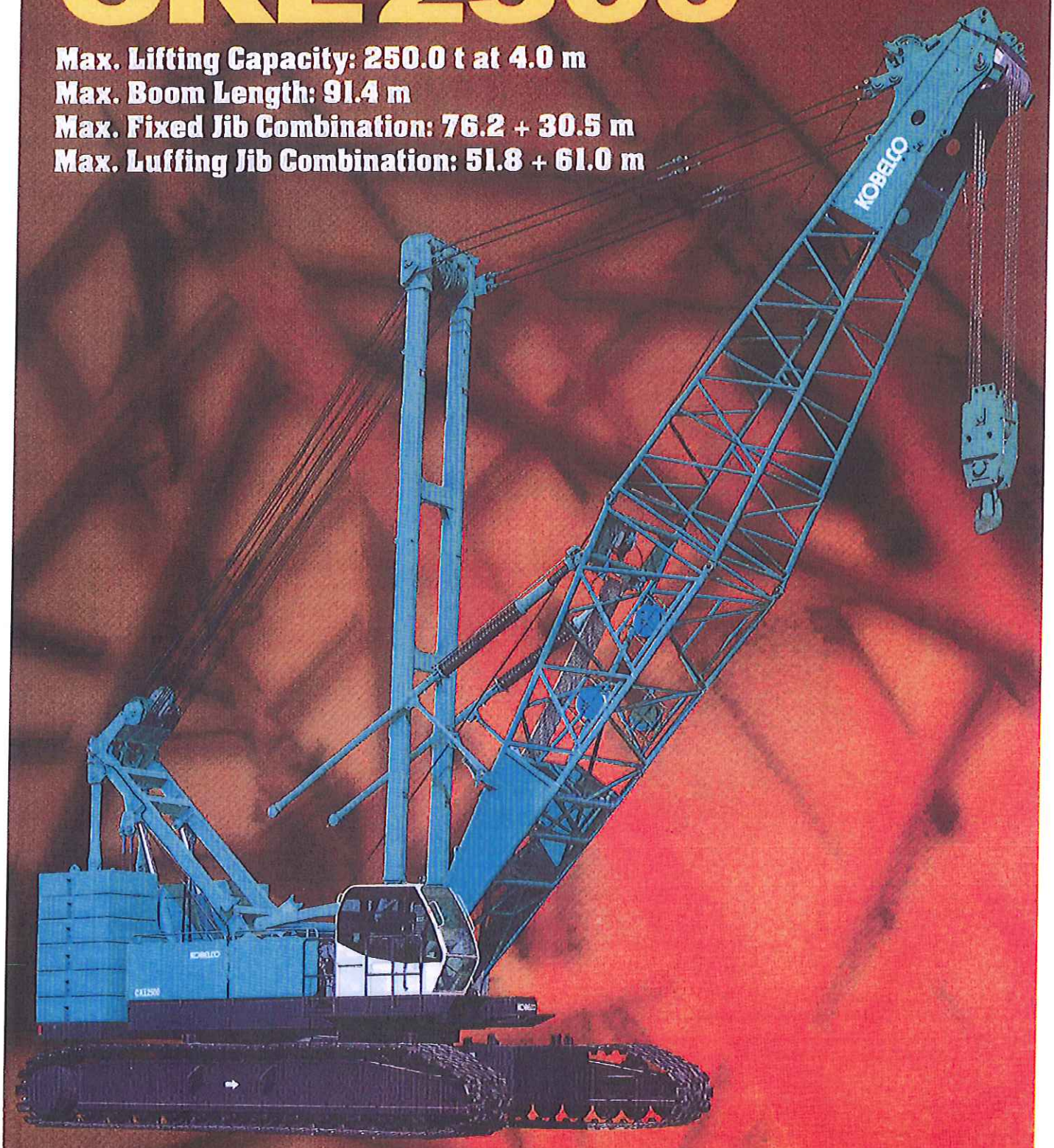
KOBELCO

HYDRAULIC CRAWLER CRANE

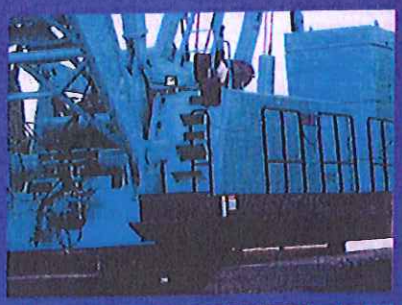
CKE2500

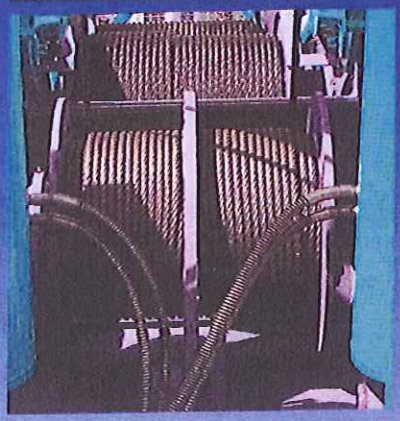
Max. Lifting Capacity: 250.0 t at 4.0 m
Max. Boom Length: 91.4 m
Max. Fixed Jib Combination: 76.2 + 30.5 m
Max. Luffing Jib Combination: 51.8 + 61.0 m



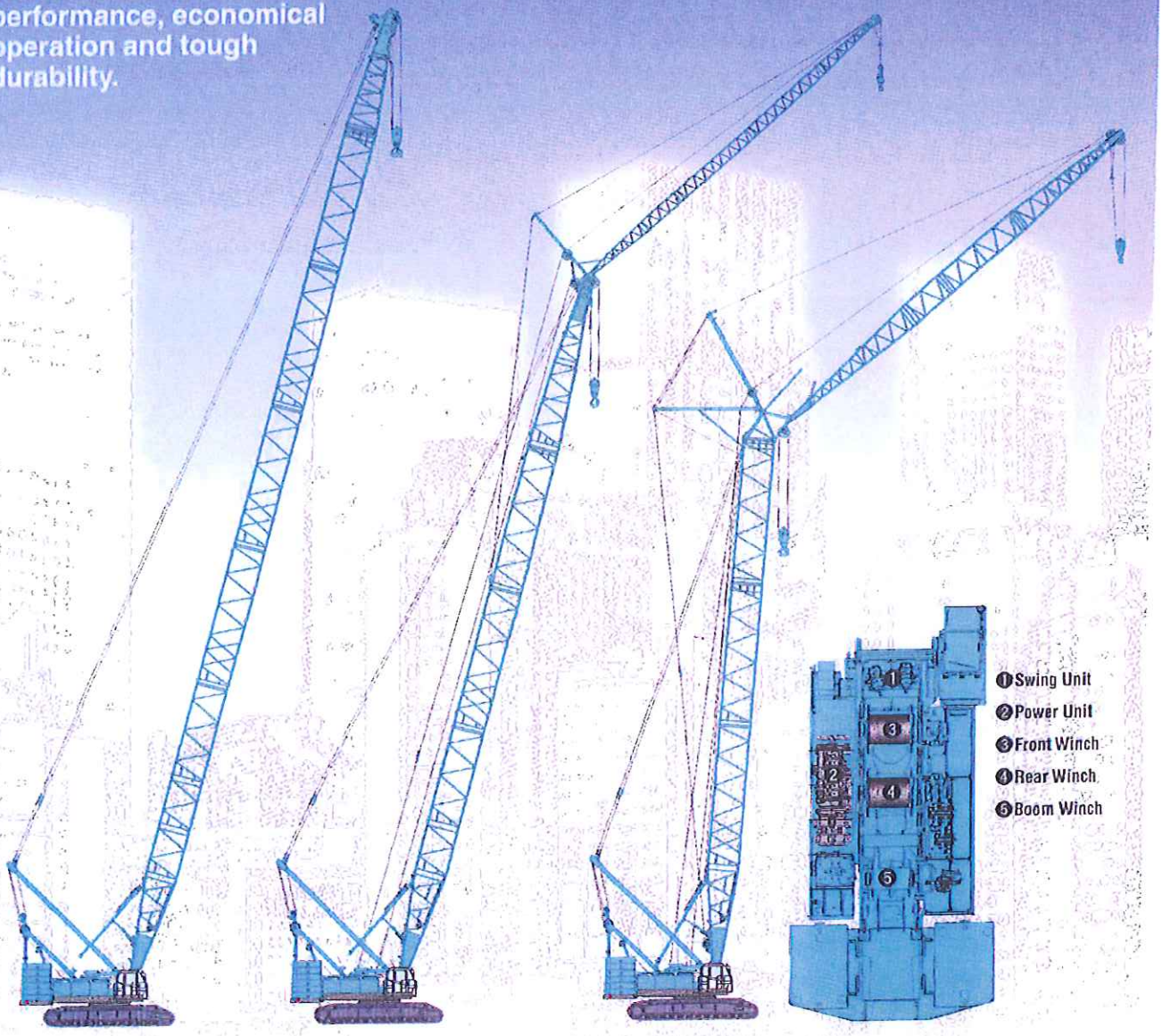
Photos in this catalog may include optional items.

KOBELCO's awesome new expression of power, speed and efficiency.





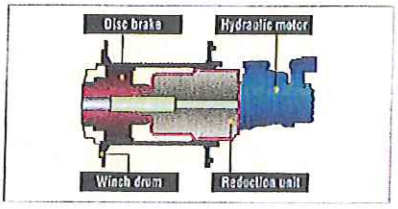
The CKE2500 crawler crane from KOBELCO takes advantage of new technologies to raise performance to new heights. New winches with more powerful line-pull are designed to handle the toughest jobs. Large drum capacities promote ultra-smooth operation and enhanced component service life. KOBELCO's engineering didn't stop with the CKE2500's superior performance. We designed this crane for complete self-assembly and disassembly. It is as efficient to transport as it is powerful to operate. All of this and more makes it the premier crane in its class. Add these new features to the renowned power and reliability of KOBELCO cranes, and you have the ideal combination of heavy-duty performance, economical operation and tough durability.



PERFORMANCE

Innovative Wet-Type Disc Brake System

KOBELCO's new oil cooled wet-type multi-disc brake system is first in its class and provides quiet, dependable braking power. Multiple discs are self-adjusting and self-equalizing. Forced oil circulation keeps brake temperatures cooler during long, continuous operations and maximizes smooth brake operation. The completely enclosed system eliminates the possibility of outside contamination, providing years of problem-free service life. The low brake pedal effort reduces operator fatigue when the machine is working in the optional free-fall mode.



Extremely Powerful Winches

The CK2500's powerful winches boast a rated single line pull of 13.5 tf, reducing the number of parts of line involved and improving hoisting speed. The result realizes dynamic lifting capacities and continuous trouble-free operations.

Large Capacity Drums

Our wider, large capacity load hoist drums have a large, single-layer capacity which decreases the chances of uneven winding and increases the useful life of your wire rope.

On-Site Maneuverability

Independently driven hydraulic travel motors with planetary reduction units provide three steering modes (differential steering, skid steering and counter rotation) for optimal on-site maneuverability. Travel motors are less than track shoe width, protecting them from damage.

CONTROLS & CAB

Roomy, Comfortable Cab

Operator comfort is ensured by vibration-reducing rubber cab mounts a fully adjustable, upholstered seat, and an air conditioner with fresh-air vents. Reinf orced tinted glass windows reduce glare, and the semi-short levers and other control devices are ergonomically located and arranged for easy control.

Precise Operation with Responsive Control

Full-hydraulic technology delivers quick, efficient operation with excellent precision. Pilot pressure-assisted control allows you to control the speed and power of each function in proportion to lever movement.

Inching Control Switch

The red switch on the boom lever grip allows easy inching control for hoist, boom hoist, and travel that the operator can activate without taking his hands off the boom hoist lever.

Drum Speed Controller

Drum speed controller (for main and auxiliary hoist, boom hoist, and raising and lowering the luffing tower jib) makes it easier to move loads horizontally.

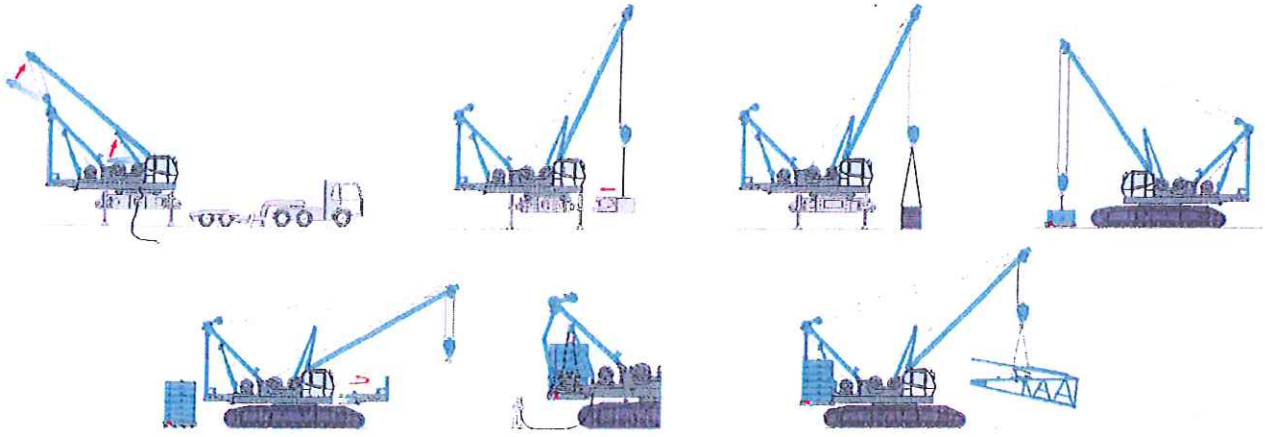
TRANSPORTATION

Swing Cab

The cab can be easily turned by hand toward the front of the machine during transport so that the upper machinery fits within a width of 3.5m. This enables the machine with axles to be transported on a trailer.

Self-Erection System

Use the built-in, remote controlled Translifter (jack system) to lift the CKE2500 clear trailer,then drive the trailer away. Hydraulic cylinders raise the gantry and the mast to their working position. The mast is reeved with a hook block and is used lift and attach the front and rear carboly counterweights, the crawler side frame and the boom. The rear conterweight assembly is raised into position by the gantry.



SAFETY

Load Moment Indicator System

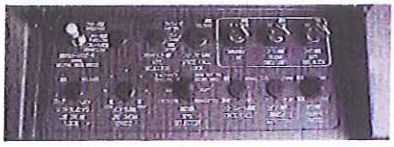
With the Load Moment Indicator System installed, the current load status can be checked at a glance, from an easy-to-read LCD screen display. In the overload condition it automatically stops crane operations.

Function Lock Lever

Function lock lever prevents accidental operation when the operator enters or leaves the cab.

Key-Controlled Release Switches

Safety enhancing mechanisms can be individually engaged or cancelled for specific operational needs by using these keys such as free-fall operation and safety function. These keys can be kept by safety officer to prevent any human-error.



Optional Free-Fall Control Switches

The free-fall control switches, strategically located on the hoist levers, allow the operator to engage free-fall whenever desired without removing his hands from the control levers.

Swing Flashers

Swing flashers and a warning buzzer alert in vicinity when the machine is swinging.

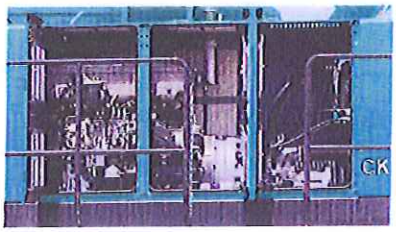
SIMPLIFIED MAINTENANCE

Multi-Display

The easy-to-read LCD multi-display provides current status information on such functions as engine rpm, maintenance and on-board trouble-shooting, providing the operator with an ongoing real-time assessment of the machine's conditions at a glance.

Easy Maintenance

A new engine layout on the side of the machine provides easy access for routine inspections and servicing.



STANDARD EQUIPMENT

Main Machine

- *Boom hoist pedal*
- *Air conditioner*

Safety Device

- *Drum safety pawl*
- *Boom backstops*
- *Boom over hoist auto-stop device*
- *Hook over hoist auto-stop device*
- *Swing lock pin*
- *Signal horn*
- *Overload alarm lamp*
- *Cab top guard*
- *Fire extinguisher*

Transportation

- *Counterweight self-removal*
- *Trans-Lifter (Jack system)*
- *Crawler self-removal*
- *Base boom self-removal*
- *Gantry cylinder*

Others

- *Electric fuel pump*
- *Tool kits*
- *Operator's manual*

OPTIONAL EQUIPMENT

Main Machine

- *Free-fall function for main and aux. winch*
- *Hydraulic tagline*
- *Reeving winch*
- *Foot throttle*
- *One way call*
- *Obstacle light*
- *Wind meter*

Attachment

- *Insert boom*
- *Hook blocks*
- *Auxiliary sheave*
- *Fixed jib*
- *Luffing jib*
- *Boom nesting device*

Note: This catalog may contain photographs of machines with specifications, attachments and optional equipment not certified for operation in your country. Please consult KOBELCO for those items you may require. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

CE

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HYDRAULIC CRAWLER CRANE

KOBELCO

CKE2500

Max. Lifting Capacity: 250 t
Max. Boom Length: 91.4 m
Max. Jib Combination: 76.2 + 30.5 m
Max. Luffing Jib Combination: 51.8 + 61.0 m

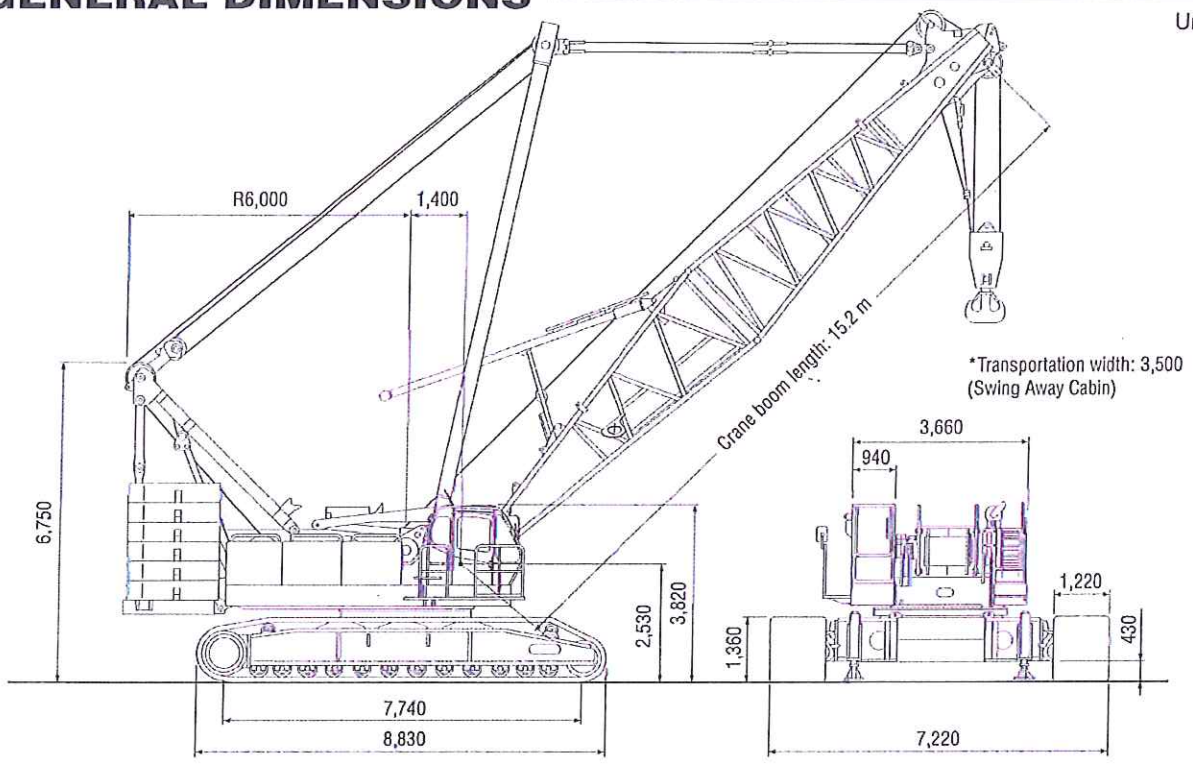
SPECIFICATIONS

Main Boom	
Max. Lifting Capacity	250 t/4.0 m
Max. Length	91.4 m
Fixed Jib	
Max. Lifting Capacity	26.8 t/9.8 m
Max. Combination	76.2 m + 30.5 m
Luffing Jib	
Max. Lifting Capacity	70 t/9.8 m
Max. Combination	61.0m + 51.8 m, 51.8 m + 61.0 m
Luffing Angle	63° ~ 88°
Main & Aux. Winch	
Max. Line Speed	110 m/min (1st layer)
Rated Line Pull	132 kN (13.5 tf)
Max. Line Pull	245 kN (25 tf)
Wire Rope	25 mm
Wire Rope Length	480 m (Main) 385 m (Aux.)
Brake Type	Wet-type multiple disc brake
Free-Fall	Option

Working Speed	
Swing Speed	2.1 min^{-1} (rpm)
Travel Speed	1.1/0.7 km/h
Power Plant	
Model	Mitsubishi 6D24-TLU2D
Engine Output	235 kW/2,000 min^{-1} (rpm)
Fuel Tank Capacity	400 liters
Hydraulic System	
Main Pumps	4 variable displacement
Max. Pressure	30.9 MPa (315 kgf/cm²)
Hydraulic Tank Capacity	550 liters
Self-Erection Device	Standard
Weight	
Operating Weight	Approx. 208 t
Counterweight	80.6 t (Upper), 20.0 t (Lower)
Transport Weight	44.9 t (Main machine)
Ground Pressure	95 kPa (0.97 kgf/cm²)

GENERAL DIMENSIONS

Unit: mm



KOBELCO CONSTRUCTION MACHINERY CO., LTD.

MAIN BOOM LIFTING CAPACITY

Rated loads in metric tons for 360° working area (Counterweight: 80.6 t, Carbody weight: 20.0 t)

Crawlers fully extended

Working radius (m) \ Boom length m (ft)	15.2 (50)	18.3 (60)	21.3 (70)	24.4 (80)	27.4 (90)	30.5 (100)	33.5 (110)	36.6 (120)	39.6 (130)	42.7 (140)	45.7 (150)	48.8 (160)	51.8 (170)	54.9 (180)	57.9 (190)	61.0 (200)	64.0 (210)	67.1 (220)	70.1 (230)	73.2 (240)	76.2 (250)	79.2 (260)	82.3 (270)	85.3 (280)	88.4 (290)	91.4 (300)
4.0	40/200.0	47/208.5																								
5.0	199.7	199.7	52/188.4	56/176.4																						
6.0	167.7	167.7	167.7	166.7	61/159.9	66/148.1																				
7.0	144.2	144.2	144.2	144.2	143.2	141.3	71/139.4	75/130.3																		
8.0	127.2	127.2	127.2	126.2	126.2	126.2	124.4	124.3	80/122.9	85/109.2																
9.0	112.2	112.2	113.2	113.2	112.2	111.2	111.0	110.8	109.0	105.9	90/103.3	95/95.1	99/88.6													
10.0	101.3	101.2	101.2	101.2	101.2	100.2	100.0	99.8	97.3	94.7	92.3	90.0	87.6	104/82.7	103/77.1	111/72.0	118/67.6									
12.0	83.7	83.7	83.7	83.7	83.7	83.7	83.4	81.7	79.7	77.8	76.0	74.4	72.5	71.0	69.3	68.0	66.4	123/63.5	128/59.8	133/56.4	137/53.5					
14.0	69.7	69.7	69.7	69.7	69.7	69.7	69.7	68.8	67.3	65.8	64.3	63.0	61.6	60.4	59.0	57.9	56.6	55.4	54.3	53.2	52.2	142/50.4	147/47.7	152/45.2	157/43.9	
16.0	148/65.7	60.7	59.7	59.2	59.2	59.2	59.0	59.0	58.0	56.7	55.5	54.5	53.2	52.2	51.0	50.2	49.1	48.1	47.2	46.3	45.4	44.5	43.5	42.6	38.2	161/34.9
18.0		175/54.1	50.7	50.7	50.7	50.7	50.3	50.3	50.0	49.7	48.6	47.8	46.7	45.8	44.8	44.1	43.1	42.2	41.4	40.7	39.9	39.1	38.2	37.5	34.8	31.9
20.0			45.0	44.7	44.3	44.0	43.6	43.6	43.3	43.0	42.8	42.4	41.4	40.6	39.7	39.1	38.3	37.4	36.8	36.1	35.4	34.7	33.9	33.2	31.8	29.1
22.0			201/44.7	39.5	39.1	38.8	38.4	38.4	38.1	37.8	37.5	37.3	37.0	36.4	35.5	35.0	34.2	33.5	32.9	32.2	31.7	31.0	30.2	29.6	28.9	26.6
24.0				227/37.9	34.9	34.6	34.1	34.1	33.8	33.5	33.2	33.1	32.7	32.5	32.0	31.6	30.8	30.1	29.6	29.0	28.5	27.8	27.1	26.6	25.9	24.5
26.0					254/32.5	31.1	30.7	30.7	30.3	30.0	29.7	29.6	29.2	29.0	28.7	28.6	27.9	27.3	26.7	26.2	25.8	25.1	24.5	24.0	23.3	22.5
28.0						280/28.2	27.8	27.7	27.4	27.1	26.8	26.6	26.3	26.1	25.7	25.7	25.3	24.8	24.3	23.8	23.4	22.8	22.2	21.7	21.1	20.5
30.0							25.3	25.3	24.9	24.6	24.3	24.1	23.8	23.6	23.2	23.1	22.8	22.5	22.2	21.7	21.3	20.8	20.2	19.7	19.1	18.6
32.0							307/24.6	23.1	22.8	22.4	22.1	22.0	21.6	21.4	21.0	21.0	20.6	20.3	20.1	19.9	19.5	18.9	18.4	17.9	17.4	16.9
34.0								333/22.0	20.9	20.6	20.3	20.1	19.7	19.5	19.1	19.1	18.7	18.4	18.2	18.0	17.8	17.3	16.8	16.4	15.8	15.3
36.0									359/19.4	19.0	18.7	18.5	18.1	17.9	17.5	17.4	17.1	16.8	16.6	16.4	16.2	15.9	15.3	14.9	14.4	13.9
38.0										17.6	17.2	17.1	16.7	16.4	16.1	16.0	15.6	15.3	15.1	14.9	14.7	14.5	14.0	13.7	13.2	12.7
40.0										386/17.2	16.0	15.8	15.4	15.2	14.8	14.7	14.3	14.0	13.8	13.6	13.4	13.2	12.8	12.5	12.0	11.5
42.0											412/15.3	14.7	14.3	14.0	13.6	13.5	13.2	12.9	12.6	12.5	12.3	12.0	11.6	11.4	11.0	10.5
44.0												438/13.7	13.2	13.0	12.6	12.5	12.1	11.8	11.6	11.4	11.2	10.9	10.6	10.4	10.0	9.6
46.0													12.3	12.1	11.7	11.6	11.2	10.9	10.7	10.5	10.3	10.0	9.6	9.4	9.1	8.7
48.0													465/12.1	11.2	10.8	10.7	10.3	10.0	9.8	9.6	9.4	9.1	8.8	8.6	8.2	7.9
50.0														492/10.6	10.1	9.9	9.6	9.3	9.0	8.8	8.6	8.3	8.0	7.8	7.4	7.1
52.0															518/9.5	9.2	8.9	8.6	8.3	8.1	7.9	7.6	7.2	7.0	6.7	6.4
54.0																8.6	8.2	7.9	7.6	7.4	7.2	6.9	6.6	6.4	6.0	5.7
56.0																544/8.5	7.6	7.3	7.0	6.8	6.6	6.3	6.0	5.8	5.4	5.1
58.0																	570/7.4	6.8	6.5	6.3	6.0	5.7	5.4	5.2	4.8	4.6
60.0																		597/6.3	6.0	5.8	5.5	5.2	4.9	4.7	4.3	4.0
62.0																			5.5	5.3	5.0	4.7	4.4	4.2	3.8	3.5
64.0																			623/5.4	4.8	4.6	4.3	3.9	3.7	3.4	3.1
66.0																				650/4.6	4.1	3.8	3.5	3.3	2.9	2.6
68.0																					676/3.8	3.5	3.1	2.9	2.5	2.2
70.0																						3.1	2.7	2.5	2.2	1.9
72.0																						702/3.1	2.4	2.2	1.8	1.5
74.0																							729/2.2	1.9	1.5	1.2
76.0																								755/1.6	1.2	760/0.9
78.0																									0.9	
80.0																									782/0.9	

Note: 1. Rating according to DIN 15018-3 and prEN 13000.
2. Rating shown in [ ] are determined by the strength of the boom or other structural components.
3. Instruction in the operator's manual must be strictly observed when operating the machine.

FIXED JIB LIFTING CAPACITY

(counterweight: 80.6 t, carbodyweight: 20.0 t, without main hook)

Jib Offset Angle: 10°

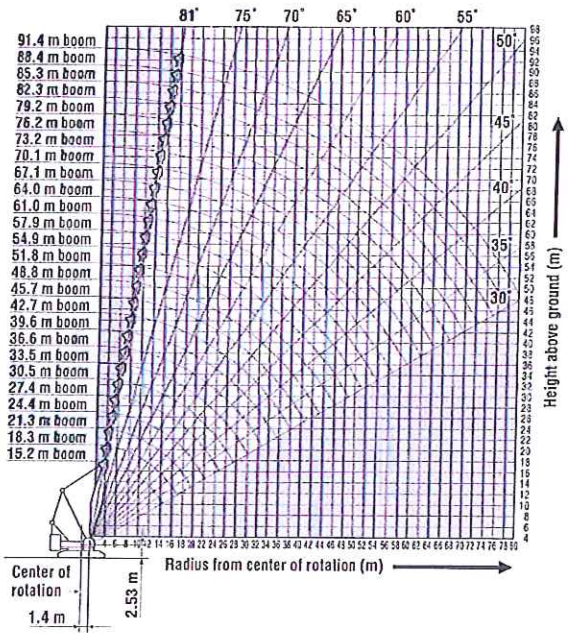
Boom length	27.4 m		51.8 m		76.2 m	
Jib length	12.2 m	30.5 m	12.2 m	30.5 m	12.2 m	30.5 m
9.0 m	9.8 m/26.8					
10.0 m	26.8					
12.0 m	25.5		13.6 m/26.8			
14.0 m	24.3		26.8			
16.0 m	23.0	16.0 m/6.9	25.9		17.4 m/26.8	
18.0 m	21.8	6.5	25.1	19.8 m/6.9	26.7	
20.0 m	20.7	6.2	24.4	6.9	26.1	
22.0 m	19.8	5.9	23.5	6.6	25.5	23.6 m/6.8
24.0 m	18.9	5.6	22.8	6.3	24.9	6.8
26.0 m	18.1	5.3	22.1	6.1	24.4	6.6
28.0 m	17.3	5.1	21.5	5.9	23.9	6.4
30.0 m	16.7	4.9	20.9	5.7	21.7	6.2
34.0 m	15.5	4.5	19.7	5.3	18.3	5.9
38.0 m	37.1 m/14.5	4.1	17.7	5.0	15.5	5.6
42.0 m		3.8	15.2	4.7	13.0	5.3
46.0 m		3.5	13.1	4.4	10.9	5.0
50.0 m		3.2	11.4	4.1	9.2	4.8
54.0 m		3.0	10.0	3.9	7.8	4.5
58.0 m		54.6 m/3.0	8.8	3.7	6.5	4.3
62.0 m			58.3 m/8.7	3.5	5.5	4.1
66.0 m				3.3	4.6	3.9
70.0 m				3.2	3.7	3.8
74.0 m				3.0	3.0	3.6
78.0 m				75.7 m/3.0	2.4	3.5
82.0 m					79.3 m/2.2	3.0
86.0 m						2.5
90.0 m						2.0
94.0 m						1.5
98.0 m						96.8 m/1.2

Jib Offset Angle: 30°

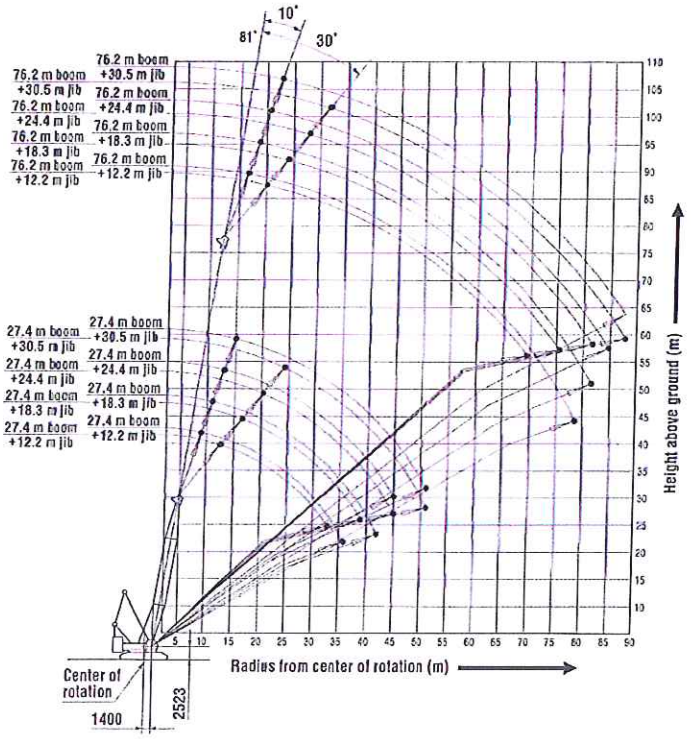
Boom length	27.4 m		51.8 m		76.2 m	
Jib length	12.2 m	30.5 m	12.2 m	30.5 m	12.2 m	30.5 m
12.0 m	13.5 m/19.5					
14.0 m	19.3					
16.0 m	18.7		17.3 m/19.4			
18.0 m	17.9		19.3			
20.0 m	16.8		18.9		21.1 m/19.3	
22.0 m	15.9		18.5		19.2	
24.0 m	15.2	25.3 m/4.2	18.0		18.9	
26.0 m	14.5	4.1	17.3		18.7	
28.0 m	13.9	4.0	16.7	29.1 m/4.2	18.4	
30.0 m	13.4	3.8	16.2	4.1	18.0	32.9 m/4.1
34.0 m	12.7	3.5	15.2	3.9	17.0	4.1
38.0 m	37.8 m/12.4	3.3	14.4	3.7	16.2	3.9
42.0 m		3.1	13.7	3.5	13.6	3.7
46.0 m		2.9	13.2	3.3	11.5	3.6
50.0 m		2.8	11.7	3.2	9.7	3.4
54.0 m		2.7	10.2	3.0	8.2	3.3
58.0 m		56.4 m/2.7	8.9	2.9	6.9	3.2
62.0 m			59.0 m/8.6	2.8	5.8	3.1
66.0 m				2.8	4.8	3.0
70.0 m				2.7	3.9	2.9
74.0 m				2.7	3.2	2.8
78.0 m				77.6 m/2.7	2.5	2.8
82.0 m					80.1 m/2.2	2.7
86.0 m						2.7
90.0 m						2.3
94.0 m						1.7
98.0 m						1.3
100.0 m						98.7 m/1.2

WORKING RADIUS

CRANE BOOM

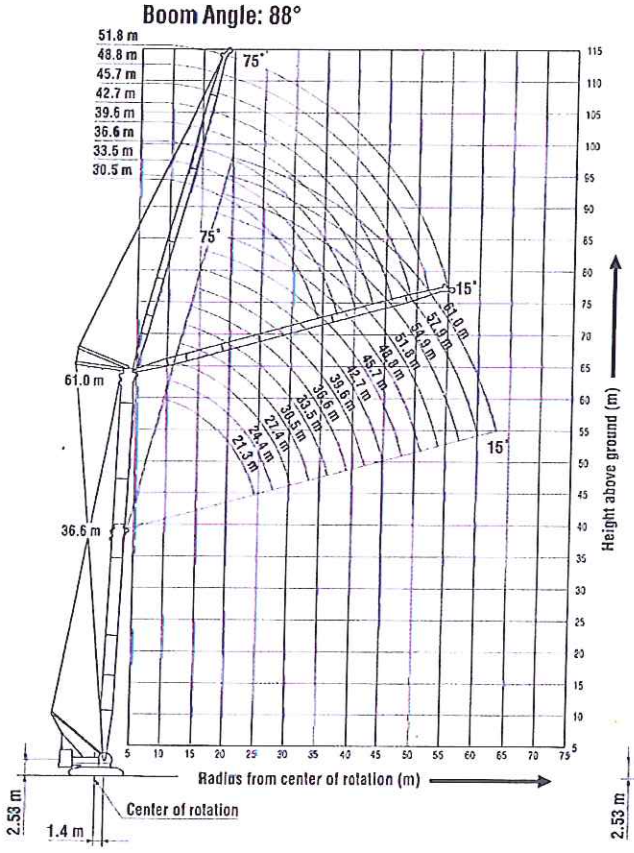


FIXED JIB (Jib Offset Angle: 10°+ 30°)

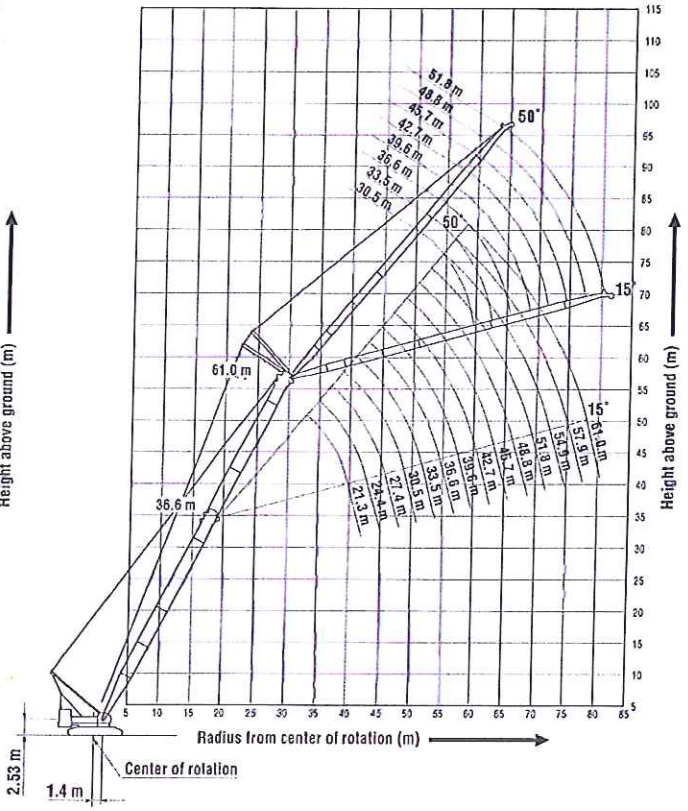


LUFFING JIB

Boom Angle: 88°



Boom Angle: 63°



BOOM & JIB ARRANGEMENT

CRANE BOOM ARRANGEMENT

Boom length m (ft)	Boom arrangement
15.2 (50)	Base-Tip
18.3 (60)	Base-A-Tip
21.3 (70)	Base-A-A-Tip, Base-B-Tip
24.4 (80)	Base-A-B-Tip
27.4 (90)	Base-A-A-B-Tip, Base-D-Tip, Base-B-B-Tip
30.5 (100)	Base-A-B-B-Tip, Base-A-D-Tip
33.5 (110)	Base-A-A-B-B-Tip, Base-A-A-D-Tip, Base-B-D-Tip
36.6 (120)	Base-A-B-D-Tip
39.6 (130)	Base-A-A-B-D-Tip, Base-D-D-Tip, Base-B-B-D-Tip
42.7 (140)	Base-A-B-B-D-Tip, Base-A-D-D-Tip
45.7 (150)	Base-A-A-B-B-D-Tip, Base-A-A-D-D-Tip, Base-B-D-D-Tip
48.8 (160)	Base-A-B-D-D-Tip
51.8 (170)	Base-A-A-B-D-D-Tip, Base-B-B-D-D-Tip, Base-D-D-D-Tip
54.9 (180)	Base-A-B-B-D-D-Tip, Base-A-D-D-D-Tip
57.9 (190)	Base-A-A-B-B-D-D-Tip, Base-A-A-D-D-D-Tip, Base-B-D-D-D-Tip
61.0 (200)	Base-A-B-D-D-D-Tip
64.0 (210)	Base-A-A-B-D-D-D-Tip, Base-B-B-D-D-D-Tip, Base-D-D-D-D-Tip
67.1 (220)	Base-A-B-B-D-D-D-Tip, Base-A-D-D-D-D-Tip
70.1 (230)	Base-A-A-B-B-D-D-D-Tip, Base-A-A-D-D-D-D-Tip, Base-B-D-D-D-D-Tip
73.2 (240)	Base-A-B-D-D-D-D-Tip
76.2 (250)	Base-A-A-B-D-D-D-D-Tip, Base-B-B-D-D-D-D-Tip, Base-D-D-D-D-D-Tip
79.3 (260)	Base-A-B-B-D-D-D-D-Tip, Base-A-D-D-D-D-D-Tip
82.3 (270)	Base-A-A-B-B-D-D-D-D-Tip, Base-A-A-D-D-D-D-D-Tip, Base-B-D-D-D-D-D-Tip
85.3 (280)	Base-A-B-D-D-D-D-D-Tip
88.4 (290)	Base-A-A-B-D-D-D-D-D-Tip, Base-B-B-D-D-D-D-D-Tip
91.4 (300)	Base-A-B-B-D-D-D-D-D-Tip

Base Boom Length and Boom Tip Length
Base = 7.8 m (25'), Tip = 8.3 m (27')
Insert Boom
A = 3.0 m (10'), B = 6.1 m (20'), D = 12.2 m (40')

FIXED JIB ARRANGEMENT

Jib length m (ft)	Jib arrangement
12.2 (40)	Base-A-Tip
18.3 (60)	Base-A-B-Tip
24.4 (80)	Base-A-B-B-Tip
30.5 (100)	Base-A-B-B-B-Tip

Base Jib Length and Jib Tip Length
Base = 7.8 m (25'), Tip = 8.3 m (27')
Insert Jib
A = 3.0 m (10'), B = 6.1 m (20')

LUFFING BOOM ARRANGEMENT

Boom length m (ft)	Boom arrangement
21.3 (70)	Base-A-B-Cap
24.4 (80)	Base-A-A-B-Cap, Base-B-B-Cap, Base-D-Cap
27.4 (90)	Base-A-B-B-Cap, Base-A-D-Cap
30.5 (100)	Base-A-A-B-B-Cap, Base-A-A-D-Cap, Base-B-D-Cap
33.5 (110)	Base-A-B-D-Cap
36.6 (120)	Base-A-A-B-D-Cap, Base-B-B-D-Cap, Base-D-D-Cap
39.6 (130)	Base-A-B-B-D-Cap, Base-A-D-D-Cap
42.7 (140)	Base-A-A-B-B-D-Cap, Base-A-A-D-D-Cap, Base-B-D-D-Cap
45.7 (150)	Base-A-B-D-D-Cap
48.8 (160)	Base-A-A-B-D-D-Cap, Base-B-B-D-D-Cap, Base-D-D-D-Cap
51.8 (170)	Base-A-B-B-D-D-Cap, Base-A-D-D-D-Cap
54.9 (180)	Base-A-A-B-B-D-D-Cap, Base-B-D-D-D-Cap, Base-A-A-D-D-D-Cap
57.9 (190)	Base-A-B-D-D-D-Cap
61.0 (200)	Base-A-A-B-D-D-D-Cap, Base-B-B-D-D-D-Cap

Base Boom Length and Luffing Boom Cap Length
Base = 7.8 m (25'), Cap = 8.3 m (27')
Insert Luffing Boom
A = 3.0 m (10'), B = 6.1 m (20'), D = 12.2 m (40')

LUFFING JIB ARRANGEMENT

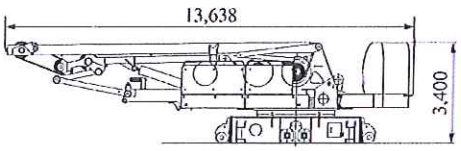
Jib length m (ft)	Jib arrangement
21.3 (70)	Base-A-B-Tip
24.4 (80)	Base-A-A-B-Tip, Base-B-B-Tip, Base-D-Tip
27.4 (90)	Base-A-B-B-Tip, Base-A-D-Tip
30.5 (100)	Base-A-A-B-B-Tip, Base-B-D-Tip, Base-A-A-D-Tip
33.5 (110)	Base-A-B-D-Tip
36.6 (120)	Base-A-A-B-D-Tip, Base-B-B-D-Tip, Base-D-D-Tip
39.6 (130)	Base-A-B-B-D-Tip, Base-A-D-D-Tip
42.7 (140)	Base-A-A-B-B-D-Tip, Base-B-D-D-Tip, Base-A-A-D-D-Tip
45.7 (150)	Base-A-B-D-D-Tip
48.8 (160)	Base-A-A-B-D-D-Tip, Base-B-B-D-D-Tip
51.8 (170)	Base-A-B-B-D-D-Tip
54.9 (180)	Base-A-A-B-B-D-D-Tip, Base-A-A-D-D-D-Tip, Base-B-D-D-D-Tip
57.9 (190)	Base-A-B-D-D-D-Tip
61.0 (200)	Base-A-A-B-D-D-D-Tip

Base Luffing Jib Length and Luffing Jib Tip Length
Base = 7.8 m (25'), Tip = 8.3 m (27')
Insert Luffing Jib
A = 3.0 m (10'), B = 6.1 m (20'), D = 12.2 m (40')

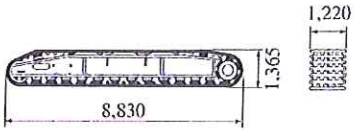
SPECIFICATIONS OF PARTS AND ATTACHMENTS

Dimensions: mm Weight: kg

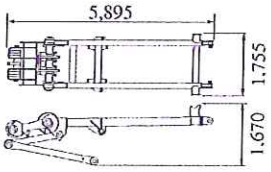
Base Machine
Weight: 44,900 kg Width: 3,500 mm



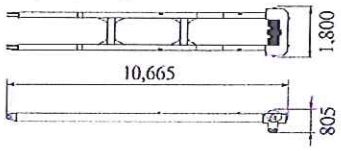
Crawler
Weight: 23,500 kg



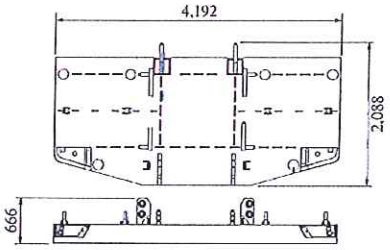
Gantry
Weight: 2,920 kg



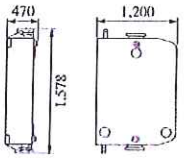
Mast
Weight: 2,970 kg



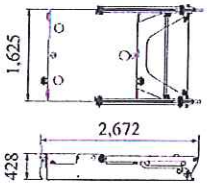
Counterweight Base
Weight: 12,890 kg



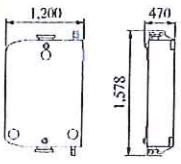
Counterweight B
Weight: 5,625 kg x 6 pieces



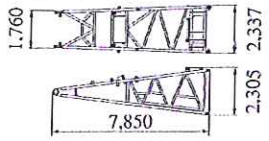
Carbodyweight A
Weight: 4,375 kg x 2 pieces



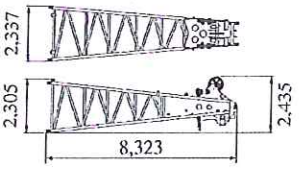
Carbodyweight B
Weight: 5,625 kg x 2 pieces



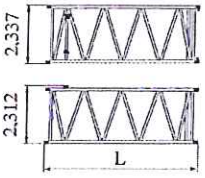
Boom Base
Weight: 3,250 kg



Boom Top
Weight: 3,138 kg (with guy cables)



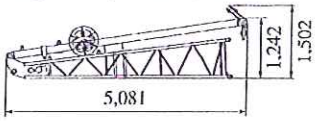
Insert Boom



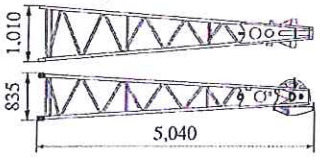
	L (mm)	Weight (kg)*
3.0m	3,175	776
6.1m	6,223	1,292
12.2m	12,320	2,243

*with guy cables

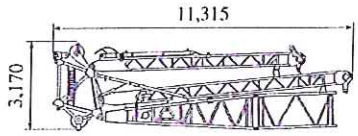
Jib Base with Strut (For Crane)
Weight: 510 kg Width: 1,040 mm



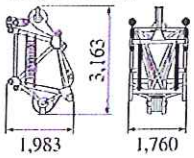
Jib Top (For Crane)
Weight: 315 kg



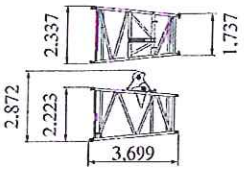
Travel Kit Assembly
Weight: 6,000 kg



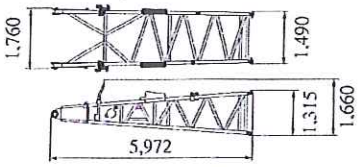
Luffing Main Boom Top
Weight: 1,890 kg



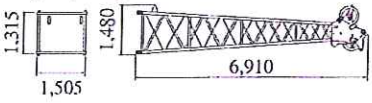
Luffing Taper Insert Boom
Weight: 1,030 kg



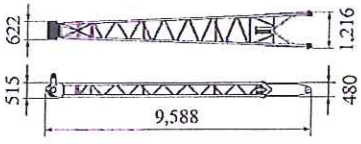
Luffing Jib Base
Weight: 1,140 kg



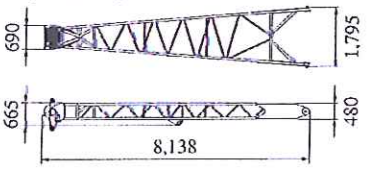
Luffing Jib Top
Weight: 1,170 kg



Front Strut (Luffing Jib)
Weight: 1,160 kg

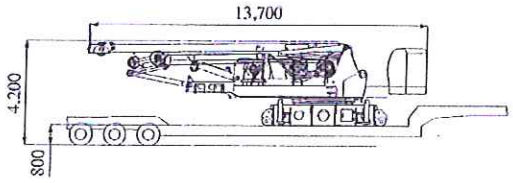
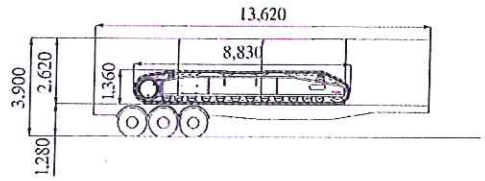
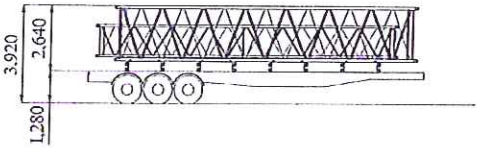
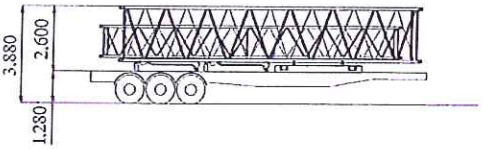
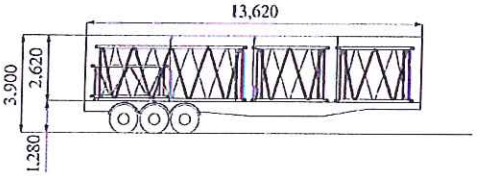
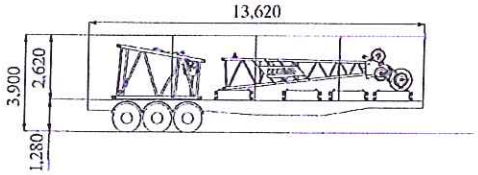
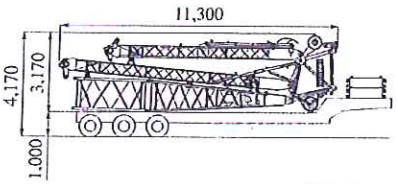


Rear Strut (Luffing Jib)
Weight: 1,130 kg



TRANSPORTATION PLAN

(Main Boom 61.0 m + Luffing Jib 51.8 m)

Configuration	Description	Total Weight
No.1 Low Loader 	Base Machine = Including 3rd winch Translifter All wire ropes	44.90 ton
No.2 & No.3 Tent Side Truck 	Crawler =	23.50 ton
No.4 & No.5 Flat Bed Trailer 	Counterweight (4 x 5.63 ton) = 40 ft Main Boom x 1 = 40 ft Luffing Jib x 1 = Total =	22.52 ton 2.24 ton 0.96 ton 25.72 ton
No.6 Flat Bed Trailer 	Counterweight Base x 1 = 40 ft Main Boom x 1 = 20 ft Luffing Jib (2 x 0.54 ton) = Carbodyweight Base (2 x 4.38 ton) = Total =	12.89 ton 2.24 ton 1.08 ton 8.76 ton 24.97 ton
No.7 Tent Side Truck 	10 ft Main Boom (2 x 0.74 ton) = 20 ft Main Boom x 1 = 10 ft Luffing Jib Insert x 1 = Total =	1.48 ton 1.29 ton 0.31 ton 3.08 ton
No.8 Tent Side Truck 	Luffing Jib Top x 1 =. Luffing Taper x 1 = Counterweight (4 x 5.63 ton) = Total =	1.17 ton 1.03 ton 22.52 ton 24.72 ton
No.9 Semi Loader 	Travel Kit = Counterweight (2 x 5.63 ton) = Total =	6.00 ton 11.26 ton 17.26 ton

Note: This transport plan depends on your specification of trailer and the areas or countries where you transport.

OTHER ATTACHMENTS

CKE2500

Attachments	Weight	Dimensions (L x W x H)
Boom backstop	680 kg	7,055 mm x 997 mm
3.0 m (10 ft) Insert jib	110 kg	3,128 mm x 1,020 mm x 840 mm
6.1 m (20 ft) Insert jib	190 kg	6,175 mm x 1,020 mm x 840 mm
3.0 m (10 ft) Insert Luffing jib	310 kg	3,165 mm x 1,490 mm x 1,290 mm
6.1 m (20 ft) Insert Luffing jib	540 kg	6,210 mm x 1,490 mm x 1,290 mm
12.2 m (40 ft) Insert Luffing jib	960 kg	12,305 mm x 1,490 mm x 1,290 mm
Luffing jib backstop	180 kg	3,575 mm x 346 mm x 226 mm
Strut backstop (luffing jib)	180 kg	3,575 mm x 268 mm
Auxiliary sheave	276 kg	1,080 mm x 930 mm
Auxiliary sheave (luffing jib)	380 kg	1,012 mm x 893 mm x 914 mm
Lower spreader	700 kg	1,350 mm x 1,305 mm x 500 mm
Luffing jib drum	1,470 kg	1,696 mm x 1,040 mm x 1,063 mm
Ball hook	450 kg	1,200 mm x 380 mm dia.
35-ton hook	900 kg	1,575 mm x 365 mm x 700 mm
70-ton hook	1,200 kg	1,825 mm x 384 mm x 700 mm
100-ton hook	1,800 kg	2,025 mm x 555 mm x 700 mm
150-ton hook	2,300 kg	2,665 mm x 715 mm x 700 mm
250-ton hook	4,200 kg	2,308 mm x1,616 mm x 720 mm

Note: Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

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