OPTIONAL EQUIPMENT for TM-ZX1500HRS/HS

Oil Cooler

The oil cooler maintains the temperature of the hydraulic oil low, keeping it safe and improving the operating efficiency of the crane.

Use the oil cooler to cool the hydraulic oil when the oil temperature rises significantly, such as when the machine is used continuously at high load.

Basket Mounting Support

Baskets that conform to the following specs can be mounted on the crane: •Basket weight: 200 kg or less •Basket capacity: 200 kg or less •Basket arm length: 1,700 mm or less Please mount the basket according to the basket's user manual.

Optional for TM-ZX1505HRS only



15 ton Hook Block

5 sheaves for 10 parts of line with 1 additaional sheave for the boom point (Hook block weight: 110 kg)

Note: The standard specification is a 9 ton hook block.



NOTE: Some specifications are subject to change.



TM-ZX1500HRS/HS





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TRUCK LOADER CRANE





Safer, stronger, farthermaximum performance through sensor monitoring.

"Crane operation is more stable with a load in the bed." It's something we've always known, but until now could only rely on the operator's experience and senses to know how far was too far. The TM-ZX1500's equipped sensors, however, measure cargo load weight and reflect that sense of stability in crane functionality.

TM-ZX1500HRS/HS

EVES Safety Eyes See p. 3-4



Emergency stop WATER & DUST-RESISTANCE [IP66K**]

Radio Controller with Color LCD* Display *Liquid-Crystal Display

The loader crane has an optional remote control, which employs a large-screen and power-saving color LCD display, has a feature that can customize speed adjustment for various operations, and has an emergency stop switch in addition to displaying actual load, rated load, and moment load ratio,

The newly developed "load weight" function calculates and displays load weight during loading and unloading, enabling work progress and the load weight on the vehicle to be checked, which also prevents overloading. These features contribute to not only the safety of crane work, but also to the safety of the vehicle when it is traveling.

> Note: TM-ZX1505HS model does not include controller **The IP rating indicates water proofness and dust proofness as defined in IEC 60529. An IP66K rating indicates an exceptional level of water and dust proofness, ensuring peace of mind.

AML (Automatic Moment Limiter)

The AML that monitors crane work safety is equipped as standard and it provides a "strength monitoring" function, which prevents crane overloading, and a "stability monitoring" function, which prevents the crane from falling over.

Manually entering the number of parts of line in use allows for fine-tuned controls. As the crane approaches rated performance, warning alarms and lamps (on radio controller***, three-color limit warning lamps and control panel) are triggered. In order to ensure safety, operation is automatically stopped or warning alarms are triggered once critical parameters are reached. This system helps support both safety and ease-of-use for the operator.





Safety Eyes



"Safety Eyes" system consists of an "Automatic Moment Limiter", a "Boom jack interlock system", and a "Working height limiter", etc., to monitor operation. This system enables work to be performed safely.



Calculations are automatic based on loaded cargo (stability), allowing you to carry heavier loads farther when fully loaded.

Feeling Operation

The operation speed of the machine when the trigger is pulled can be increased or decreased from the standard speed.



No Load

Registering the Hook Block and Number of Parts of Line

Full Load

Every time the hook block/part line select switch on the conroll panel is pressed, the indications of the hook block and the number of parts of line change.



Optimum Lifting Performance at Any Outrigger Width

extention width of each outrigger.

Working Height Limit Function

A function to preset the upper limit of the boom height (stop position). This is quite effective in work sites where attention is required to the boom height, such as under power lines and indoors.



Safety Lamp Equipped **Centralized Control Panel**

As operation begins to approach critical levels, safety lamps begin to flash (preliminary warning). If operation continues past this point, warning lights grow more intense once the danger level reaches 100% (limit warning).

Limit warning lamp

Rated lifting capacity display

Crane strength rated lifting capacity (t) and load ratio (%) can be displayed with display switching function.

Mode display

Actual load (t) and total PTO ON time (hrs) can be displayed with display switching function.



Jack Interlock

Disables crane operation when the left or right jack is not in contact with the around.



Limit Warning Lamp

Warning light on the control panel, moment indicator in the radio controller and three-color limit warning lamp at crane post and warning alarm respectively work in tandem.



*TM-ZX1505HRS only

TM - ZX1500**HRS/HS** Cargo Crane for Large Size Vehicles

High-powered Radio Controller

Radio Controller with powerful transmitting output automatically selects a frequency free of jamming, out of as many frequencies as 40 channels, to avoid interference troubles. Note: TM-ZX1505HRS only.



Anti-two-block Function

This function stops crane operation (hoisting up, boom elevation, and boom extension) when the hook block touches the weight, and warns the operator with an alarm, to prevent the hook block from hitting the boom head

Strong Outrigger with Safety Lock

Strong 5.8 m width and powerful outriggers with box structure jacks, an easy and safe lock system together with new universal floats. The lock system is one of the advanced reliable Tadano standard safety systems. Left and right outriggers can also be exchanged with no change in functionality.





Outrigger lock pin (Both sides)

Two Powerful Elevating Cylinders

These cylinders use hydraulic, control, and processing technologies cultivated from more than 50 years of manufacturing experience, supporting greater work capacity.

Cable Follower

The cable follower prevents disorderly cable (wire rope) winding by always pressing the cable onto the winch drum and puts the wire rope at a right position.

Strong **Heptagonal Boom**

Tadano's strong and light heptagonal boom made of high tensile steel thoroughly designed and well proven for its quality, strength and smoothness, with a rigid and fine-tuned telescoping boom providing comfortable crane operation.



Big Hydraulic Tank

Big hydraulic tank with approximately 130 liter capacity.

The universal float rotates 360 degrees to fit any ground, for better stability. Large floats reduce ground pressure.



Automatic Slewing Lock System

The boom is mechanically locked securely at the boom post base to prevent the boom from accidentally slewinging out during travel.



Hook-in / out System

Tadano original hook-in system is equipped as standard and enhances work efficiency. During hook-out, the boom raises automatically to avoid hitting cargo.



Note: Hook-in of 15 ton hook block is not possible

Centralized Control Panel

On the upper section, the digital displays for the actual load and crane strength rated lifting capacity are built in. In addition, the limit warning lamp and outrigger extension status indicator lamp are provided. The control panel also displays the values of the empty chassis rated lifting capacity and the crane strength rated lifting capacity, and the working range chart. Various functional switches are compactly gathered on the lower section.



1-26/51-54



Crane strength rated lifting capacity (t) and load ratio (%) can be displayed with display switching function.



eric keypad display



Actual load (t) and total PTO ON time (hrs) can be displayed with display switching function.



Emergency Stop

Use this switch to stop the machine movement if the machine cannot be controlled during crane operation, and in an emergency. (Outrigger operation does not stop.)



On radio controlle Note: TM-ZX1505HRS only.

Spirit Level

Control levers and new centralized control panel

(on the right side of the main body)

Used to check that the machine is set horizontally in left and right directions when the outriggers are set up.



OPTIONAL EQUIPMENT Basket Mode

Optional for TM-ZX1505HRS only

Basket Mode Working Range

Working range is calculated by strict safety measures, it makes us work with safety. Note: In order to ensure safety, the crane will automatically stop when in basket mode even with alarm specification.



Basket Mode Working Range Notes:

1. The indicated working range assumes that the machine is set up on a firm and level ground, and does not include boom deflection. 2. This working range chart shows the over-side and over-rear areas. (The working range is up to "STR." when the stability is maximum. When the stability is minimum, the working range is in accordance with the outrigger extension width during work.) 3. The working range in the over-front area is smaller than the indication in the working range chart.

4. "MAX.", "MID.", and "MIN." indicate the outrigger extension widths.

5. This working range chart is an example, and the actual work range varies depending on the shape of the basket.

Mountable basket specifications



(When using optional basket mounting support)





Max. basket weight	200 kg
Max. basket loading capacity	200 kg
Max. basket arm length	1,700 mm

- The size of mounting bolt is M16x2.0, and the length should be selected so that the engagement allowance is 13 mm or more and 24 mm less
- ${\boldsymbol \cdot}$ Use bolts with a strength classification of 10.9 or equivalent and washers suitable for the bolts.
- Tightening torque: 147±8 [N · m]

Max. basket weight	200 kg
Max. basket loading capacity	200 kg
Max. basket arm length	1,500 mm



TM-ZX1500HRS/HS

Technical Specifications

TM-ZX1505HRS/HS
15,000 kg at 2.0 m (10 parts of line), 8,750 kg at 3.5 m (6 parts of line)
Fully powered partly synchronized telescoping boom of heptagonal box construction with 4 sheaves at boom head
5
5.3 m–18.5 m
13.2 m / 36 s
Elevated by two double-acting hydraulic cylinders
0° to 78° /26 s
Hydraulic motor driven spur gear speed reduction, provided with mechanical brake and cable follower
14.72 kN {1,500 kgf}
62 m/min. (at 4th layer)
10 mm x 107 m
73.5 kN {7,500 kgf}
7 x 7 + 6 x Fi (29)
9,000 kg capacity, 3 sheaves (110 kg)
Mechanically stowed beneath boom top portion
•Hydraulic motor driven worm gear speed reduction •Continuous 360°full circle slewing on ball bearing slew ring •Automatic slewing lock
1.5 min ⁻¹ {rpm}
Hydraulically operated beams and jacks integral with crane frame
Max. 5.8 m, Mid. 4.0 m, Min. 2.26 m (center to center), Max. 6.0 m, Mid. 4.2 m, Min. 2.46 m (outer to outer)
Hydraulically operated jacks
2.25 m (center to center), 2.40 m (outer to outer)
Tandem gear pump
Axial piston type for winch and slewing
Multiple control valves with integral safety valves
Approx. 130 liters
Model : RCS-F (with colored display), Control functions of telescoping, hoisting up and down, elevating,
slewing, acceleration, Hook-in, Hook-out, horn, stop operation, and working height limit.
40 frequencies in 433 MHz band
6 V DC, Dry battery R6 P (SUM–3) x 4
24 V DC, Vehicle battery
Approx. 670 g (includes batteries)
 Anti-two-block device AML (Automatic Moment Limiter) <load alarm<="" indication,="" li="" load="" moment="" ratio="" warning=""> </load>
Rated capacity indicator/limiter or Rated capacity indicator, Limit warning lamp, Outrigger length detector, Outrigger asymmetric extension width control>
•Limit waring lamp (three-color) •WHL (Working Height Limiter) •Boom angle indicator •Over unwinding prevention •Hook safety latch •Spirit level
 Jack interlock •Boom/outrigger stowing reminder alarm •Emergency stop switch
•(*1) Stop switch on radio controller •Hydraulic safety valves, check valves and holding valves
•Outrigger pads •Oil cooler •Hook block - 15,000kg capacity (110kg) and boom point additional sheave (Hook block - 5 sheaves, swivel type hook with safety latch
(*1) Basket mounting support •Maintenance valve
Approx. 5,220 kg (include rear outrigger, hydraulic oil tank and hydraulic oil except mounting parts)

Note: Each operating speeds show the value when there is no load conditions and the pump delivery is the following conditions. •36 L/min (Slewing speed)

•85 L/min (BOOM: Extending speed, Raising speed WINCH: Single line speed) *1 : TM-ZX1505HRS only.

Working Range (4 parts of line)



9

Note: The lifting heights and boom angles are based on a straight (unladen) boom, and allowance should be made for boom deflection obtained under laden conditions.

Dimensions





Rated Lifting Capacities (x1.000kg)

• 5.30	m boor	n														
	radius (n		2 0ª	nd	2	.5	3.0	3	.5	4	1.0		4.5	5	4.8	
			2.0 and 15.00				10.00	_			.50	6.60		_	6.1	
orune	Crane Strength		15.00		12.00		10.00		75		.50	6.60		_	6.1	
Empty	Extension width of	Mid.	15.0	_	_	2.00	10.00		20		.40		4.2		3.6	
Chassis	outriggers	Min.	8.0	-		.00	3.50				.05	-	1.6	_	1.35	
0 0 00	mboor		0.0	0	J.	.00	3.00	2.	00	2	.05		1.0		1.0	
	m boor		3.0 be	d	2	-	10	1 E	EC		6.0		7	7.0	0.	
Load radius (m)			6.00		<u>3.</u> 6.0	_	4.0 .50	4.5	5.0 4.7	_	6.0 4.3	_		7.0 .00	8. 3.5	
Grane	Crane Strength			_	6.0		.50	5.00	4.70		4.3			.00	2.2	
Empty width of M Chassis outriggers		Max. Mid.	6.00 6.				_				-	-	_			
		-				_	.25	4.15	3.3		2.3		_	.70	1.2	
		Min.	3.40	<u>ا</u> ر	2.5		.90	1.50	1.2	J	0.7	อ	U.	.40	0.1	
	0 m boo		o r and	4	0	4.5	5.0	0.0	70		0.0	0	~	40.0		
-	radius (n		3.5 and below		.0	4.5	5.0	6.0	7.0	_	8.0	9.	_	10.0	_	
urane	Strengt		4.10	-	10	4.10	3.90	3.50	3.20		3.00	2.8		2.60	_	
Empty	Extension	Max.	4.10	_	10	4.10	3.90	3.50	3.15	_	2.35	1.9		1.55		
Chassis	width of outriggers	Mid.	4.10	-	10	4.10	3.35	2.35	1.70	_	1.30	1.0		0.75	5 0.	
		Min.	2.50	1.	90	1.50	1.20	0.75	0.40	0).20	0.1	15	-		
	0 m boo		1.0.201		-											
-	radius (n	-		4.5	5.0	_	7.0		0.0 10	-	_	12.0		_	4.0 1	
Crane	Strengt				3.6			2.80 2.				2.00			.75 1	
Empty	Extension width of	Max.			_	0 3.30		2.35 1.		-		1.10		.95 0	_	
Chassis	outriggers	Mid.	4.00	3.80	3.3	5 2.35	1.70	1.30 1.	00 0.7	'5 C	0.55	0.45	5 0.	.35 0	.25 0	
• 18.5	i0 m boo	m														
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Chassis Tab • 5.30 Load I Crane Empty Chassis • 8.60 Load I Crane Empty Chassis • 11.9 Load	le C m boor radius (n Stren9t Extension width of outriggers m boor radius (n Stren9t Extension width of cutriggers m boor radius (n Stren9t Extension width of outriggers m boor radius (n Stren9t Extension stren9t extension outriggers m boor radius (n Stren9t Extension width of outriggers m boor radius (n Stren9t Stre	Mid. m n) h Max. Mid. Min. Mid. Min. Min. Min. Min. Min.	2.0 ₿ 15.0 15.0 15.0 10.6 3.0 ₪ 6.00 6.00 4.70 3.5 ₪	8.20 2.35 00 00 00 00 00 00 00 00 00 00 00 00 00	2.90 1.70 12 12 12 12 6. 6.0 6.0 6.0 6.0 3.5	2.35 1.30 1.30 2.00 2.00 2.00 5.00 5.00 5.00 5.00 5.0	3.0 10.00 10.00 10.00 4.80 4.0 .50 .50 .80 5.0	75 0.55 3 0 8. 0 9. 0 9.	0.45 .5 75 75 75 75 65 .77 4.77 4.77 1.8 7.0	0.35 4 7. 7. 7. 2. 0 0 0 0 0 5	4.0 .50 .50 .25 .90 6.0 4.3 3.3 1.2 8.0	0.2 0.2 0 0 0 0 0 5 5 9.	4.5 6.6 6.6 5.7 2.3 7 4 4 2.3 0	0.20 0 0 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 1 0 0 5 0 0 1 0 0 5 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0	4.8 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 1.9 3.2 3.2 1.8 0.5 0.1 1.1	
Chassis Tab • 5.30 Load I Crane Empty Chassis • 8.60 Load I Crane Empty Chassis • 11.9 Load	ile C m boor radius (n Stren9t Extension width of outriggers m boor radius (n Stren9t Extension width of outriggers m boor Stren9t Extension width of outriggers m boor outriggers 0 m boor	Mid. n) h Max. Mid. Mid. Min. Mid. Min. Min. Min. Min. h	3.35 2 2.0 8 15.0 15.0 15.0 15.0 10.6 3.0 8 6.00 6.00 6.00 6.00 6.00 4.70 4.10	8.20 9.35 9.35 90 90 90 90 90 90 90 90 90 90	2.90 1.70 12 12 12 6.0 6.0 6.0 6.0 3.5 .0 10	2.35 1.30 1.30 2.5 2.00 2.00 2.00 2.00 5 4.00 5 5 4.5 4.10	3.0 10.00 10.00 10.00 10.00 10.00 4.0 .50 .50 .80 5.0 3.90	75 0.55 75 0.55 8 0 8. 0 9. 0 9	0.45 .5 75 75 75 65 5.0 4.7 4.7 1.8 7.0 3.20	0.35 4 7. 7. 2. 0 0 0 0 0 5	4.0 .50 .50 .25 .90 6.(4.3 3.3 1.2 8.0 3.00	i 0.2 i 0.2 i 0 i 0 i 2 i 2 i 2 i 2 i 0	4.5 6.6 6.6 6.6 7 2.3 7 4. 4. 2. 0 0 30	0.20 0 0 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 0 0 0	0.50 0.18 0.18 4.8 6.1 6.1 6.1 3.2 3.2 1.8 0.18	
Chassis Tab 5.30 Load Crane Empty Chassis 8.60 Load Crane Empty Chassis 11.9 Load Crane	ile C m boor radius (n Stren9t Extension width of outriggers m boor radius (n Stren9t Extension width of outriggers 0 m boor radius (n Stren9t Extension width of outriggers 0 m boor radius (n Stren9t Extension width of stren9t Extension Stren9t Extension	Mid. n) h Max. Mid. Min. Min. Min. Min. Min. Min. Min. Min. Min. Min. Min.	2.0 8 15.0 15.0 15.0 10.6 3.0 8 6.00 6.00 6.00 4.7(3.5 8 4.10 4.10	8.20 2.35 00 00 00 00 00 00 00 00 00 00 00 00 00	2.90 1.70 12 12 12 12 6. 6.0 6.0 6.0 6.0 3.5 .0 10 10	2.35 1.30 1.30 2.5 2.00 2.00 2.00 2.00 2.00 2.00 2.00	3.0 10.00 10.00 10.00 4.80 4.0 .50 .50 .50 .50 .50 3.90 3.90	3 0 8. 0 3.50	0.45 .5 75 75 75 65 5.0 4.7 4.7 1.8 7.0 3.20 3.20	0.35 4 7. 7. 2. 0 0 0 0 0 0 0 5	4.0 .50 .25 .90 6.0 4.3 3.3 1.2 8.0 3.00	i 0.2 i 0.2 i 0 i 0 i 2 i 2 i 2 i 2 i 2 i 2 i 2	4.5 6.6 6.6 5.7 2.3 7 4. 4. 2.3 7 4. 4. 2.3 0 30 30	0.20 0 5 0 0 0 5 0 0 0 5 0 .00 .00 .00 .50 .85 10.0 2.60 2.35	4.8 6.1 6.1 6.1 6.1 9 1.9 8.1 3.2 3.2 0.5 0.1 1.1	
Chassis Tab • 5.30 Load I Crane Empty Chassis • 8.60 Load I Crane Empty Chassis • 11.9 Load	Ile C m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Extension width of outriggers 0 m boor radius (n Strengt Extension width of outriggers	Mid. m n) h Max. Mid. Min. Mid. Min. Mid. Min. Mid. Min. Mid.	3.35 2 2.0 8 15.0 15.0 15.0 10.6 3.0 8 6.00 6.00 6.00 4.70 4.10 4.10	8.20 9.35 9.35 9.0 90 90 90 90 90 90 90 90 90 9	2.90 1.70 12 12 12 12 12 6.0 6.0 6.0 6.0 6.0 3.5 .0 10 10 10	2.35 1.30 1.30 2.00 2.00 2.00 2.00 2.00 2.00 2.00 2	3.0 10.00 10.00 10.00 4.0 50 50 50 50 50 50 3.90 3.90 3.90	3 0 8. 0 8. 0 8. 1 3. 5.00 5.00 5.00 2.25 6.0 3.50 3.50 3.35	0.45 .5 75 75 75 65 5.0 4.77 4.77 1.88 7.0 3.20 3.20 2.50	0.35 4 7. 7. 7. 2. 0 0 0 0 0 5 1 3 3 3 1	4.0 .50 .50 .25 .90 6.0 4.3 3.3 1.2 8.0 3.00 3.00 1.90	0.2 0.2	4.5 6.6 6.6 5.7 2.3 7 4 4 2. 0 30 30 30 30	0.20 0 5 0 0 0 5 0 0 0 5 0 0 0 5 0 .00 .00 .00 .50 .85 10.0 2.60 2.35 1.30	0.50 0.18 4.8 6.1 6.1 4.9 1.9 8.° 3.2 1.8 0.10 1.10 2.5 1.0	
Tab 5.30 Load I Crane Empty Chassis 8.60 Crane Empty Chassis 11.9 Load I Crane Empty Chassis	le C m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Extension width of outriggers 0 m boor radius (n Strengt Extension Strengt Extension Strengt Extension Strengt Strengt	Mid. Mid.	2.0 8 15.0 15.0 15.0 10.6 3.0 8 6.00 6.00 6.00 4.7(3.5 8 4.10 4.10	8.20 9.35 9.35 9.0 90 90 90 90 90 90 90 90 90 9	2.90 1.70 12 12 12 12 6. 6.0 6.0 6.0 6.0 3.5 .0 10 10	2.35 1.30 1.30 2.5 2.00 2.00 2.00 2.00 2.00 2.00 2.00	3.0 10.00 10.00 10.00 4.80 4.0 .50 .50 .50 .50 .50 3.90 3.90	3 0 8. 0 3.50	0.45 .5 75 75 75 65 5.0 4.7 4.7 1.8 7.0 3.20 3.20	0.35 4 7. 7. 7. 2. 0 0 0 0 0 5 1 3 3 3 1	4.0 .50 .25 .90 6.0 4.3 3.3 1.2 8.0 3.00	i 0.2 i 0.2 i 0 i 0 i 2 i 2 i 2 i 2 i 2 i 2 i 2	4.5 6.6 6.6 5.7 2.3 7 4 4 2. 0 30 30 30 30	0.20 0 5 0 0 0 5 0 0 0 5 0 .00 .00 .00 .50 .85 10.0 2.60 2.35	0.50 0.18 4.8 6.1 6.1 4.9 1.9 8.° 3.2 1.8 0.10 1.10 2.5 1.0	
Tab 5.30 Load I Crane Empty Chassis 8.60 Crane Empty Chassis 11.9 Load I Crane Empty Chassis 11.9 Load I Crane Empty Chassis 1.0 Crane I.0	le C m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Extension width of outriggers 0 m boo radius (n Strengt Extension width of outriggers 0 m boo radius (n Strengt Extension width of outriggers 0 m boo radius (n Strengt Strengt Strengt Strengt Strengt	Mid. m n) h Max. Mid. Min. m n) h Max. Mid. Min. pm n) h Max. Mid.	3.35 2 2.0 15.0 15.0 15.0 15.0 10.6 3.0 3.0 6.00 6.00 6.00 6.00 6.00 6.00 4.70 4.10 4.10 4.10 3.55	3.20 2.35 2.35 00 00 00 00 00 00 00 00 00 0	2.90 1.70 1.70 1.2 12 12 12 12 12 6.0 6.0 6.0 6.0 6.0 6.0 6.0 0 3.5 .0 10 10 10 10 80	2.35 1.30 1.30 2.5 2.00 2.00 2.00 2.00 5.00 5.00 5.00	3.0 10.00 10.00 10.00 4.0 5.0 5.0 5.0 5.0 3.90 3.90 3.90 1.85	3 0 8. 0 9. 0.00 3.50 3.30 3.50 1.25 1.25	0.45 5 75 75 75 65 5.0 4.77 4.77 1.88 7.0 3.20 3.20 0.85	4 7 7 7 7 7 7 0 <t< td=""><td>4.0 .50 .25 .90 6.0 4.3 3.3 1.2 8.0 3.00 3.00 1.90 0.55</td><td>0.2 0.2 0 0 0 0 0 0 0 0 5 5 2.8 2.8 2.8 1.6 0.2</td><td>4.5 6.6 6.6 5.7 2.3 7 4. 4 2. 30 30 30 30 30 30 30 30</td><td>0.20 0 0 0 5 0 0 0 0</td><td>1.50 0.18 4.8 6.1 6.1 4.9 1.9 3.2 3.2 1.8 0.5 1.1 0.2 0.5 0.5 0.5</td></t<>	4.0 .50 .25 .90 6.0 4.3 3.3 1.2 8.0 3.00 3.00 1.90 0.55	0.2 0.2 0 0 0 0 0 0 0 0 5 5 2.8 2.8 2.8 1.6 0.2	4.5 6.6 6.6 5.7 2.3 7 4. 4 2. 30 30 30 30 30 30 30 30	0.20 0 0 0 5 0 0 0 0	1.50 0.18 4.8 6.1 6.1 4.9 1.9 3.2 3.2 1.8 0.5 1.1 0.2 0.5 0.5 0.5	
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Chassis Tab 5.300 Load Crane Empty Chassis • 8.600 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load • 11.9 Load • 11.9 Load • 11.9 Chassis • 11.9 Load • 11.9 Chassis • 11.9 Load • 11.9 Chassis • 11.9 Load • 11.9 Chassis • 11.9 • 11.9 Chassis • 11.9 •	ile C m boor radius (n Stren9t Extension width of outriggers m boor radius (n Stren9t Extension width of outriggers 0 m boor radius (n Stren9t Extension width of outriggers 0 m boor radius (n Stren9t Extension width of outriggers 0 m boor radius (n Stren9t Extension width of outriggers 0 m boor radius (n Stren9t	Mid. n) h Max. Mid. Min.	2.0 8 15.0 15.0 15.0 10.6 3.0 8 6.00 6.00 6.00 6.00 6.00 4.10 4.10 3.5 8 4.10 4.10 4.10 4.10 4.10	20 2.35 00 00 00 00 00 00 00 00 00 00 00 00 00	2.90 1.70 1.00	2.35 1.30 1.00	3.0 1.00 0.00 10.00 10.00 10.00 4.80 4.0 5.0 5.0 3.90 3.90 3.90 1.85 7.0 3.00	3 0 8. 0 8. 0 8. 1 3. 4.5 5.00 5.00 5.00 5.00 5.00 5.00 3.50 3.50 3.50 3.50 3.35 1.25 8.0	0.45 5 75 75 75 65 5.0 4.77 4.77 1.88 7.0 3.20 3.20 0.85 0.010 60 2.4	.35 4 7 7 7 7 7 0	1.0 50 50 50 .25 .90 6.0 4.3 4.3 3.3 1.2 8.0 3.00 3.00 1.90 0.55 11.0	0.2 0.2 0 0 0 0 0 0 0 0 5 5 2.8 2.8 2.8 2.8 2.8 1.6 0.4 12.0 2.00	4. £ 6.6 6.6 5.7 2.3 7 4. 4. 2.3 7 4. 4. 2.3 0 30 30 30 30 30 30 30 30 30 30 30 30	0.20 0 0 0 0 0 5 0 0 0 0	4.8 6.1 7.2 7.5 7.5	
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Chassis Tab 5.300 Load Crane Empty Chassis 0.102 Crane Empty Chassis 0.11.9 Crane Empty Chassis 0.11.9 Crane Empty Chassis 0.102 Crane Empty C	Ile C mboor radius (n Strengt Extension width of outriggers mboor radius (n Strengt Extension width of outriggers mboor radius (n Strengt Extension width of outriggers 0 mboor radius (n Strengt Extension width of outriggers 0 mboor radius (n Strengt Extension Strengt St	Mid. n) h Max. Mid. Min. m n) h Max. Mid. Min. m n) h Max. Mid. Min. m n) h Max. Mid. Min. Mid. Mid. Min. Mid.	2.0 8 15.0 15.0 15.0 15.0 10.6 3.0 8 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.0	20 2.35 2.35 00 00 00 00 00 00 00 00 00 00 00 00 00	2.90 1.70 1.00	2.35 1.30 1.00	3.0 10.00 10.00 10.00 4.80 4.0 5.0 5.0 5.0 5.0 3.90 3.90 1.85 7.0 3.00 3.00	3 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 5.00 5.00 5.00 2.25 6.0 3.50 3.50 3.35 1.25 8.0 2.80 2.280	0.45 1.5 75 75 75 65 5.0 4.77 4.77 1.8 7.0 3.20 3.20 0.85 1.0 10 0.02 4.60 2.50 0.85 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.	.35 4 7 7 7 2 0	4.0 .50 .50 .25 .90 6.0 4.3 3.3 1.2 8.0 3.00 1.90 0.55 11.0 2.20 1.90	0.2 0.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 (4. (6. 6 6. 6 6. 6 5. 7 2. 3 7 4 4 4 2 30 30 30 30 30 30 30 30 30 30 30 30 30	0.20 0 0 0 5 0 0 5 0 0 7.0 .00 .00 .00 .50 .85 1.0.0 2.60 2.35 1.30 0.30 1.30 0.30 1.30 0.30 1.3	4.8 6.1 6.1 4.9 1.9 8. 3.2 1.8 0.5 1.0 0 21 5 1.0 0 20 5 1.0 0	
Chassis Tab 5.300 Load Crane Empty Chassis 0.11.9 Crane Empty Chassis 0.12.2 Ch	Ile C m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Extension width of outriggers 0 m boor radius (n Strengt Extension width of outriggers 0 m boor radius (n Strengt Extension width of outriggers 0 m boor radius (n Strengt Extension Strengt Extension Strengt Strengt Strengt	Mid. m n) h Max. Mid. Min. m n) h Max. Mid. Min. pm n) h Max. Mid. Min. Mid.	3.35 2 2.0 8 15.0 15.0 15.0 10.6 3.0 8 6.00 6.00 6.00 6.00 6.00 6.00 6.00 4.10 4.10 3.55 4.00 4.10 3.55	20 2.35 2.35 00 00 00 00 00 00 00 00 00 00 00 00 00	2.90 1.70 1.00	2.35 1.30 1.00	3.0 10.00 10.00 10.00 4.80 4.0 5.0 5.0 5.0 5.0 3.90 3.90 1.85 7.0 3.00 3.00	3 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 5.00 5.00 5.00 2.25 6.0 3.50 3.50 3.35 1.25 8.0 2.80 2.280	0.45 1.5 75 75 75 65 5.0 4.77 4.77 1.8 7.0 3.20 3.20 0.85 1.0 10 0.02 4.60 2.50 0.85 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.	.35 4 7 7 7 2 0	4.0 .50 .50 .25 .90 6.0 4.3 3.3 1.2 8.0 3.00 1.90 0.55 11.0 2.20 1.90	0.2 0.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	22 (4. (6. 6 6. 6 6. 6 5. 7 2. 3 7 4 4 4 2 30 30 30 30 30 30 30 30 30 30 30 30 30	0.20 0 0 0 5 0 0 5 0 0 7.0 .00 .00 .00 .50 .85 1.0.0 2.60 2.35 1.30 0.30 1.30 0.30 1.30 0.30 1.3	4.8 6.1 6.1 4.9 1.9 8. 3.2 1.8 0.5 1.0 0 21 5 1.0 0 20 5 1.0 0	
Chassis Tab 5.30 Load Crane Empty Chassis 0.102 Crane Empty Crane Empty Crane	Ie C mboor radius (n Stren9t Extension width of outriggers mboor radius (n Stren9t Extension width of outriggers 0 mboor radius (n Stren9t Extension width of outriggers 0 mboor radius (n Stren9t Extension width of outriggers 0 mboor radius (n Stren9t Extension Stren9t Extension width of outriggers	Mid. m n) h Max. Mid. Min. m n) h Max. Mid. Min. Dm n) h Max. Mid. Min. Dm n) h	3.35 2 2.0 8 15.0 15.0 15.0 15.0 10.6 0.00 6.00 6.00 6.00 4.10 4.10 4.10 3.55 4.00 4.00 4.00	20 2.35 2.35 00 00 00 00 00 00 00 00 00 00 00 00 00	2.90 1.70 1.00	2.35 1.30 1.55 1.00 1.55 1	3.0 10.00 10.00 4.80 4.0 5.0 5.0 5.0 3.90 3.90 1.85 7.0 3.90 1.85 7.0 3.00 1.85	3 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 5.00 5.00 5.00 2.25 6.0 3.50 3.50 3.35 1.25 8.0 2.80 2.280	0.45 (.5 75 75 75 65 5.0 4.77 4.77 1.88 7.0 3.20 0.320 0.85 0.0 10 0.085 0.0 2.4 60 2.3 60 2.3 60 2.4 60 2.3 60 2.4 60 2.3 60 2.4 60 2.4 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	.35 4 7 7 7 7 7 2 0	1.0 .50 .25 .90 6.0 4.3 3.3 3.12 8.0 3.00 3.00 1.90 0.55 11.0 1.90 1.00	9. 2.8 2.8 1.6 0.4 12.00 1.65 0.85	4.5 6.6 6.6 5.7 2.3 7 4. 2.3 7 4. 2.3 0 30 30 30 30 30 30 30 30 30 30 30 30	0.20 0 0 0 0 0 5 0 0 0 5 0 7.0 0 .00 .00	4.8 6.1 6.1 6.1 6.1 7.9 1.9 8.32 1.8 0.18 0.18 1.9 8.32 1.8 0.10 1.9 1.9 1.9 1.10 2.5 1.0 0.11 1.0 1.10	
Chassis Tab 5.30 Load Crane Empty Chassis • 8.60 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load • 15.2 Load • 11.9 • 15.2 Load • 11.9 • 15.2 • 10.2 • 11.9 • 15.2 • 15.2	Ile C Imboor radius (n Strengt Extension width of outriggers mboor radius (n Strengt Extension width of outriggers 0 mboor radius (n Strengt Extension width of outriggers 0 mboor radius (n Strengt Extension width of outriggers 0 mboor strengt Extension width of outriggers 0 mboor strengt Extension width of outriggers 0 mboor strengt Strengt	Mid. n) h Max. Mid. Min. Min. Mid. Min. Mid. Min. Mid. Min. Mid. Min. Mid. Min. Mid. Min. Mid. Min. Mid.	3.35 2 2.0 8 15.0 15.0 15.0 10.6 3.0 8 6.00 6.00 6.00 6.00 6.00 4.70 4.10 4.10 4.10 3.55 4.00 5.55 4.00 5.55 5.	220 2.35 00 00 00 00 00 00 00 00 00 0	2.90 1.70 1.00	2.35 1.30 1.5 1.00 1.5 1.00 1.5 1.00 1.5 1.00 1.5 1.00 1.5 1.00 1.5 1.00 1.5 1.00 1.5 1.00 1.5 1.00 1.5 1.00 1.5 1.00 1.00 1.5 1.00 1	3.0 1.00 0. 10.00 10.00 10.00 10.00 4.0 50 5.0 50 5.0 3.90 3.90 3.90 3.90 3.90 3.90 3.90 3.90 3.90 9.0 10.85	3 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 1.3 3. 5.00 5.00 5.00 3.50 3.50 3.55 1.25 8.0 2.80 2. 1.90 1.	0.45 .5 75 75 65 5.0 4.77 4.77 1.8 7.0 3.20 3.20 3.20 0.85 0.85 0.85 0.010 60 2.4 60 2.4 60 2.3 61 1.2 12.0	.35 4 7 2 0	4.0 .50 .50 .25 .90 6.0 4.3 4.3 3.3 1.2 8.0 3.00 1.90 0.55 11.0 1.90 1.90 1.90	0.2 0.2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4.5 6.6 6.6 5.7 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 7 4. 2.3 7 7 4. 2.3 0 30 30 30 30 30 30 30 30 30 30 30 30	5 0 0 0 5 0 0 5 0 0 5 0 7.0 0 .00 .50 .85 1.30 1.30 1.33 0.30 1.33 1.33 1.33 1.34 1.33 1.35 1.33 1.30 1.45 1.37 1.33 1.30 1.45 1.35 1.33 1.30 1.45 1.30 1.45 1.30 1.45 1.30 1.45	4.8 6.1 6.1 6.1 6.1 7.9 8.3.2 1.8 0.110 1.9 8.3.2 1.8 0.11 0.2 5.1 0.11 0.2 5.1 0.11 0.2 5.1 0.11 0.2 5.1 0.11 0.2 5.1 0.11 0.2 5.1 0.2 5.1 0.11 1.30 1.65	
Chassis Tab 5.300 Load Crane Empty Chassis • 8.600 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load Crane Empty Chassis • 11.9 Load • 11.9 Load Crane Empty Chassis • 15.20 Crane • 15.20 ·	ile C m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Extension strengt Extension width of outriggers m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Extension width of outriggers m boor radius (n Strengt Str	Mid. n n) h Max. Mid. Min. m n) h Max. Mid.	3.35 2 2.0 # 15.0 15.0 15.0 10.6 3.0 # 6.00 6.00 6.00 6.00 4.70 3.5 # 4.10 4.10 4.10 4.10 5.5 # 4.00 5.5 # 4.00 5.5 # 5.6 # 5.	2.35 2.35 2.35 0 0 0 0 0 0 0 0 0 0 0 0 0	2.900 1.700 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000 1.0000	2.35 1.30 2.5 1.30 2.5 2.5 2.5 2.5 2.000 2.00	3.0 1.00 0. 10.00 10.00 10.00 10.00 10.00 4.0 50 50 50 50 50 3.90 3.90 3.90 1.85 7.0 3.00 2.50 9.0 10 2.50 2.50	3 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 0 8. 5.00 5.00 5.00 3.50 3.50 3.55 1.25 8.0 2.80 2. 1.90 1. 0.0 11.0.	0.45 .5 75 75 65 5.0 4.77 4.77 4.77 1.8 7.0 3.20 0.85 0.0 10 60 2.4 60 2.3 60 1.3 12.0 1.90	4 7 <t< td=""><td>1.0 .50 .25 .90 6.0 4.3 4.3 3.3 1.2 8.0 3.00 3.00 0.55 11.0 2.20 1.90 1.90 1.00 0.25</td><td>9. 2.8 2.8 1.6 0.2 1.65 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.4</td><td>22 (4.5 6.6 6.6 6.7 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 1. 5 0. 1. 1. 5 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1</td><td>5 0 0 0 5 0 0 5 0 0 5 0 7.0 .00 .00 .50 .85 10.0 2.35 1.33 0.30 1.33 1.35 1 1.35 1</td><td>4.8 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 7.2 7.5 7.0 7.0 7.2</td></t<>	1.0 .50 .25 .90 6.0 4.3 4.3 3.3 1.2 8.0 3.00 3.00 0.55 11.0 2.20 1.90 1.90 1.00 0.25	9. 2.8 2.8 1.6 0.2 1.65 0.45 0.45 0.45 0.45 0.45 0.45 0.45 0.4	22 (4.5 6.6 6.6 6.7 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 2.3 7 4. 1. 5 0. 1. 1. 5 0. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	5 0 0 0 5 0 0 5 0 0 5 0 7.0 .00 .00 .50 .85 10.0 2.35 1.33 0.30 1.33 1.35 1 1.35 1	4.8 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 6.1 7.2 7.5 7.0 7.0 7.2	

Truck mount



<Over-side, over-rear area> (Over-front area: 25% of empty chassis rated lifting capacity.)

Table B																			
• 5.30 m boom																			
Load	radius (n	n)	2.0 and below		2.5		3.0			3.5		4.0			4.5		4.87		
Crane Stren9th			15.00		12.00		10.00			8.75		7.50		6	6.60		6.10		
	Max.	15.0		12	.00	10.	00		8.7	5	7	.50	6	6.60		6	6.10		
Empty	Extension width of	Mid.	15.0			.00	10.00		_	8.55		6.45		_	5.10		4.35		
Chassis outriggers		Min.	9.4			95			-	3.1			.45	-	1.95			1.65	
• 8.60	• 8.60 m boom																		
Load	radius (n	n)	3.0 and below		3.5		4.0	·	4.5		5.0)	6.	0) 7.0			8.17	
Crane	Stren9t	h					5.50	5	5.00)	4.7	0	4.3	30	4	.00			
	Extension	Max.	6.0	0	6.0	0 5	5.50	5	5.00)	4.7	0	4.3	30	3	.85		2.85	
Empty	width of	Mid.	6.0	0	6.0	0 5	5.50	5	5.00)	4.1	0	2.9	90	2	.15	-	1.50	
Chassis	outriggers	Min.	4.1	0	3.0	5 2	2.40	1	.90	5	1.5	0	1.0	00	0	.65	1	0.35	
• 11.9	0 m boo	m																	
Load	radius (n	n)	3.5 and	w 4	.0	4.5	5.0)	6.0)	7.0		8.0	9.	0	10	.0	11.47	
Crane	Strengt	h	4.10	4.	.10	4.10	3.9	0	3.5	0	3.20) (3.00	2.8	80	2.6	60	2.30	
E	Extension	Max.	4.10	4.	.10	4.10	3.9	0	3.5	0	3.20	1	2.90	2.4	5	2.0	00	1.50	
Empty Chassis	width of	Mid.	4.10	4.	.10	4.10	3.9	0	2.9	0	2.15	; -	1.55	1.2	25	1.0	00	0.75	
	outriggers	Min.	3.05	2	.40	1.90	1.5	0	1.0	0	0.65	i (0.35	0.2	25	0.1	15	-	
• 15.2	0 m boo																		
Load	radius (n	n)	4.0 ^{and}	4.5	5.0				3.0	9.0) 14.77	
Crane	Strengt	h														.85	1.7	5 1.65	
Empty	Extension width of	Max.	4.00	3.80	3.6	0 3.3	0 3.0	0 2.	.80	2.4	5 2.0	00	1.65	1.30	1.	.15	1.0	5 1.00	
Chassis	outriggers	Mid.	4.00	3.80	3.6	0 2.9	0 2.1	5 1.	55	1.2	5 1.0	00	0.80	0.65	0.	.55	0.4	5 0.43	
• 18.5	i0 m boo	m																	
	radius (n	/		6.0	7.0	8.0												0 18.07	
Crane	Strengt																	5 1.20	
Empty	Extension width of	Max.																5 0.70	
Chassis	outriggers	Mid.	3.45	2.90	2.15	1.55	1.25	1.00	0.0	30 0).65	0.5	5 0.4	5 0.4	00	0.35	0.3	0 0.25	
Notes: 1. Rated capacity indicator issues warning with the limit warning lamp and the buzzer when the working state approaches the stability limit or the strength limit. 2. When the AML is equipped with the rated capacity limiter, an operation stops automatically if the rated lifting																			
capa 3. When the g 4. When	city is exceed the crane is round. (If tire the crane is	ded. front r deforr front r	nounte nation nounte	d, set is larg d, set	up the le, AM up the	e front L may e rear c	outrigg activate outrigge	ers s e ear	o tha	at the	e fron	t wh	eels a	re slig	htly	in co	ontac	t with	
5. Empt	vheels suffici y Chassis Ra value have be	ted Ca	apacitie	s in th	nese ta	ables d	epend		ondit	tion t	hat cr	ane	is set	level	on f	irm le	evel ç	ground.	

Empty Chassis Rated Capacities in these tables depend on condition that crane is set level on firm level ground.
 This value includes the mass of lifting devices such as hook block (110 kg).
 This value includes the mass of lifting devices such as hook block (110 kg).
 This load radius shows actual load radius which includes born deflection.
 Rated lifting capacity is in consideration of the loading on the truck bed, and is within the range from the empty chassis rated lifting capacity to the crane strength rated lifting capacity.
 If the boom length.
 If the boom length.
 If an operation that exceeds 6,000 kg is performed, change the number of parts of line. If an operation that exceeds 9,000 kg is performed, change the number of parts of line. If an operation that exceeds 9,000 kg is performed, change the number of parts of line. For details, refer to the operation manual.

Number of part line 4 6 10 Maximum of load 6,000 kg 9,000 kg 15,000 kg

*3 : From the front axle to the farthest rear axle. *4 : Chassis front axle weight (excluding crane and mounting parts mass).



Rear outrigger

(mm)



Note: Some specifications are subject to change