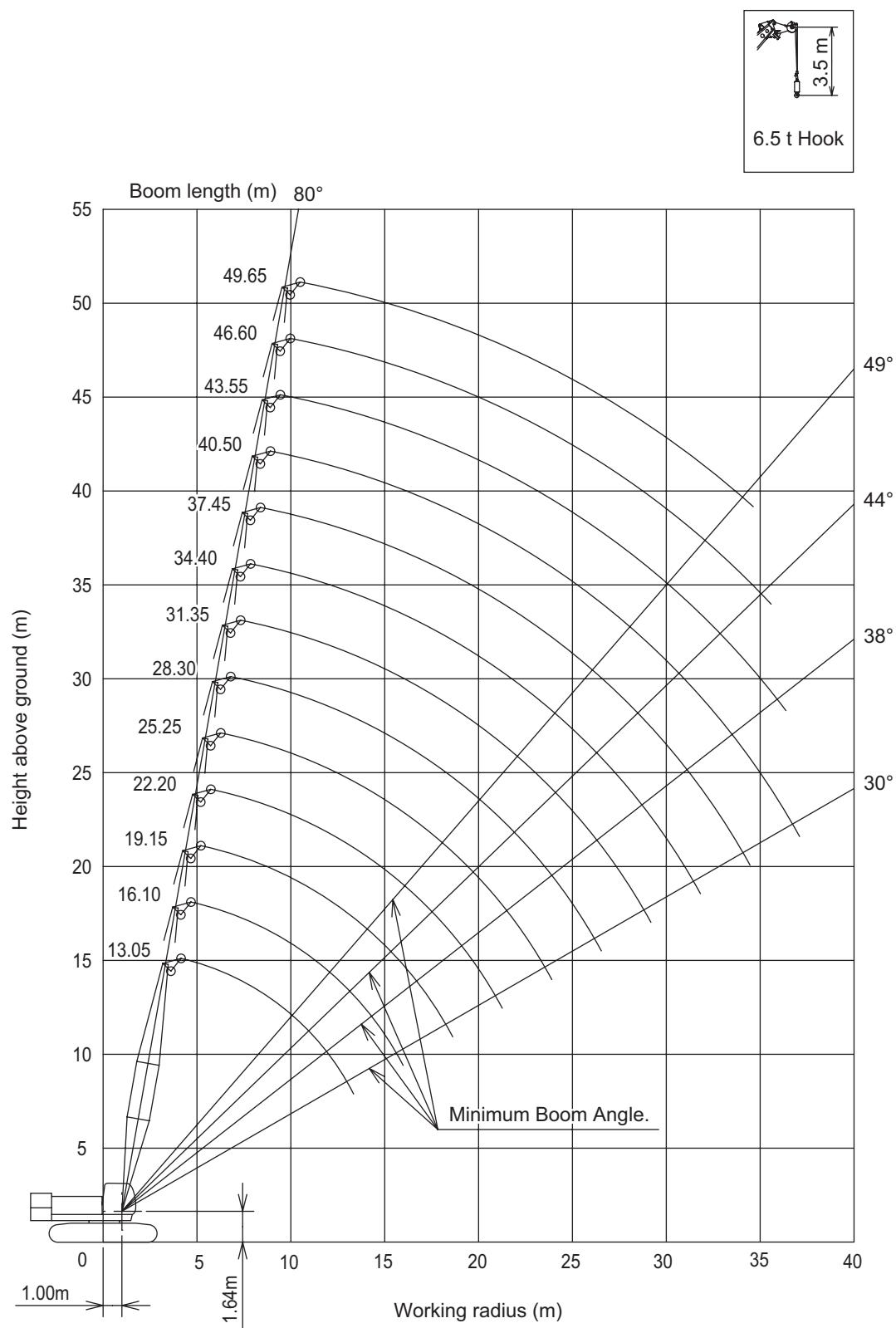


Working Ranges

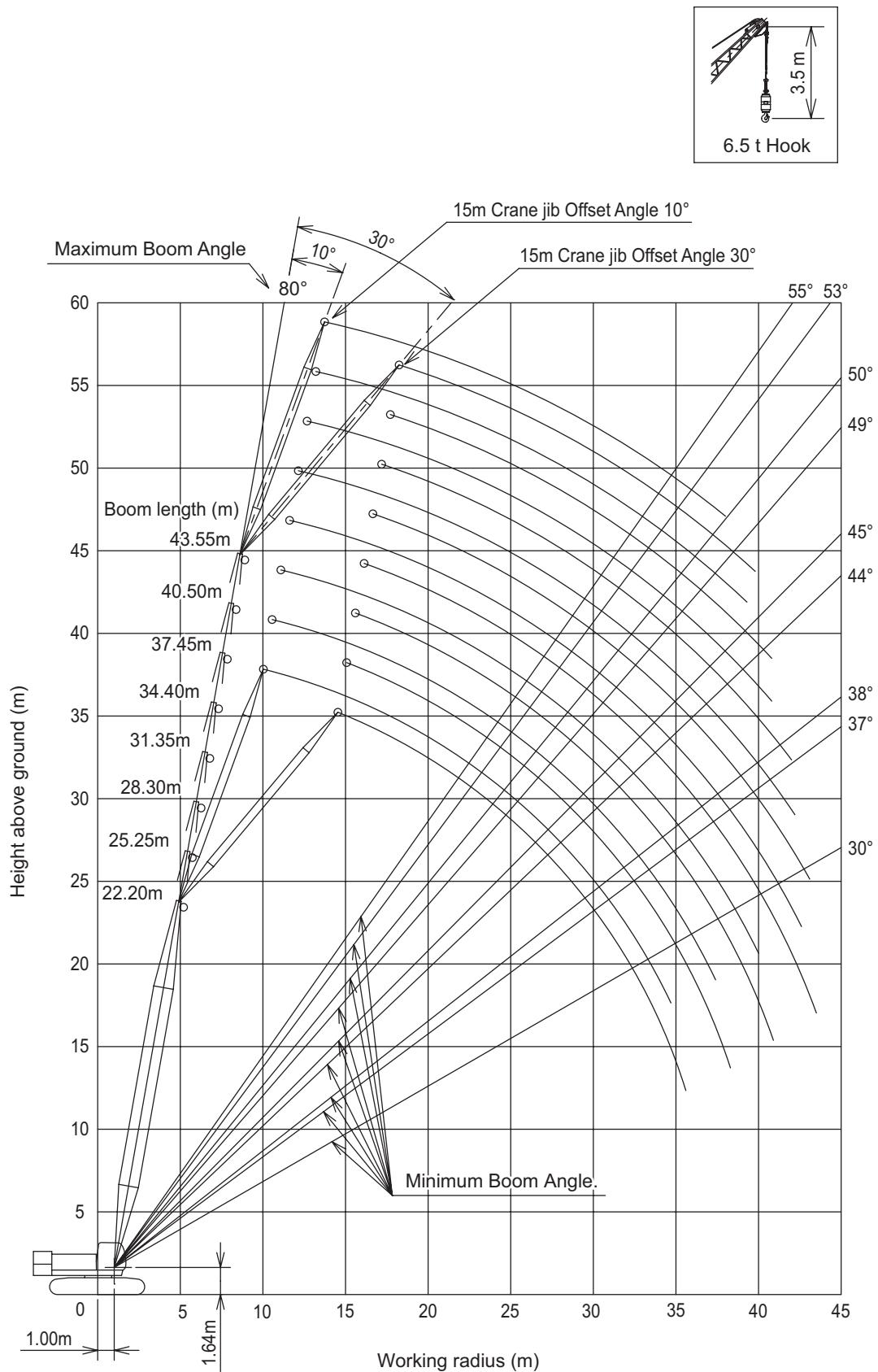
Main Boom



■ Aux. Sheave



■ Crane Jib



Gross Rated Load Table

Main Boom



Unit:ton

Working radius (m)	Boom length (m)								Working radius (m)
	10.00	13.05	16.10	19.15	22.20	25.25	28.30	31.35	
3.1	55.00								3.1
3.5	55.00	55.00/3.7							3.5
4.0	50.55	49.30	44.65/4.2						4.0
4.5	41.90	41.05	40.25	37.15/4.7					4.5
5.0	35.70	35.05	34.50	33.95	31.70/5.2				5.0
5.5	31.00	30.50	30.10	29.70	29.30	26.90/5.8			5.5
6.0	27.35	26.95	26.65	26.35	26.00	25.70	23.80/6.3	21.25/6.8	6.0
7.0	22.10	21.80	21.55	21.35	21.15	20.90	20.70	20.45	7.0
8.0	18.45	18.25	18.05	17.90	17.70	17.50	17.35	17.15	8.0
9.0	15.80	15.60	15.45	15.35	15.20	15.00	14.90	14.75	9.0
10.0	13.55/9.8	13.65	13.50	13.40	13.25	13.10	13.00	12.85	10.0
12.0		10.80	10.65	10.60	10.45	10.35	10.25	10.10	12.0
14.0		10.35/12.4	8.75	8.70	8.55	8.45	8.35	8.25	14.0
16.0			7.95/15.1	7.30	7.20	7.10	7.00	6.90	16.0
18.0				6.40/17.7	6.15	6.05	5.95	5.85	18.0
20.0					5.35	5.25	5.15	5.05	20.0
22.0					5.25/20.3	4.60	4.50	4.40	22.0
24.0						4.35/23.0	3.95	3.85	24.0
26.0							3.60/25.6	3.45	26.0
28.0								3.05	28.0
30.0								3.00/28.3	30.0

Working radius (m)	Boom length (m)							Working radius (m)
	34.40	37.45	40.50	43.55	46.60	49.65	52.70	
7.0	18.80/7.4	16.40/7.9						7.0
8.0	17.05	16.40	14.20/8.4					8.0
9.0	14.60	14.45	14.20	12.35	10.60/9.5			9.0
10.0	12.75	12.60	12.45	12.20	10.55	9.20	7.90/10.5	10.0
12.0	10.00	9.90	9.75	9.65	9.60	8.65	7.30	12.0
14.0	8.15	8.05	7.95	7.80	7.75	7.65	6.40	14.0
16.0	6.80	6.70	6.60	6.50	6.45	6.30	5.65	16.0
18.0	5.80	5.70	5.55	5.45	5.40	5.30	5.05	18.0
20.0	4.95	4.85	4.75	4.65	4.60	4.50	4.40	20.0
22.0	4.30	4.20	4.10	4.00	3.95	3.85	3.75	22.0
24.0	3.80	3.70	3.55	3.45	3.40	3.35	3.20	24.0
26.0	3.35	3.25	3.15	3.05	2.95	2.90	2.75	26.0
28.0	2.95	2.85	2.75	2.65	2.55	2.45	2.30	28.0
30.0	2.65	2.55	2.40	2.30	2.20	2.10	1.95	30.0
32.0	2.50/30.9	2.25	2.10	2.00	1.90	1.75	1.65	32.0
34.0		2.05/33.5	1.85	1.70	1.60	1.50	1.35	34.0
36.0			1.60	1.45	1.35	1.25	1.20/35.4	36.0
38.0			1.55/36.2	1.25	1.20/37.7	1.20/36.6		38.0
38.7				1.20				38.7

Notes: 1. Capacities are the maximum allowable and based on machine standing level on firm supporting surface under ideal job conditions.

2. Capacities are in metric tones, and are not more than 78% of minimum tipping loads except the figures surrounded by bold lines which are based on other factor of machine structural strength limitation; the design codes/standards applied to the capacities are from "Construction Codes for Mobile Crane" and "Ordinance on Safety of Crane and Similar Equipment" issued by Ministry of Health, Labour and Welfare, Japan.

3. Capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stop of loads, supporting surface conditions and operating speed. Operator must reduce load ratings to take such conditions into account.

4. Deduction from rated capacities must be made for weight of hook block, hook ball, sling, spreader bar or any suspended gear.

5. 17.0ton counter weight is required for all capacities on this chart.

Hook Capacity	Hook Weight (t)	Maximum Rated Load (t)								
		9 Parts	8 Parts	7 Parts	6 Parts	5 Parts	4 Parts	3 Parts	2 Parts	1 Part
55t 4 sheaves	0.70	55.0	52.0	45.5	39.0	32.5	26.0	19.5	13.0	-
30t 3 sheaves	0.36	-	-	-	-	30.0	26.0	19.5	13.0	-
15t 1 sheave	0.32	-	-	-	-	-	-	15.0	13.0	-
6.5t	0.18	-	-	-	-	-	-	-	-	6.5

Aux. Sheave



Unit:ton

Working radius (m)	Boom length (m)								Working radius (m)
	13.05	16.10	19.15	22.20	25.25	28.30	31.35	34.40	
4.0	6.50/4.4								4.0
4.5	6.50								4.5
5.0	6.50	6.50							5.0
5.5	6.50	6.50	6.50						5.5
6.0	6.50	6.50	6.50	6.50	6.50/6.5				6.0
7.0	6.50	6.50	6.50	6.50	6.50	6.50/7.1	6.50/7.6		7.0
8.0	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50/8.1	8.0
9.0	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	9.0
10.0	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	10.0
12.0	6.50	6.50	6.50	6.50	6.50	6.50	6.50	6.50	12.0
14.0	6.50/13.5	6.50	6.50	6.50	6.50	6.50	6.50	6.50	14.0
16.0		6.50	6.50	6.50	6.50	6.50	6.50	6.50	16.0
18.0		6.50/16.2	6.20	6.10	6.00	5.90	5.80	5.75	18.0
20.0			5.85/18.8	5.25	5.15	5.05	4.95	4.90	20.0
22.0				4.75/21.4	4.50	4.40	4.30	4.20	22.0
24.0					3.95	3.85	3.75	3.65	24.0
26.0					3.95/24.1	3.40	3.30	3.20	26.0
28.0						3.25/26.7	2.90	2.80	28.0
30.0							2.70/29.4	2.50	30.0
32.0								2.20	32.0

Working radius (m)	Boom length (m)					Working radius (m)
	37.45	40.50	43.55	46.60	49.65	
8.0	6.50/8.7					8.0
9.0	6.50	6.50/9.2	6.50/9.7			9.0
10.0	6.50	6.50	6.50	6.50/10.3	6.25/10.8	10.0
12.0	6.50	6.50	6.50	6.50	6.10	12.0
14.0	6.50	6.50	6.50	6.50	5.85	14.0
16.0	6.50	6.50	6.50	6.50	5.65	16.0
18.0	5.65	5.55	5.45	5.40	5.30	18.0
20.0	4.80	4.70	4.60	4.55	4.45	20.0
22.0	4.15	4.00	3.90	3.85	3.75	22.0
24.0	3.55	3.45	3.35	3.30	3.20	24.0
26.0	3.10	3.00	2.90	2.85	2.70	26.0
28.0	2.70	2.60	2.45	2.40	2.25	28.0
30.0	2.40	2.20	2.10	2.00	1.90	30.0
32.0	2.05	1.90	1.75	1.70	1.55	32.0
34.0	1.80	1.65	1.50	1.40	1.25	34.0
36.0	1.70/34.6	1.40	1.25	1.20/35.7	1.20/34.7	36.0
37.3		1.25	1.20/36.7			37.3

Notes: 1. Capacities are the maximum allowable and based on machine standing level on firm supporting surface under ideal job conditions.

2. Capacities are in metric tones, and are not more than 78% of minimum tipping loads except the figures surrounded by bold lines which are based on other factor of machine structural strength limitation; the design codes/standards applied to the capacities are from "Construction Codes for Mobile Crane" and "Ordinance on Safety of Crane and Similar Equipment" issued by Ministry of Health, Labour and Welfare, Japan.

3. Capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stop of loads, supporting surface conditions and operating speed. Operator must reduce load ratings to take such conditions into account.

4. Deduction from rated capacities must be made for weight of hook block, hook ball, sling, spreader bar or any suspended gear.

5. 17.0ton counter weight is required for all capacities on this chart.

Hook Capacity	Hook Weight (t)	Maximum Rated Load (t)								
		9 Parts	8 Parts	7 Parts	6 Parts	5 Parts	4 Parts	3 Parts	2 Parts	1 Part
55t	4 sheaves	0.70	55.0	52.0	45.5	39.0	32.5	26.0	19.5	13.0
30t	3 sheaves	0.36	-	-	-	-	30.0	26.0	19.5	13.0
15t	1 sheave	0.32	-	-	-	-	-	-	15.0	13.0
6.5t		0.18	-	-	-	-	-	-	-	6.5

Main Boom with Aux. Sheave



Unit:ton

Working radius (m)	Boom length (m)								Working radius (m)
	13.05	16.10	19.15	22.20	25.25	28.30	31.35	34.40	
3.7	54.75								3.7
4.0	49.10	44.50/4.2							4.0
4.5	40.85	40.10	36.95/4.7						4.5
5.0	34.90	34.30	33.80	31.50/5.2					5.0
5.5	30.35	29.90	29.50	29.10	26.70/5.8				5.5
6.0	26.80	26.45	26.15	25.85	25.50	23.60/6.3	21.05/6.8		6.0
7.0	21.65	21.40	21.20	20.95	20.70	20.50	20.25	18.25/7.4	7.0
8.0	18.05	17.90	17.70	17.55	17.35	17.15	17.00	16.85	8.0
9.0	15.45	15.30	15.15	15.00	14.85	14.70	14.55	14.40	9.0
10.0	13.45	13.30	13.20	13.05	12.90	12.80	12.65	12.55	10.0
12.0	10.65	10.50	10.40	10.30	10.15	10.05	9.90	9.80	12.0
14.0	10.20/12.4	8.60	8.50	8.40	8.25	8.15	8.05	7.95	14.0
16.0		7.80/15.1	7.15	7.00	6.90	6.80	6.70	6.60	16.0
18.0			6.25/17.7	6.00	5.90	5.80	5.65	5.60	18.0
20.0				5.20	5.10	4.95	4.85	4.80	20.0
22.0				5.10/20.3	4.45	4.35	4.20	4.15	22.0
24.0					4.15/23.0	3.80	3.70	3.60	24.0
26.0						3.45/25.6	3.25	3.15	26.0
28.0							2.90	2.80	28.0
30.0							2.85/28.3	2.45	30.0
32.0								2.30/30.9	32.0

Working radius (m)	Boom length (m)					Working radius (m)
	37.45	40.50	43.55	46.60	49.65	
7.0	15.80/7.9					7.0
8.0	15.80	13.65/8.4				8.0
9.0	14.25	13.60	11.80	10.00/9.5		9.0
10.0	12.40	12.25	11.65	10.00	8.60	10.0
12.0	9.70	9.55	9.45	9.30	8.10	12.0
14.0	7.85	7.70	7.60	7.55	7.20	14.0
16.0	6.50	6.35	6.25	6.20	6.10	16.0
18.0	5.50	5.35	5.25	5.20	5.10	18.0
20.0	4.65	4.55	4.45	4.40	4.30	20.0
22.0	4.00	3.90	3.80	3.75	3.65	22.0
24.0	3.50	3.35	3.25	3.20	3.05	24.0
26.0	3.05	2.90	2.80	2.70	2.55	26.0
28.0	2.65	2.50	2.35	2.30	2.15	28.0
30.0	2.30	2.15	2.00	1.90	1.80	30.0
32.0	2.00	1.85	1.70	1.60	1.45	32.0
34.0	1.80/33.5	1.55	1.40	1.30	1.20	34.0
36.0		1.35	1.20	1.20/35.2	1.20/34.1	36.0
36.2		1.30	1.20/36.1			36.2

Notes: 1. Capacities are the maximum allowable and based on machine standing level on firm supporting surface under ideal job conditions.

2. Capacities are in metric tonnes, and are not more than 78% of minimum tipping loads except the figures surrounded by bold lines which are based on other factor of machine structural strength limitation; the design codes/standards applied to the capacities are from "Construction Codes for Mobile Crane" and "Ordinance on Safety of Crane and Similar Equipment" issued by Ministry of Health, Labour and Welfare, Japan.

3. Capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stop of loads, supporting surface conditions and operating speed. Operator must reduce load ratings to take such conditions into account.

4. Deduction from rated capacities must be made for weight of hook block, hook ball, sling, spreader bar or any suspended gear.

5. 17.0ton counter weight is required for all capacities on this chart.

Hook Capacity	Hook Weight (t)	Maximum Rated Load (t)								
		9 Parts	8 Parts	7 Parts	6 Parts	5 Parts	4 Parts	3 Parts	2 Parts	1 Part
55t	4 sheaves	0.70	55.0	52.0	45.5	39.0	32.5	26.0	19.5	13.0
30t	3 sheaves	0.36	-	-	-	-	30.0	26.0	19.5	13.0
15t	1 sheave	0.32	-	-	-	-	-	-	15.0	13.0
6.5t		0.18	-	-	-	-	-	-	-	6.5

■ Crane Jib



Unit:ton

Boom length (m)	22.20								Boom length (m)
Jib length (m)	6		9		12		15		Jib length (m)
Offset angle (deg)	10	30	10	30	10	30	10	30	Offset angle (deg)
Radius (m)									Radius (m)
7.5	6.50								7.5
8.0	6.50		5.00 / 8.5						8.0
9.0	6.50	6.50 / 9.3	5.00		4.10 / 9.6				9.0
10.0	6.50	6.50	5.00	5.00 / 11.2	4.10		3.30 / 10.6		10.0
12.0	6.50	6.50	5.00	5.00	4.10	4.10 / 13.2	3.30		12.0
14.0	6.50	6.50	5.00	5.00	4.10	4.10	3.30	3.30 / 15.1	14.0
16.0	6.50	6.50	5.00	5.00	4.10	4.10	3.30	3.30	16.0
18.0	6.10	6.20	5.00	5.00	4.10	4.00	3.30	3.25	18.0
20.0	5.25	5.35	5.00	4.85	4.10	3.75	3.30	3.05	20.0
22.0	4.60	4.65	4.65	4.55	4.10	3.55	3.30	2.85	22.0
24.0	4.05	4.10	4.15	4.20	4.10	3.35	3.30	2.70	24.0
26.0	3.45	3.50	3.65	3.75	3.70	3.20	3.30	2.55	26.0
28.0	3.45 / 26.3	3.35 / 26.6	3.15	3.35	3.35	3.05	3.10	2.45	28.0
30.0			3.00 / 29.1	2.85 / 29.6	2.90	2.95	2.85	2.30	30.0
32.0					2.55 / 31.9	2.65	2.65	2.25	32.0
34.0						2.50 / 32.6	2.40	2.20	34.0
36.0							2.05 / 34.7	2.10 / 35.6	36.0

Unit:ton

Boom length (m)	25.25								Boom length (m)
Jib length (m)	6		9		12		15		Jib length (m)
Offset angle (deg)	10	30	10	30	10	30	10	30	Offset angle (deg)
Radius (m)									Radius (m)
8.0	6.50								8.0
9.0	6.50	6.50 / 9.8	5.00 / 9.1						9.0
10.0	6.50	6.50	5.00	5.00 / 11.8	4.10 / 10.1		3.30 / 11.2		10.0
12.0	6.50	6.50	5.00	5.00	4.10	4.10 / 13.7	3.30		12.0
14.0	6.50	6.50	5.00	5.00	4.10	4.10	3.30	3.30 / 15.7	14.0
16.0	6.50	6.50	5.00	5.00	4.10	4.10	3.30	3.30	16.0
18.0	5.95	6.10	5.00	5.00	4.10	4.10	3.30	3.30	18.0
20.0	5.15	5.25	5.00	5.00	4.10	3.85	3.30	3.15	20.0
22.0	4.50	4.55	4.55	4.70	4.10	3.65	3.30	2.95	22.0
24.0	3.95	4.00	4.00	4.10	3.90	3.45	3.30	2.80	24.0
26.0	3.50	3.55	3.55	3.65	3.60	3.30	3.30	2.65	26.0
28.0	3.00	3.05	3.20	3.25	3.25	3.20	3.15	2.55	28.0
30.0	2.80 / 28.9	2.75 / 29.3	2.75	2.90	2.90	3.00	2.95	2.45	30.0
32.0			2.45 / 31.7	2.40	2.55	2.65	2.65	2.35	32.0
34.0				2.40 / 32.3	2.20	2.30	2.40	2.25	34.0
36.0					1.90 / 34.5	1.95 / 35.3	2.05	2.15	36.0
38.0						2.00 / 37.4	2.00	2.00	38.0
38.3							1.95	1.95	38.3

Notes: 1. Capacities are the maximum allowable and based on machine standing level on firm supporting surface under ideal job conditions.

2. Capacities are in metric tones, and are not more than 78% of minimum tipping loads except the figures surrounded by bold lines which are based on other factor of machine structural strength limitation; the design codes/standards applied to the capacities are from "Construction Codes for Mobile Crane" and "Ordinance on Safety of Crane and Similar Equipment" issued by Ministry of Health, Labour and Welfare, Japan.

3. Capacities are based on freely suspended loads and make no allowance for such factors as the effect of wind, sudden stop of loads, supporting surface conditions and operating speed. Operator must reduce load ratings to take such conditions into account.

4. Deduction from rated capacities must be made for weight of hook block, hook ball, sling, spreader bar or any suspended gear.

5. 17.0ton counter weight is required for all capacities on this chart.

Hook Capacity	Hook Weight (t)	Maximum Rated Load (t)								
		9 Parts	8 Parts	7 Parts	6 Parts	5 Parts	4 Parts	3 Parts	2 Parts	1 Part
55t	4 sheaves	0.70	55.0	52.0	45.5	39.0	32.5	26.0	19.5	13.0
30t	3 sheaves	0.36	-	-	-	30.0	26.0	19.5	13.0	-
15t	1 sheave	0.32	-	-	-	-	-	15.0	13.0	-
6.5t		0.18	-	-	-	-	-	-	-	6.5

■ Crane Jib



Unit:ton

Boom length (m)	37.45								Boom length (m)	
	Jib length (m)		6		9		12			
	Offset angle (deg)	Radius (m)	10	30	10	30	10	30		
10.2	6.50			5.00 / 11.3					10.2	
12.0	6.50	6.50	5.00		4.10 / 12.3			3.30 / 13.4	12.0	
14.0	6.50	6.50	5.00	5.00	4.10	4.10 / 15.9	3.30		14.0	
16.0	6.30	6.50	5.00	5.00	4.10	4.10	3.30	3.30 / 17.9	16.0	
18.0	5.55	5.75	5.00	5.00	4.10	4.10	3.30	3.30	18.0	
20.0	4.75	4.90	4.80	5.00	4.10	4.10	3.30	3.30	20.0	
22.0	4.05	4.20	4.15	4.35	4.10	4.05	3.30	3.25	22.0	
24.0	3.55	3.65	3.60	3.80	3.65	3.80	3.30	3.10	24.0	
26.0	3.10	3.15	3.15	3.30	3.20	3.40	3.15	2.95	26.0	
28.0	2.70	2.75	2.75	2.90	2.80	3.00	2.85	2.85	28.0	
30.0	2.35	2.45	2.40	2.55	2.50	2.65	2.55	2.65	30.0	
32.0	2.00	2.10	2.10	2.20	2.15	2.35	2.25	2.40	32.0	
34.0	1.70	1.75	1.80	1.90	1.90	2.05	1.95	2.15	34.0	
36.0	1.50	1.55	1.55	1.65	1.65	1.75	1.70	1.85	36.0	
38.0	1.25	1.30	1.35	1.40	1.40	1.50	1.45	1.60	38.0	
40.0	1.20 / 39.0	1.20 / 39.1	1.20 / 39.6	1.20	1.20	1.30	1.25	1.40	40.0	
42.0				1.20 / 40.1	1.20 / 40.2	1.20 / 41.1	1.20 / 40.8	1.20	42.0	

Unit:ton

Boom length (m)	40.50								Boom length (m)	
	Jib length (m)		6		9		12			
	Offset angle (deg)	Radius (m)	10	30	10	30	10	30		
10.8	6.50			5.00 / 11.9					10.8	
12.0	6.50	6.50 / 12.6	5.00		4.10 / 12.9				12.0	
14.0	6.50	6.50	5.00	5.00 / 14.5	4.10		3.30		14.0	
16.0	6.45	6.50	5.00	5.00	4.10	4.10 / 16.5	3.30		16.0	
18.0	5.45	5.60	5.00	5.00	4.10	4.10	3.30	3.30 / 18.4	18.0	
20.0	4.60	4.80	4.70	4.95	4.10	4.10	3.30	3.30	20.0	
22.0	3.95	4.10	4.05	4.25	4.10	4.10	3.30	3.30	22.0	
24.0	3.40	3.55	3.50	3.70	3.55	3.80	3.30	3.15	24.0	
26.0	2.95	3.05	3.05	3.20	3.10	3.30	3.15	3.00	26.0	
28.0	2.55	2.65	2.65	2.80	2.70	2.90	2.75	2.90	28.0	
30.0	2.20	2.30	2.25	2.45	2.35	2.55	2.40	2.65	30.0	
32.0	1.85	1.95	1.95	2.10	2.00	2.20	2.10	2.35	32.0	
34.0	1.60	1.65	1.65	1.80	1.75	1.90	1.80	2.00	34.0	
36.0	1.35	1.40	1.40	1.50	1.50	1.65	1.55	1.75	36.0	
38.0	1.20 / 37.4	1.20 / 37.8	1.20	1.25	1.25	1.40	1.30	1.50	38.0	
40.0			1.20 / 38.1	1.20 / 38.8	1.20 / 38.7	1.20 / 39.8	1.20 / 39.3	1.25	40.0	

Unit:ton

Boom length (m)	43.55								Boom length (m)	
	Jib length (m)		6		9		12			
	Offset angle (deg)	Radius (m)	10	30	10	30	10	30		
10.0	6.50 / 11.4								10.0	
12.0	6.50	6.50 / 13.2	5.00 / 12.4		4.10 / 13.5				12.0	
14.0	6.50	6.50	5.00	5.00 / 15.1	4.10		3.30 / 14.5		14.0	
16.0	6.35	6.50	5.00	5.00	4.10	4.10 / 17.1	3.30		16.0	
18.0	5.30	5.50	5.00	5.00	4.10	4.10	3.30	3.30 / 19.0	18.0	
20.0	4.50	4.70	4.60	4.85	4.10	4.10	3.30	3.30	20.0	
22.0	3.85	4.00	3.95	4.15	4.00	4.10	3.30	3.30	22.0	
24.0	3.30	3.45	3.40	3.60	3.45	3.75	3.30	3.20	24.0	
26.0	2.85	2.95	2.90	3.10	3.00	3.25	3.05	3.05	26.0	
28.0	2.40	2.55	2.50	2.70	2.60	2.80	2.65	2.90	28.0	
30.0	2.05	2.15	2.15	2.30	2.20	2.45	2.30	2.55	30.0	
32.0	1.75	1.80	1.80	1.95	1.90	2.10	1.95	2.25	32.0	
34.0	1.45	1.55	1.55	1.65	1.60	1.80	1.65	1.90	34.0	
36.0	1.20	1.25	1.30	1.40	1.35	1.50	1.40	1.65	36.0	
38.0	1.20 / 36.1	1.20 / 36.7	1.20 / 36.8	1.20 / 37.8	1.20 / 37.5	1.25	1.20	1.40	38.0	
40.0					1.20 / 38.8			1.20 / 39.8	40.0	

■ Main Boom with Crane Jib



Unit:ton

Boom length (m)	31.35								Boom length (m)
Jib length (m)	6		9		12		15		Jib length (m)
Offset angle (deg)	10	30	10	30	10	30	10	30	Offset angle (deg)
Radius (m)									Radius (m)
6.8	20.80	20.65	20.55	20.35	20.15	19.90	19.70	19.35	6.8
7.0	20.00	19.85	19.85	19.65	19.65	19.40	19.45	19.10	7.0
8.0	16.70	16.60	16.55	16.35	16.35	16.15	16.20	15.85	8.0
9.0	14.20	14.15	14.05	13.95	13.90	13.70	13.75	13.45	9.0
10.0	12.30	12.25	12.20	12.05	12.00	11.85	11.85	11.60	10.0
12.0	9.60	9.55	9.45	9.35	9.30	9.15	9.15	8.95	12.0
14.0	7.70	7.65	7.55	7.50	7.40	7.30	7.25	7.15	14.0
16.0	6.30	6.30	6.15	6.15	6.00	6.00	5.85	5.80	16.0
18.0	5.25	5.25	5.10	5.10	4.95	4.95	4.80	4.80	18.0
20.0	4.40	4.40	4.25	4.25	4.10	4.10	3.95	3.95	20.0
22.0	3.75	3.75	3.60	3.60	3.45	3.45	3.30	3.30	22.0
24.0	3.25	3.25	3.10	3.10	2.95	2.95	2.80	2.80	24.0
26.0	2.80	2.80	2.65	2.65	2.50	2.50	2.35	2.35	26.0
28.0	2.40	2.40	2.25	2.25	2.10	2.10	1.95	1.95	28.0
28.3	2.40	2.40	2.25	2.25	2.10	2.10	1.90	1.90	28.3

Boom length (m)	34.40								Boom length (m)
Jib length (m)	6		9		12		15		Jib length (m)
Offset angle (deg)	10	30	10	30	10	30	10	30	Offset angle (deg)
Radius (m)									Radius (m)
7.4	17.80	17.70	17.45	17.30	17.10	16.85	16.65	16.35	7.4
8.0	16.55	16.45	16.40	16.20	16.25	16.00	16.05	15.75	8.0
9.0	14.10	14.00	13.95	13.80	13.80	13.60	13.65	13.35	9.0
10.0	12.20	12.15	12.10	11.95	11.95	11.75	11.75	11.50	10.0
12.0	9.50	9.45	9.35	9.25	9.20	9.05	9.05	8.85	12.0
14.0	7.60	7.60	7.45	7.40	7.30	7.25	7.15	7.05	14.0
16.0	6.20	6.20	6.15	6.10	5.90	5.90	5.75	5.75	16.0
18.0	5.15	5.15	5.00	5.00	4.85	4.85	4.70	4.70	18.0
20.0	4.35	4.35	4.20	4.20	4.05	4.05	3.90	3.90	20.0
22.0	3.65	3.65	3.50	3.50	3.35	3.35	3.20	3.20	22.0
24.0	3.15	3.15	3.00	3.00	2.85	2.85	2.70	2.70	24.0
26.0	2.70	2.70	2.55	2.55	2.40	2.40	2.25	2.25	26.0
28.0	2.30	2.30	2.15	2.15	2.00	2.00	1.85	1.80	28.0
30.0	2.00	2.00	1.85	1.80	1.70	1.65	1.50	1.50	30.0
30.9	1.85	1.85	1.70	1.70	1.55	1.50	1.35	1.35	30.9

Boom length (m)	37.45								Boom length (m)
Jib length (m)	6		9		12		15		Jib length (m)
Offset angle (deg)	10	30	10	30	10	30	10	30	Offset angle (deg)
Radius (m)									Radius (m)
7.9	15.35	15.25	15.00	14.85	14.65	14.40	14.25	13.90	7.9
8.0	15.35	15.25	15.00	14.85	14.65	14.40	14.25	13.90	8.0
9.0	13.95	13.85	13.80	13.65	13.65	13.45	13.50	13.20	9.0
10.0	12.10	12.00	11.95	11.80	11.80	11.60	11.65	11.40	10.0
12.0	9.40	9.30	9.25	9.15	9.10	8.95	8.95	8.75	12.0
14.0	7.50	7.45	7.35	7.30	7.20	7.15	7.05	6.95	14.0
16.0	6.10	6.10	5.95	5.95	5.80	5.80	5.65	5.65	16.0
18.0	5.05	5.05	4.90	4.90	4.75	4.75	4.60	4.60	18.0
20.0	4.25	4.25	4.10	4.10	3.95	3.95	3.80	3.80	20.0
22.0	3.55	3.55	3.40	3.40	3.25	3.25	3.10	3.10	22.0
24.0	3.05	3.05	2.90	2.90	2.75	2.75	2.60	2.60	24.0
26.0	2.60	2.60	2.45	2.45	2.30	2.30	2.15	2.10	26.0
28.0	2.20	2.20	2.05	2.05	1.90	1.85	1.75	1.70	28.0
30.0	1.85	1.85	1.70	1.70	1.55	1.50	1.40	1.35	30.0
32.0	1.55	1.55	1.40	1.40	1.25	1.25	1.20 / 31.3	1.20 / 31.1	32.0
34.0	1.35 / 33.5	1.35 / 33.5	1.20 / 33.5	1.20 / 33.5	1.20 / 32.5	1.20 / 32.3			34.0

■ Main Boom with Crane Jib



Unit:ton

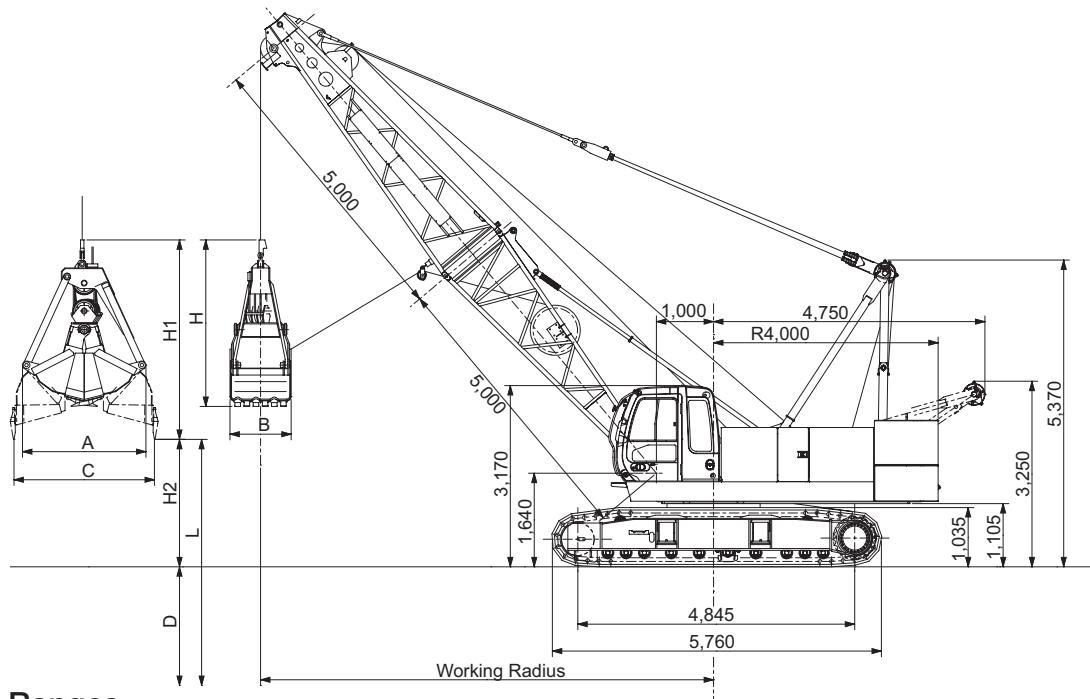
Boom length (m)	40.50								Boom length (m)
	6		9		12		15		
Offset angle (deg)	10	30	10	30	10	30	10	30	Offset angle (deg)
Radius (m)									Radius (m)
8.4	13.00	13.00	12.85	12.70	12.50	12.25	12.10	11.75	8.4
9.0	13.00	13.00	12.80	12.65	12.45	12.20	12.05	11.75	9.0
10.0	11.95	11.85	11.80	11.65	11.65	11.45	11.50	11.25	10.0
12.0	9.25	9.20	9.10	9.00	8.95	8.80	8.80	8.60	12.0
14.0	7.40	7.35	7.25	7.20	7.10	7.00	6.95	6.80	14.0
16.0	6.00	6.00	5.85	5.85	5.70	5.70	5.55	5.50	16.0
18.0	4.95	4.95	4.80	4.80	4.65	4.65	4.50	4.50	18.0
20.0	4.15	4.15	4.00	4.00	3.85	3.85	3.70	3.70	20.0
22.0	3.45	3.45	3.30	3.30	3.15	3.15	3.00	3.00	22.0
24.0	2.95	2.95	2.80	2.80	2.65	2.60	2.50	2.45	24.0
26.0	2.50	2.45	2.35	2.30	2.20	2.15	2.00	1.95	26.0
28.0	2.05	2.05	1.90	1.90	1.75	1.70	1.60	1.55	28.0
30.0	1.70	1.70	1.55	1.55	1.40	1.35	1.25	1.20	30.0
32.0	1.40	1.35	1.25	1.20	1.20 /31.4	1.20 /31.2	1.20 /30.3	1.20 /30.1	32.0
34.0	1.20 /33.6	1.20 /33.4	1.20 /32.5	1.20 /32.3					34.0

Unit:ton

Boom length (m)	43.55								Boom length (m)
	6		9		12		15		
Offset angle (deg)	10	30	10	30	10	30	10	30	Offset angle (deg)
Radius (m)									Radius (m)
9.0	11.30	11.20	10.95	10.80	10.60	10.40	10.25	9.90	9.0
10.0	11.10	11.00	10.80	10.65	10.50	10.30	10.10	9.85	10.0
12.0	9.10	9.05	9.00	8.90	8.85	8.70	8.70	8.50	12.0
14.0	7.30	7.20	7.15	7.05	7.00	6.90	6.85	6.70	14.0
16.0	5.95	5.90	5.80	5.75	5.70	5.55	5.55	5.40	16.0
18.0	4.90	4.85	4.75	4.70	4.60	4.55	4.45	4.40	18.0
20.0	4.10	4.05	3.95	3.95	3.80	3.75	3.65	3.55	20.0
22.0	3.45	3.40	3.30	3.25	3.15	3.05	2.95	2.85	22.0
24.0	2.85	2.80	2.70	2.65	2.55	2.50	2.40	2.30	24.0
26.0	2.35	2.35	2.20	2.15	2.05	2.00	1.90	1.80	26.0
28.0	1.95	1.90	1.80	1.75	1.65	1.60	1.45	1.40	28.0
30.0	1.55	1.55	1.45	1.40	1.25	1.25	1.20 /29.6	1.20 /29.3	30.0
32.0	1.25	1.25	1.20 /31.5	1.20 /31.4	1.20 /30.6	1.20 /30.3			32.0
34.0	1.20 /32.6	1.20 /32.4							34.0

Clamshell Specifications

Dimensions and Specifications



Working Ranges

Boom length	m	10.00				13.05				16.10				19.15					
Boom angle	degree	35	45	55	65	35	45	55	65	35	45	55	65	35	45	55	65		
Working radius	m	9.6	8.5	7.3	5.8	12.1	10.7	9.0	7.1	14.6	12.9	10.7	8.4	17.1	15.0	12.5	9.7		
Allowable gross weight	t	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	5.8	6.0	6.0	6.0		
Lifting height (w/1.2m³ bucket)	m	37.6	38.9	40.1	41.0	39.3	41.1	42.6	43.7	41.0	43.2	45.0	46.4	42.7	45.3	47.5	49.2		
Max. digging depth D	m	36																	
Dumping height H2		0.8 m³ bucket	m	2.0	3.3	4.5	5.4	3.7	5.5	7.0	8.1	5.4	7.6	9.4	10.8	7.1	9.7	11.9	13.6
		1.0 m³ bucket	m	1.8	3.1	4.3	5.2	3.5	5.3	6.8	7.9	5.2	7.4	9.2	10.6	6.9	9.5	11.7	13.4
		1.2 m³ bucket	m	1.6	2.9	4.1	5.0	3.3	5.1	6.6	7.7	5.0	7.2	9.0	10.4	6.7	9.3	11.5	13.2

Specifications

Clamshell Specifications

Bucket capacity	m³	0.8/1.0/1.2
Allowable gross weight	t	6.0
Boom length	m	10.00 to 19.15
Max. digging depth	m	36
Suspend line speed	m/min	*75
Open/close line speed	m/min	*75
Boom hoist line speed	m/min	*62
Boom lower line speed	m/min	62
Ground contact pressure	kPa (kgf/cm²)	70.5 (0.72) (w/10m boom + 1.2m³ bucket)
Operating weight	t	52.6 (w/10m boom + 1.2 m³ bucket)

NOTE :

1.*Line speeds will vary with the load.

2.Data is expressed in SI units, followed by conventional units in ().

3.Other specifications, not shown are similar to those for the cranes.

Gross Rated Load Table

Unit:ton

Working radius (m)	Boom length (m)			
	10.00	13.05	16.10	19.15
5.8	6.00			
6.0	6.00			
6.5	6.00			
7.0	6.00	6.00/7.1		
7.5	6.00	6.00		
8.0	6.00	6.00	6.00/8.4	
9.0	6.00	6.00	6.00	6.00/9.7
10.0	6.00/9.6	6.00	6.00	6.00
12.0		6.00	6.00	6.00
14.0			6.00/12.1	6.00
16.0				6.00/14.6
17.1				5.80

1. Working radius is the horizontal distance from the swing center to the gravity of lifted load.

2. The rated loads for clamshell do not exceed 70% of tipping load.

3. The rated loads shown are upper limits determined by the following equation. Please select a bucket in such a manner that its rated load does not exceed the rated load shown below, according to kinds of the loads handled.

$$\text{Rated load} = \text{Bucket capacity (m}^3\text{)} \times \text{Specific gravity of load (t/m}^3\text{)} + \text{Bucket weight (t)}$$

4. Even if using different capacity of the bucket according to kinds of load, don't exceed the rated load.

5. The counter weight is 17.0 t.

6. Figures described as ○○ / ○○ in the tables indicate rated load (t) / working radius (m).

Clamshell Bucket

Capacity (m³)	Weight (t)	A (mm)	B (mm)	C (mm)	H (mm)	H1 (mm)	Use
0.8	2.00	1,880	970	2,230	2,270	2,980	Excavation
1.0	2.45	2,020	1,070	2,430	2,430	3,150	Excavation
1.2	3.10	2,020	1,070	2,430	2,430	3,150	Excavation
1.2	2.40	2,000	1,160	2,650	2,600	3,240	Light Service

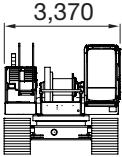
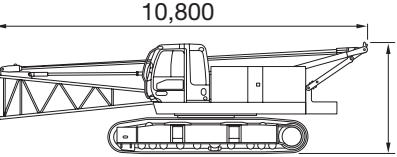
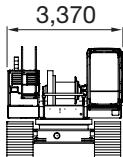
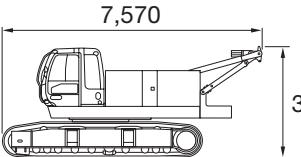
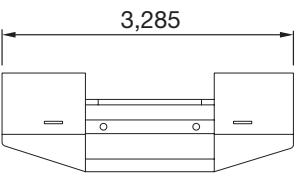
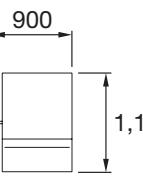
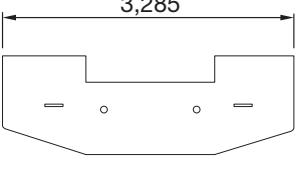
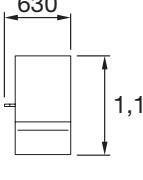
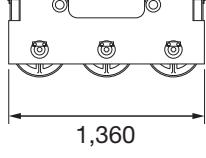
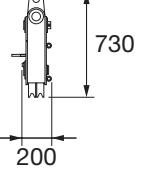
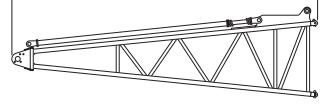
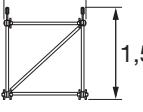
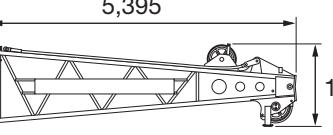
Weights and Dimensions of Disassembled Units

Weights and Dimensions List

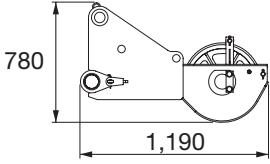
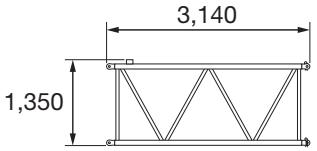
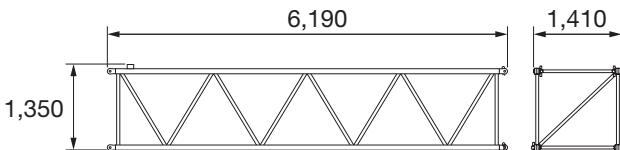
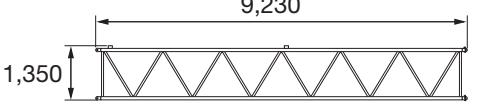
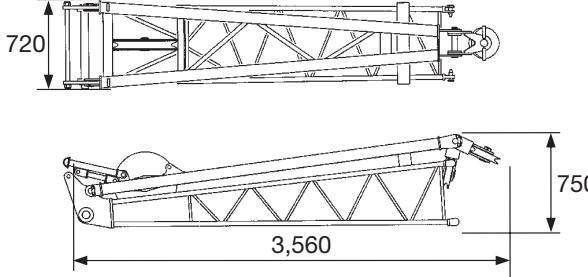
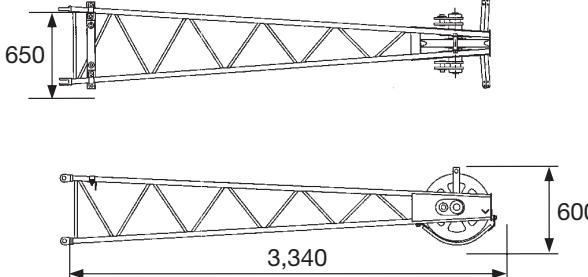
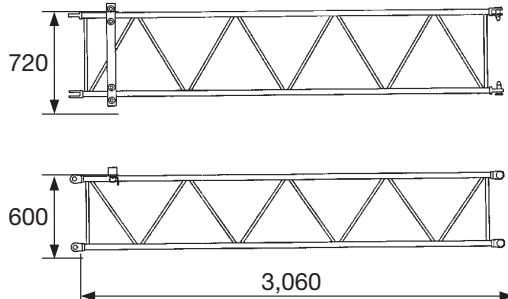
Comply with the regulations when transporting.

"Weight" refers to the mass of each single unit.

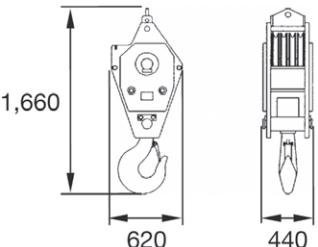
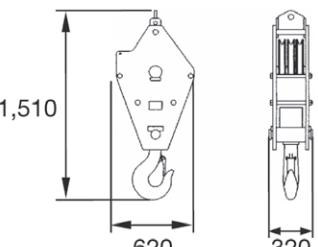
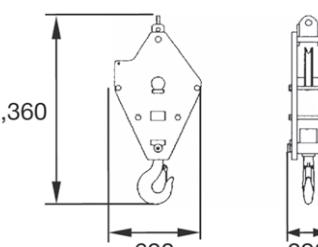
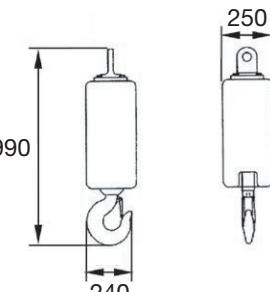
Weights and Dimensions of Disassembled Units

Description	Q'ty	Dimensions (mm)		Mass (kg)
BASIC MACHINE with <ul style="list-style-type: none"> • Boom base • Wire rope (Boom hoist/Front) 	1			31,400
BASIC MACHINE with <ul style="list-style-type: none"> • Wire rope (Boom hoist/Front) 	1			30,300
Counter weight (Upper)	1			8,600
Counter weight (Lower)	1			8,400
Upper spreader	1			240
Boom base with <ul style="list-style-type: none"> • Connect pin • Boom back stop 	1			850
Boom top with <ul style="list-style-type: none"> • Pendant rope 	1			930

Weights and Dimensions of Disassembled Units

Description	Q'ty	Dimensions (mm)	Mass (kg)
Aux. sheave • Connect pin	1		185
3.05 m boom insert with • Connect pin (w/o pendant rope)	1		205
6.10 m boom insert with • Connect pin (w/o pendant rope)	1		345
9.15 m boom insert with • Connect pin (w/o pendant rope)	1		500
Jib base • Foot pin • Connect pin • Jib strut • Connect pin	1		340
Jib Top	1		155
3 m Jib Insert • Connect pin	1		80

Weights and Dimensions of Disassembled Units

Description	Q'ty	Dimensions (mm)	Mass (kg)
55 t hook	1		700
30 t hook	1		360
15 t hook	1		320
6.5 t hook	1		180

Note: When transporting the machine on public roads with a trailer, refer to all local regulations for details.

Equipment List

Standard and Optional Equipment

: Standard : Optional

	Item	Lift Crane	Notes
Basic Items	Winch with Free Mechanism	<input type="circle"/>	Front and Rear Winch
	Brake Pedals for Front and Rear Winch	<input type="circle"/>	
	Crawler Extend / Retract Device	<input type="circle"/>	
	Working Light (x 2)	<input type="circle"/>	
	Back Mirror (Left and right)	<input type="circle"/>	
	Wiper with Washer (Front window)	<input type="circle"/>	
	Room Lamp	<input type="circle"/>	
	Cigar Lighter Socket (24 V)	<input type="circle"/>	
	Ashtray	<input type="circle"/>	
	Cup Holder	<input type="circle"/>	
	AM / FM Radio	<input type="circle"/>	
	Air Conditioner	<input type="circle"/>	Full Automatic
	Accelerator Lever	<input type="circle"/>	
	Accelerator Pedal (Right side)	<input type="circle"/>	
	Hydraulic Pump Flow Rate Select Switch	<input type="circle"/>	Max. or Min. Rate
	Electric Fuel Pump	<input type="circle"/>	
	Travel Operation Pedal	<input type="circle"/>	
	Under Cover	<input checked="" type="circle"/>	Left Side
	Clear Roof Cover	<input checked="" type="circle"/>	Smoke Tinted
	Counter weight Lifting Wire Rope	<input type="circle"/>	
	3.05 m Boom Insert	<input checked="" type="circle"/>	
	6.10 m Boom Insert	<input checked="" type="circle"/>	
	9.15 m Boom Insert	<input checked="" type="circle"/>	
	9.15 m Boom Insert for crane jib	<input checked="" type="circle"/>	
	Parts Set for 6 m Crane Jib (6 m Basic jib, Anti-tow block, Jib strut)	<input checked="" type="circle"/>	
	3 m Crane Jib Insert	<input checked="" type="circle"/>	
	Parts Set for Auxiliary Sheave (Auxiliary sheave, Auxiliary sheave anti-two block)	<input type="circle"/>	
	55 t Hook (5 sheaves)	<input checked="" type="circle"/>	
	30 t Hook (3 sheaves)	<input checked="" type="circle"/>	
	15 t Hook (1 sheave)	<input checked="" type="circle"/>	
	6.5 t Hook	<input checked="" type="circle"/>	
	Rear Winch Wire Rope	<input type="circle"/>	
	Spring Type Tagline	<input checked="" type="circle"/>	
Meters & Lamps	Coolant Temp.Gauge	<input type="circle"/>	
	Fuel Gauge	<input type="circle"/>	
	Hourmeter	<input type="circle"/>	
	Swing Brake Indicator	<input type="circle"/>	
	Alternator Indicator	<input type="circle"/>	
	Engine Oil Pressure Indicator	<input type="circle"/>	
	Air Filter Restriction Indicator	<input type="circle"/>	
	Overheat Indicator	<input type="circle"/>	
	Preheat Indicator	<input type="circle"/>	
Safety	Moment Limiter	<input type="circle"/>	
	Anti-Two Block	<input type="circle"/>	
	Boom Hoist Limiting Device	<input type="circle"/>	
	Secondary Boom Over Hoist Prevent Device	<input type="circle"/>	
	Swing & Travel Alarm	<input type="circle"/>	
	3 Color Percentage Indicator	<input type="circle"/>	
	Drum Lock	Front Winch Rear Winch Boom Hoist Winch	<input type="circle"/> <input type="circle"/> <input type="circle"/>
			Automatic Lock Pin for Transport
	Swing Lock	<input type="circle"/>	
	Gate Lock Lever	<input type="circle"/>	
	Auto Stop Override Select Key Switch	<input type="circle"/>	
	Auto Stop Override Switch	<input type="circle"/>	

- We are constantly improving our products and therefore reserve the right to change designs and speafications without notice.
- Units in this specification are shown under International System of Units; the figures in parenthesis are under Gravitational System of Units as old one.

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