



Max. Lifting Capacity: 25.0 metric ton at 3.5 m Max. Boom Length: 30.62 m



Note: Optional items shown above may change without notice.

## SPECIFICATIONS

CRANE PERFORMANCE						
	7.35 m boom	25,000 kg x 3.5 m (7 parts)				
	12.00 m boom	20,300 kg x 3.5 m (6 parts)				
	16.66 m boom	19,000 kg x 4.0 m (6 parts)				
	21.31 m boom	14,450 kg x 4.0 m (4 parts)				
Max, we trading a	25.97 m boom	10,450 kg x 5.5 m (4 parts)				
Max. rated load	30.62 m boom	7,000 kg x 8.0 m (4 parts)				
	5.8 m jib	4,000 kg x 10.6 m (1 part)				
	8.9 m jib	2,300 kg x 14.0 m (1 part)				
	12.0 m jib	2,000 kg x 12.0 m (1 part)				
	Auxiliary sheave	4,000 kg (1 part)				
Mary lifeting haringhe	25 t hook (Main boo	om) 31.5 m				
Max. lifting height	4 t ball hook (Twist	ib) 43.2 m				
	Boom	28.2 m				
Max. working radius	Jib	33.6 m				
Main boom length	7.35 m to 30.62 m					
Boom telescoping speed	100 sec/23.27 m					
Jib length	5.8 m, 8.9 m, 12.0 m					
Line speed	Main: 122 m/min at 4th layer, Aux.: 107 m/min at 1st layer					
Line pull	4,200 kg at 5th layer					
Boom raising speed	49.6 sec/ -8° to 82°					
Swing speed	1.9 min <sup>-1</sup> {1.9 rpm}					
CRANE MAIN STRUCTUR	RE					
		, 2nd, 3rd, and 4th singly and 5th				
Main boom	and 6th simultaneous telescoping					
	· ·	g, use in combnation with wire rope				
	Side storage, compr	essed truss and box type, 2nd and 3rd				
Jib	drawing out type.					
JID	Sky tilt jib: hydraulic no-step tilt type (3° to 45°)					
	Manual jib (optional): 3 step variable tilt type (5°, 25°, 45°)					
Aux. sheave	Mounted on boom t	p, upward storage, hook winding up type				
	Hydraulic motor driv	e, planetary gear reduction and automatic				
Winch system	brake, independent 2 winches (without free-fall)					
	High to low variable speed					
Boom hoist system	Direct forced type by	/ double acting hydraulic cylinder (-8°~ 82°)				
Swing overam	Hydraulic motor drive, planetary gear reduction type,					
Swing system with parking (negative) brake, half-free/lock selectable						
	Туре	All hydraulic, H-type or X-type				
Outriggers	Extension width	H-type: 6.3 m/5.9 m/5.1 m/3.8 m/2.12 m				
	Extension width X-type: 6.3 m/5.9 m/5.1 m/3.8 m/2.98 m					

Engine light constraints and c			
HYDRAULIC SYSTEM      Hydraulic pumps    for travel    2 variable displacement pluu      gear pumps for steering a    emergency steering      grant    2 variable displacement pluu      hydraulic oil tank    410 liters      CARRIER PERFORMANCE    2 variable displacement pluu      Max. travel speed    49 km/h      Gradeability    High gear: 19 % (11°) /Low gear: 50 % (      Min. turning radius    Normal steering      Engine    Make/model      HIND JO8E-TM      Displacement    7.684 liters      Max. output    209 kW/2,100 min-      Max. torque    998 Nm/1,600 min      CARRIER MAIN STRUCTURE    All wheel drive and steering (4 x 4)	0 anti-twist		
Hydraulic pumps    for travel    2 variable displacement pluu      for travel    3 gear pumps for steering a      emergency steering    2 variable displacement pluu      for crane    2 variable displacement pluu      Hydraulic oil tank    410 liters      CARRIER PERFORMANCE    410 liters      Max. travel speed    49 km/h      Gradeability    High gear: 19 % (11°) /Low gear: 50 % (      Min. turning radius    Normal steering      Carap steering    4.8 m      Make/model    HINO JO8E-TM      Type    water cooled, 4 cyc      injection diesel with    Displacement      Displacement    7.684 liters      Max. output    209 kW/2,100 min      Max. torque    998 Nm/1,600 min      CARRIER MAIN STRUCTURE    All wheel drive and steering (4 x 4)	0 anti-twist		
Hydraulic pumps      for travel      3 gear pumps for steering a emergency steering        Hydraulic oil tank      410 liters      2 variable displacement plui pump        Hydraulic oil tank      410 liters      2 variable displacement plui pump        Max. travel speed      49 km/h      Gradeability      High gear: 19 % (11°) /Low gear: 50 % (        Min. turning radius      Normal steering      8.5 m      6.5 m        Cramp steering      4.8 m      Make/model      HINO J08E-TM        Engine      Type      Water cooled, 4 cyc      injection diesel with        Displacement      7.684 liters      Max. output      209 kW/2,100 min        Max. torque      998 Nm/1,600 min      Max. torque      998 Nm/1,600 min        CARRIER MAIN STRUCTURE      All wheel drive and steering (4 x 4)      All wheel drive and steering (4 x 4)			
2 variable displacement plui pump         Hydraulic oil tank      410 liters        CARRIER PERFORMANCE        Max. travel speed      49 km/h        Gradeability      High gear: 19 % (11°) /Low gear: 50 % (        Min. turning radius      Normal steering      8.5 m        Cramp steering      4.8 m        Make/model      HINO J08E-TM        Type      Water cooled, 4 cyc        injection diesel with      Displacement        Displacement      7.684 liters        Max. output      209 kW/2,100 min-        Max. torque      998 Nm/1,600 min        CARRIER MAIN STRUCTURE      All wheel drive and steering (4 x 4)			
tor crane      pump        Hydraulic oil tank      410 liters        CARRIER PERFORMANCE      Max. travel speed      49 km/h        Gradeability      High gear: 19 % (11°) /Low gear: 50 % (        Min. turning radius      Normal steering      8.5 m        Cramp steering      4.8 m        Make/model      HINO JO8E-TM        Engine      Make/model      HINO JO8E-TM        Displacement      7.684 liters        Max. output      209 kW/2,100 min-        Max. torque      998 Nm/1,600 min        CARRIER MAIN STRUCTURE      All wheel drive and steering (4 x 4)			
Hydraulic oil tank  410 liters    CARRIER PERFORMANCE    Max. travel speed  49 km/h    Gradeability  High gear: 19 % (11°) /Low gear: 50 % (    Min. turning radius  Normal steering  8.5 m    Cramp steering  4.8 m    Make/model  HINO JO8E-TM    Type  injection diesel with    Displacement  7.684 liters    Max. torque  998 Nm/1,600 min    CARRIER MAIN STRUCTURE  All wheel drive and steering (4 x 4)	nger pumps, and 3 gear		
Max. travel speed  49 km/h    Gradeability  High gear: 19 % (11°) /Low gear: 50 % (    Min. turning radius  Normal steering  8.5 m    Cramp steering  4.8 m    Make/model  HINO J08E-TM    Type  Water cooled, 4 cyc injection diesel with    Displacement  7.684 liters    Max. output  209 kW/2,100 min-    Max. torque  998 Nm/1,600 min    CARRIER MAIN STRUCTURE  All wheel drive and steering (4 x 4)			
Gradeability      High gear: 19 % (11°) /Low gear: 50 % (        Min. turning radius      Normal steering      8.5 m        Cramp steering      4.8 m        Cramp steering      4.8 m        Make/model      HINO JO8E-TM        Type      Water cooled, 4 cyc        injection diesel with      Displacement        Displacement      7.684 liters        Max. output      209 kW/2,100 min-        Max. torque      998 Nm/1,600 min        Travel drive      All wheel drive and steering (4 x 4)			
Normal steering      8.5 m        Min. turning radius      Cramp steering      4.8 m        Cramp steering      4.8 m        Make/model      HINO JO8E-TM        Type      Water cooled, 4 cyc injection diesel with        Displacement      7.684 liters        Max. output      209 kW/2,100 min-        Max. torque      998 Nm/1,600 min        Travel drive      All wheel drive and steering (4 x 4)			
Mill. turning radius      Cramp steering      4.8 m        Cramp steering      4.8 m        Make/model      HINO J08E-TM        Type      Water cooled, 4 cyc injection diesel with        Displacement      7.684 liters        Max. output      209 kW/2,100 min- Max. torque        CARRIER MAIN STRUCTURE      All wheel drive and steering (4 x 4)	27°)		
Cramp steering      4.8 m        Make/model      HINO JO8E-TM        Type      Water cooled, 4 cyc injection diesel with        Displacement      7.684 liters        Max. output      209 kW/2,100 min-        Max. torque      998 Nm/1,600 min        CARRIER MAIN STRUCTURE      All wheel drive and steering (4 x 4)			
Engine Type Water cooled, 4 cyc injection diesel with Displacement 7.684 liters Max. output 209 kW/2,100 min Max. torque 998 Nm/1,600 min CARRIER MAIN STRUCTURE Travel drive All wheel drive and steering (4 x 4)			
Engine Ivpe injection diesel with Displacement 7.684 liters Max. output 209 kW/2,100 min Max. torque 998 Nm/1,600 min CARRIER MAIN STRUCTURE Travel drive All wheel drive and steering (4 x 4)			
Engine Tigettion diesel with Displacement 7.684 liters Max. output 209 kW/2,100 min- Max. torque 998 Nm/1,600 min CARRIER MAIN STRUCTURE Travel drive All wheel drive and steering (4 x 4)	Water cooled, 4 cycle, 6 cylinders, direct		
Displacement      7.684 liters        Max. output      209 kW/2,100 min-        Max. torque      998 Nm/1,600 min        CARRIER MAIN STRUCTURE      Travel drive        All wheel drive and steering (4 x 4)	n turbocharger, intercooler		
Max. torque      998 Nm/1,600 min        CARRIER MAIN STRUCTURE      Travel drive      All wheel drive and steering (4 x 4)			
CARRIER MAIN STRUCTURE        Travel drive      All wheel drive and steering (4 x 4)	1 {284 PS/2,100 rpm}		
Travel drive All wheel drive and steering (4 x 4)	998 Nm/1,600 min <sup>-1</sup> {102 kgf m/1,600 rpm}		
Transmission Type HST (Hydrostatic tr wheel drive	ansmission), full-time 4		
No. of speed shift CVT by HST + High	CVT by HST + High/Low 2-step		
All axles steered and driven by variable d	isplacement hydraulic		
Axles motors, differential locks for transverse l	ock.		
2-step axle intermediate gear			
Suspension Hydro-pneumatic suspension (with hydra			
Type      All hydraulic power steering widevice and about-face steering			
Mode Normal (front 2W), clamp (4W)	, crab (4 W) and rear (2W)		
Brake Main service brake Internal expansion booster, on all wh	n drum type with full air eels		
Aux. brake HST brake			
Parking brake Spring locked type	e, acting on all wheels		
Tires (front and rear) 385/95 R25 170E ROAD			
Fuel tank 300 liters			

LIFTING CAPACITIES MAIN BOOM

Main boom length: 7.35 - 30.62 m Outriggers: 6.3 m position Swing area: 360°

							01111. 101
B	oom length (m)	7.35	12.00	16.66	21.31	25.97	30.62
	2.5	25.00	20.30				
	3.0	25.00	20.30	19.00	14.45		
	3.5	25.00	20.30	19.00	14.45		
	4.0	22.40	19.75	19.00	14.45	10.45	
	4.5	20.00	19.10	18.00	13.85	10.45	
	5.0	11.50/4.9m	18.50	16.70	13.20	10.45	7.00
	5.5		16.90	15.60	12.60	10.45	7.00
	6.0		15.50	14.60	12.00	10.00	7.00
	6.5		14.30	13.80	11.50	9.60	7.00
	7.0		13.20	13.00	10.95	9.20	7.00
	7.5		12.20	12.20	10.40	8.80	7.00
	8.0		10.65	10.70	9.80	8.40	7.00
ਵਿ	8.5		9.35	9.60	9.30	8.05	6.70
s (I	9.0		8.25	8.55	8.80	7.70	6.40
Operating radius (m)	9.5		7.20	7.65	8.10	7.40	6.15
J ra	10.0			6.90	7.30	7.10	5.90
ţ	11.0			5.65	6.05	6.55	5.35
era	12.0			4.70	5.10	5.55	4.90
g	13.0			3.90	4.30	4.75	4.50
	14.0			3.30	3.70	4.10	4.15
	15.0			3.15/14.2m	3.15	3.55	3.85
	16.0				2.70	3.10	3.35
	17.0				2.30	2.75	2.95
	18.0				1.90	2.40	2.60
	19.0				1.60/18.8m	2.10	2.35
	20.0					1.80	2.10
	22.0					1.30	1.60
	24.0					1.00/23.5m	1.25
	26.0						0.95
	28.0						0.70
	30.0						0.70/28.2m

		25° 45	•	
	3	5°		
				50 12.0m jib offset 5°
30.62 m boom				12.0m jib offset 25° 12.0m jib offset 45°
+12.0 m jib				8.9m jib offset 5°
30.62 m boom +8.9 m jib				8.9m jib offset 25°
30.62 m boom				8.9m jib offset 45°
+5.8 m jib				40 5.8m jib offset 5°
· · · ·				5.8m jib offset 25° 5.8m jib offset 45°
	MASA			
30.62 m boom	75			
		65		
		X 60%	KXXX	30
25.97 m boom		<u></u>	55	
//*			5.50	
21.31 m boom			45	
			40	Ê HYNNAK
H~	7427			
16.66 m boom		XXX	XX X	
	JHK/			
12.00 m boom			1	25°
	$\frac{1}{2}$		1 - 11 -	20° 20° 40° 20° 40° 40° 40° 40° 40° 40° 40° 40° 40° 4
<b> </b> ₹/→	SEX A			
7.35m m boom				
				10°
<b>h</b> '198		TH TH		
	TH-			
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		8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		
0	Radius	10 front center o	20 f rotation (m) —	30

Boom and jib geometry shown does not reflect any deflection of boom and jib. Boom deflection and subsequent radius and boom angle change must be accounted for when at actual operation.



Main boom length: 30.62 m Jib length: 5.8, 8.9, 12.0 m Outriggers: 6.3 m position Swing area: 360°

Unit: ton

	Jib length (m)			5.8	m		
Jib angle (°)		3 to	o 5	2	5	4	5
		Operating	Lifting	Operating	Lifting	Operating	Lifting
		radius (m)	capacity (kg)	radius (m)	capacity (kg)	radius (m)	capacity (kg)
	82.0	5.1	4.00	6.9	3.10	8.4	2.13
	80.0	6.5	4.00	8.3	3.10	9.6	2.13
	75.0	9.7	4.00	11.4	3.10	12.6	2.04
	73.5	10.6	4.00	12.3	2.95	13.5	2.01
	71.0	12.0	3.80	13.7	2.73	14.8	1.98
	70.0	12.6	3.63	14.2	2.65	15.3	1.97
0	69.0	13.2	3.48	14.8	2.57	15.9	1.96
gle	65.0	15.5	2.93	17.0	2.29	17.9	1.92
l ar	62.0	17.1	2.60	18.5	2.12	19.4	1.86
Boom angle	60.0	18.2	2.29	19.5	2.01	20.3	1.79
B	56.0	20.2	1.70	21.5	1.56	22.2	1.50
	55.0	20.7	1.58	22.0	1.45	22.6	1.40
	53.0	21.7	1.36	22.9	1.25	23.4	1.21
	52.0	22.2	1.26	23.3	1.16	23.9	1.13
	50.0	23.1	1.07	24.2	1.00	24.7	0.97
	48.0	24.0	0.91	25.0	0.85	25.4	0.83
	45.0	25.3	0.70	26.2	0.65	26.4	0.64
	40.0	27.2	0.41	27.9	0.39		
	37.0	28.3	0.28	28.7	0.26		
M	in. boom angle	3	37° 37°		7°	4	5°
Unit: to							

,	lib length (m)			8.9	m		
	Jib angle (°)	3 to	o 5	2	5	4	5
		Operating	Lifting	Operating	Lifting	Operating	Lifting
		radius (m)	capacity (kg)	radius (m)	capacity (kg)	radius (m)	capacity (kg)
	82.0	5.8	2.30	8.7	2.10	11.0	1.40
	80.0	7.2	2.30	10.1	2.10	12.3	1.40
	75.0	10.8	2.30	13.4	1.82	15.3	1.35
	73.5	11.8	2.30	14.3	1.74	16.2	1.33
	71.0	13.4	2.30	15.9	1.62	17.6	1.30
	70.0	14.0	2.30	16.5	1.57	18.2	1.28
	69.0	14.6	2.28	17.1	1.53	18.7	1.27
_	65.0	17.1	1.95	19.4	1.39	20.8	1.20
e (°)	62.0	18.8	1.76	21.0	1.30	22.4	1.15
angle	60.0	20.0	1.65	22.1	1.25	23.3	1.12
na	56.0	22.2	1.47	24.2	1.16	25.2	1.06
Boom	55.0	22.7	1.37	24.7	1.14	25.6	1.05
-	53.0	23.8	1.17	25.6	1.05	26.5	1.00
	52.0	24.3	1.08	26.1	0.97	26.9	0.93
	50.0	25.3	0.92	27.0	0.83	27.7	0.80
	48.0	26.3	0.77	27.9	0.70	28.5	0.68
	45.0	27.7	0.58	29.1	0.53	29.5	0.52
	40.0	29.8	0.33	31.0	0.30		
	39.0	30.2	0.29	31.4	0.26		
	38.0	30.6	0.25				
M	in. boom angle	38	8°	3	9°	4	5°

							UTIL. LOI	
J	lib length (m)		12.0 m					
	Jib angle (°)	3 t	05	2	5	4	5	
		Operating	Lifting	Operating	Lifting	Operating	Lifting	
		radius (m)	capacity (kg)	radius (m)	capacity (kg)	radius (m)	capacity (kg)	
	82.0	7.1	2.00	10.7	1.25	13.6	1.00	
	80.0	8.5	2.00	12.1	1.25	14.9	1.00	
	75.0	12.0	2.00	15.6	1.18	18.1	1.00	
	73.5	13.1	1.87	16.6	1.15	19.0	1.00	
	72.0	14.1	1.75	17.5	1.12	19.9	0.97	
	71.0	14.8	1.70	18.2	1.10	20.5	0.95	
-	69.0	16.1	1.58	19.4	1.06	21.6	0.91	
(°) 8	65.0	18.8	1.40	21.9	1.01	23.8	0.84	
angle	60.0	21.9	1.20	24.8	0.94	26.4	0.74	
na	55.0	24.9	1.10	27.5	0.88	28.7	0.64	
Boom	53.0	26.0	1.03	28.5	0.85	29.6	0.60	
l m	52.0	26.6	0.95	29.0	0.84	30.0	0.58	
	51.0	27.1	0.87	29.4	0.77	30.5	0.56	
	50.0	27.6	0.80	29.9	0.71	30.9	0.54	
	48.0	28.7	0.67	30.8	0.60	31.6	0.50	
	45.0	30.2	0.50	31.9	0.45	32.6	0.44	
	41.0	32.0	0.32	33.3	0.28			
	40.0	32.5	0.27	33.6	0.25			
Μ	in. boom angle	4	0°	4	0°	4	5°	

#### Unit: ton

Unit: ton

# Lifting capacity

### Stationary: Max., Operating radius 3.0 m

		Stationary				
Swing area	360					
Boom length (m)	7.35	12.00	16.66	21.31		
Lifting capacity (ton)	7.65	7.50	7.30	4.50		

#### Stationary: Max., Operating radius 3.0 m

	Stationary				
Swing area	Over the front				
Boom length (m)	7.35	12.00	16.66	21.31	
Lifting capacity (ton)	14.00	14.00	9.00	6.50	

## Steering





#### Reference

Ratings according to Japanese Construction Codes for mobile cranes and Japanese Safety Ordinance on Cranes, etc.

#### Classification of the crane

- The crane is classified as follows. (ISO 4301-2 or FEM 1.001):
- Operating classification  $\rightarrow$  U2

### • Collective classification $\rightarrow$ Q2

• Crane group  $\rightarrow$  A1

All the major components of the crane are designed and manufactured for standard construction operations. It is assumed that there is a normal working time relation between the maximum usage of the crane, work periods with relatively light usage of the crane, and the rest periods for the machinery; this ratio should be a value which is typical for an erection crane. Under more severe operating conditions, a shorter service life would be inevitable and must be expected. If the crane will be used under uncommon operating conditions or for special tasks which are

different from standard assembly work, the prior approval of manufacturer must be obtained; in such a case, it can be assumed that the load carrying capacity will be restricted.

#### Notes

- 1. The rated crane load is the maximum lifting capacity when the crane is set on firm and level ground and includes the weight of the hook block, sling wire, etc.
- Area marked with indicates that the rated load is decided by machine stability
- In the area where the chart is blank, crane lifting can not be done there. If the boom is lowered exceeding the minimum boom angle, crane may turnover even without load. Take extra care not to do this.
- 3. If the required boom length for actual work exceeds the specified boom length or one rank above that boom length, whichever the rated load is smaller.
- The crane load of aux.. sheave is equal to that of the boom rated load minus 25 ton hook weight (200 kg) and limited to 4,000 kg.
- Operating radius is horizontal distance from swing center to the gravity point of the load.
  Radius shown on the above capacity chart are on actual base taking in account of boom and jib deflection under loaded condition at 100% of rated load.
- When using boom only, always refer to radius over your operation.

7. Type of the hooks and their weight is as per the following table.

Kind of hooks	25 ton	4.0 ton
Weight	200 kg	70 kg

8. Minimum no. of reeving part of the hook is determined so that the sling line load does not exceed 4,000 kg.

The maximum reeving for each boom length is shown bellow.

Boom length	7.35 m	12.00 m	16.66 m	21.31 m	25.97 m	30.62 m	Jib/aux. sheave
Used hook		25.0 hook					4.0 ton hook
No. of reeving	7	6	6	4	4	4	1

#### **OPERATION WITHOUT OUTRIGGERS (ON TIRE)**

 The rated crane load means the maximum load that the crane can lift when the air pressure of tires is at the specified pressure on firm and level ground and when the suspension cylinder is retracted to the maximum rate and includes the weight of the hook block and sling wire, etc. The \_\_\_\_\_ part is decided by the strength of machine and other area are decided by the stability of the crane body.

(Tires specified air pressure: 900 kPa)

2. The rated crane load is different in capacity at the forward and lateral directions. When the crane swings from the forward area to the lateral area, take extra care because the crane may be overloaded.

[	OVER FRONT		
Γ	On tire	Stationary lifting	Pick and carry
	Area $lpha$ °	1°	1°

#### Pick & Carry: Max., Operating radius 3.0 m

	Pick & Carry (under 2 km/h)			
Swing area	360			
Boom length (m)	7.35	12.00	16.66	21.31
Lifting capacity (ton)	7.65	6.40	5.10	3.20

#### Pick & Carry: Max., Operating radius 3.0 m

	Pick & Carry (under 2 km/h)			
Swing area	Over the front			
Boom length (m)	7.35	12.00	16.66	21.31
Lifting capacity (ton)	13.80	10.50	7.50	5.50



- 3. Do not attempt the operation with jib.
- 4. Operate the lifting work at the fixed position with the parking brake engaged.
- 5. Operate the lifting work during propelling with the high and low selector switch set to the low range.
- 6. Operate the lifting work during propelling so that it is not swung while holding the load close to the ground at a speed of 2 km/h or lower.
- Special care should be taken to the cornering, sudden acceleration and braking.
- 7. Do not attempt the crane operation through the lifting work during propelling.

#### **OPERATION WITH OUTRIGGERS**

- The maximum extension width of outrigger is 6.3 m, medium extension width is 5.9 m, 5.1 m and 3.8 m. The minimum extension width is 2.12 m for H type and 2.98 m for X type.
   The lifting capacity in side areas may differ depending on the extending condition of outriggers.
- 2. The lifting capacity in side areas may differ depending on the extending condition of outriggers. If the extension width is different depending on the right and left, front and rear outriggers, carry out operation under the rated crane load according to the right front and rear outriggers with less extension width in the right side area, and the left front and rear outriggers with less extension width in the left side area.

For the lifting capacity in the front and rear areas, make sure to work following the rated crane load chart with the outriggers maximum extension. However, the rated crane load indicated by the load safety device in the lateral area is designed to change continuously from the forward, backward to he lateral area by the calculation excluding the outriggers minimum extension width.



Outrigger extension condition	MID extension (5.9m)	MID extension (5.1m)	MID extension (3.8 m)	Minimum extension (H type 2.12 m) (X type 2.98 m)
Area ar o	Area α° 31 27 19	10	Η 7	
Alta a		19	X 14	
Area β°	31	27	19	Η7
				X 14

 When using jib, the above chart shows only the actual radius under 30.62 m boom, therefore, always refer to boom angle when operating jib with boom length shorter than 30.62 m.

- In case of jib work, jib rated load 4.0 ton minus ball hook weight and sling wire rope weight should be used.
- In case of boom work with jib extended, boom rated load minus lifting sling weight and 1,200 kg should be used in case of 1 to 3 step jib extended condition.
- 6. Do not use aux. sheave when the jib extended.
- 7. Regarding stability in the oblique direction (outrigger direction), the outrigger float at the diagonal position against the lifted load may float depending of the condition during lifting work in the oblique direction (Outrigger direction). This phenomenon is caused due to the torsional rigidity of carrier frame and deflection and not by the loss o stability. This crane is set and operated horizontally on firm and level ground through out the work within the rated crane load and the stability is ensured. The oblique (outrigger direction) means the direction of (1) to (4).



Warning (4) (3) RK250 is designed for lifting purpose only. Do not use and/or lift attachments which cause vibration or shock.

The machine may be damaged.

## General Dimensions (Unit: mm)





### **Crane System**

Moment limiter (auto-stop) Overhoist prevention device (auto-stop) Swing automatic stop device Working range limit device Swing brake Interceptive lever lock for on and off Check & Safety Monitor Sling wire lock Auxiliary hoist drum camera Overload state record Emergency directly connected cable

### **Travel System** Rear view camera Emergency steering pump

Rear steering auto-lock Suspension lock device Engine overrun warning device Reverse sound alarm Seat helt

### STANDARD EQUIPMENT

Spotlights Auxiliary hoist drum/ rear view camera Reverse sound alarm Hook block 25t (3-sheave) Hook block 4t (ball) Tacho-graph (analog) Tools Twist jib hydraulically tilt Auxiliary sheave Centralized greasing system One way call Outrigger-pads (rubber type) Grease gun Air conditioner Main and auxiliary winch Foot pedals (boom raise/lower, auxiliary hoist) Outrigger control box (left side) Radio and antenna (Japanese type)

### **OPTIONAL EQUIPMENT**

25,955 kg

Twist jib, manually tilt Stowage box Spare wheel: 385/95 R25 Spare rim: 385/95 R25 Radio and antenna (on request) Fire extinguisher (on request) ABS (on request)

\*Optional equipment may vary by countries.

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.

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