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.

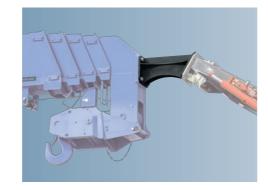
Basket Mounting Support

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.



Tadano Ltd.

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TM-ZX1500HRS/HS





"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





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.

**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.



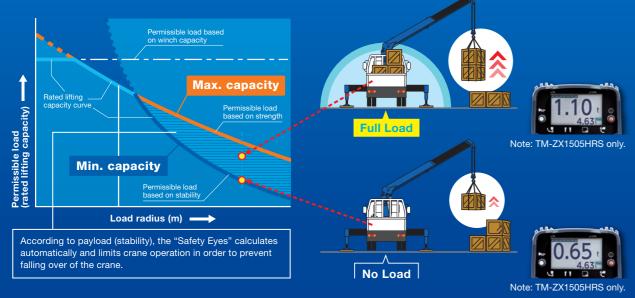


Safety Eyes



"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.



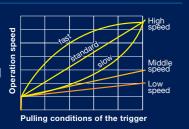
Carry Heavier Loads When Close

Carry Loads Farther When Light



Feeling Operation

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



Registering the Hook Block and Number of Parts of Line

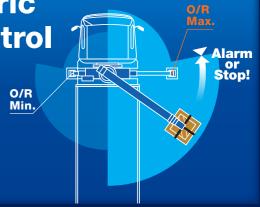
Every time the hook block/part line select switch on the conroll panel is pressed, the indications of the hook block and the number of parts of line change.

K

Outriggers Asymmetric Extension Width Control

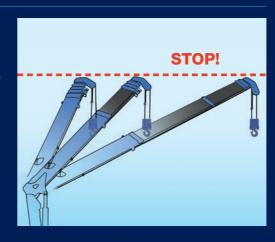
Optimum Lifting Performance at Any Outrigger Width

Constantly monitors slewing angle and difference in outrigger extension widths. Crane motion is controlled according to the 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.



Jack Interlock

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



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).

See p. 7

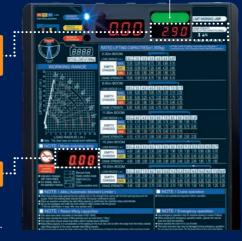


Rated lifting capacity display

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.



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

3

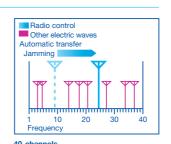
TM-ZX1500

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.



Automatic Slewing Lock System

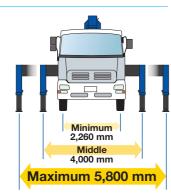
The boom is mechanically locked securely at the boom post base to prevent the boom from accidentally slewinging out during travel.



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)

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

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.

TM-221500 0



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

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.

Tiltable Front Outrigger Jack Float

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





















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.



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.



Hour meter

operating hours as a guide for the maintenance timing.





Control levers and new centralized control panel (on the right side of the main body)

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 machine

On radio controlle

Note: TM-ZX1505HRS only.

Spirit Level

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



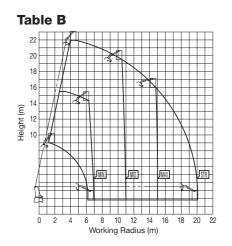
OPTIONAL EQUIPMENT Basket Mode

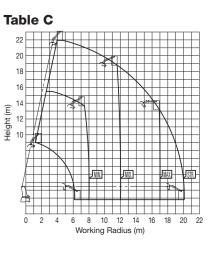


Basket Mode Working Range

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.

Table A

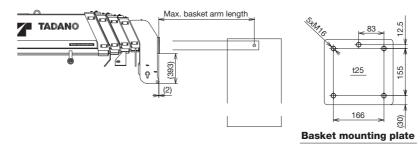




Basket Mode Working Range Notes:

- 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.

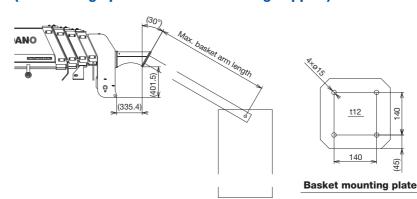
Mountable basket specifications



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
- ${}^{\textstyle \bullet}$ Use bolts with a strength classification of 10.9 or equivalent and washers suitable for the bolts.
- Tightening torque : 147±8 [N m]

(When using optional basket mounting support)



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

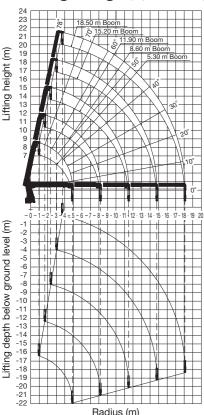
TM-ZX1500HRS/HS

Technical Specifications

i ecnnicai Specii	ications
Model	TM-ZX1505HRS/HS
CRANE CAPACITY	15,000 kg at 2.0 m (10 parts of line), 8,750 kg at 3.5 m (6 parts of line)
BOOM	Fully powered partly synchronized telescoping boom of heptagonal box construction with 4 sheaves at boom head.
Sections	5
Length	5.3 m-18.5 m
Extension speed	13.2 m / 36 s
Elevation	Elevated by two double-acting hydraulic cylinders.
Elevating range/speed	0° to 78° /26 s
Max. lifting height*	Approx. 20 m*
Max. load radius*	18.08 m*
WINCH	Hydraulic motor driven. Spur gear speed reduction, provided with mechanical brake and cable follower.
Max. single line pull	14.72 kN {1,500 kgf}
Max. single line speed	62 m/min. (at 4th layer)
Wire rope (Diameter x length)	10 mm x 107 m
Wire rope (Breaking strength)	73.5 kN {7,500 kgf}
Wire rope (Construction)	7 x 7 + 6 x Fi (29)
Hook block	9,000 kg capacity, 3 sheaves (110 kg)
HOOK STOWING DEVICE	Mechanically stowed beneath boom top portion
SLEWING	Hydraulic motor driven. Worm gear speed reduction. Continuous 360° full circle slewing on ball bearing slew ring, Automatic slewing lock.
Slewing speed	1.5 min ⁻¹ {rpm}
OUTRIGGERS	Hydraulically operated beams and jacks, Integral with crane frame.
Extended width	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)
REAR OUTRIGGERS	Hydraulically operated jacks.
Width	2.25 m (center to center)
HYDRAULIC SYSTEM	
Hydraulic pump	Tandem gear pump.
Hydraulic motors	Axial piston type for winch and slewing.
Control valves	Multiple control valves with integral safety valves.
Oil tank capacity	Approx. 130 liters
RADIO CONTROLLER**	Model: RCS-F (with colored display), Control functions of boom telescoping, Hoisting up and down, Boom elevating, Slewing,
HADIO CONTROLLER	Acceleration, Speed mode selection, Working height limiting, Hook in, Hook out, Horn and emergency stop, Basket mode
Frequency	40 frequencies in 433 MHz band
Operating power supply	
Transmitter	6 V DC, Dry battery R6 P (SUM-3) x 4
Control unit	24 V DC, Vehicle battery
Transmitter mass	Approx. 674 g (includes batteries)
	•AML (Automatic Moment Limiter) (Load indication, Load moment ratio to rated load indication, Warning alarm, Over load limiter (alarm/stop)(safety eyes),
	Limit warning lamp, Limit warning lamps (three-color), Outrigger length detector, Outrigger asymmetric extension width control
STANDARD SAFETY DEVICES	 ◆WHL (Working Height Limiter) ◆Emergency stop switch on radio controller** ◆Emergency stop switch ◆Anti-two-block device
	 Hook safety latch ∘Hydraulic safety valves, check valves and holding valves
	 Boom angle indicator ◆Level gauge ◆Rear outriggers (outrigger beam non-extension type)
OPTIONAL EQUIPMENT	Hook block-15,000 kg capacity (110 kg) and boom point additional sheave (Hook block: 5 sheaves, swivel type hook with safety latch),
OF HONAL EQUIPMENT	Oil cooler, Basket mounting support**
CRANE MASS	Approx. 5,200 kg (include rear outrigger, hydraulic oil tank and hydraulic oil except mounting parts)
SUITABLE TRUCKS	Gross vehicle weight (including crane mass) 25,000 kg min.

Note: Operating speeds of the crane are guaranteed under the condition that the pump delivery is 85 L/ min. *Boom deflection, and subsequent radius and boom angle change must be accounted for when applying load to hook.

Working Range (4 parts of line)



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.

Rated Lifting Capacities (x1,000kg)

● 5.30 m boom Load radius (m) 2.0 and 2.5 3.0 3.5 4.0 4.5 4.87 Crane Stren9th 15.00 12.00 10.00 8.75 7.50 6.60 6.10 Empty Chassis Width of Outriggers Min. 8.00 12.00 10.00 8.75 7.50 6.60 6.10 Min. 8.00 5.00 3.50 2.65 2.05 1.60 1.35 ● 8.60 m boom Load radius (m) 3.0 advantage 3.5 delay 4.0 delay 4.5 delay 5.0 delay 6.0 delay 7.0 delay 8.17 delay Crane Strength 6.00 delay 6.00 delay 5.50 delay 4.70 delay 4.30 delay 4.00 delay 3.55 delay Min. 3.40 2.50 1.90 1.50 1.20 0.75 0.40 0.15 • 11.90 m boom Load radius (m) 3.5 % 4.0 4.5 5.0 6.0 7.0 8.0 9.0 10.0 11.47 Crane Strength 4.10 4.10 4.10 3.90 3.50 3.20 3.00 2.80 2.60 2.30 Empty Chassis | Extension width of outriggers | Max. | 4.10 | 4.10 | 4.10 | 3.90 | 3.50 | 3.15 | 2.35 | 1.90 | 1.55 | 1.15 | 4.10 | 4.10 | 4.10 | 4.10 | 3.35 | 2.35 | 1.70 | 1.30 | 1.00 | 0.75 | 0.45 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 | 4.1 • 15.20 m boom Load radius (m) 40 (30) 4.5 | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 14.77 | Crane Strength 4.00 | 3.80 | 3.60 | 3.30 | 3.00 | 2.80 | 2.60 | 2.40 | 2.20 | 2.00 | 1.85 | 1.75 | 1.65

Strengti	П	4.00	0.00	3.00	0.0	J 3.0	0 2.0	50 2	.00	2.40	2.20	2.00	1.00	1.75	1.00
Extension	Max.	4.00	3.80	3.60	3.30	0.8	0 2.3	35 1	.90	1.55	1.30	1.10	0.95	0.80	0.70
outriggers	Mid.	4.00	3.80	3.35	2.3	5 1.7	0 1.3	30 1	.00	0.75	0.55	0.45	0.35	0.25	0.22
0 m boo	m														
radius (n	n)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.	0 14.0	0 15.0	16.0	17.0	18.07
Stren9t	h	3.45	3.20	2.90	2.70	2.50	2.30	2.10	1.90	1.7	0 1.5	5 1.45	1.35	1.25	1.20
	Max.	3.45	3.20	2.90	2.35	1.90	1.55	1.30	1.10	0.9	5 0.8	0.70	0.60	0.50	0.45
outriggers	Mid.	3.35	2.35	1.70	1.30	1.00	0.75	0.55	0.4	5 0.3	5 0.2	5 0.22	0.20	0.18	0.15
	Extension width of outriggers 60 m boo radius (n Strengti Extension width of	width of outriggers Mid. 60 m boom radius (m) Stren9th Extension Max.	Extension Max. 4.00 width of outriggers Mid. 4.00 00 m boom radius (m) 5.0 m/d 5.0 m/d	Extension Max. 4.00 3.80 width of outriggers Mid. 4.00 3.80 Mid. 4.00 3.80 O m boom radius (m) 5.0	Extension width of outriguers Max. 4.00 3.80 3.60 3.50 0.00 Mid. 4.00 3.80 3.35 0.00 Mobility 0.00	Extension Max 4.00 3.80 3.60 3.30 0.00 3.00 0.3	Extension Max. 4.00 3.80 3.60 3.30 3.0 duringgers Mid. 4.00 3.80 3.35 2.35 1.7 do m boom radius (m) 50 250 6.0 7.0 8.0 9.0 Strength 3.45 3.20 2.90 2.70 2.50 Extension Max. 3.45 3.20 2.90 2.35 1.90	Extension Max. 4.00 3.80 3.60 3.30 3.00 2.3 0.01 0.0	Extension Max. 4.00 3.80 3.60 3.30 3.00 2.35 1.70 1.30 1.00 m model model	Extension Max 4.00 3.80 3.60 3.30 3.00 2.35 1.90	Extension Max 4.00 3.80 3.60 3.30 3.00 2.35 1.90 1.55	Extension Max. 4.00 3.80 3.60 3.30 3.00 2.35 1.90 1.55 1.30 0.0triggers Mid. 4.00 3.80 3.35 2.35 1.70 1.30 1.00 0.75 0.55 0 m boom 7adius (m) 5.0	Extension Max 4.00 3.80 3.60 3.30 3.00 2.35 1.90 1.55 1.30 1.10 outriggers Mid. 4.00 3.80 3.35 2.35 1.70 1.30 1.00 0.75 0.55 0.45 O m boom radius (m) 50 50 50 50 50 50 50 5	Extension Max. 4.00 3.80 3.60 3.30 3.00 2.35 1.90 1.55 1.30 1.10 0.95	Extension width of our of width of our official states Extension width of soluting Max. 4.00 3.80 3.60 3.30 3.00 2.35 1.90 1.55 1.30 1.10 0.95 0.80 0.25 0.00 0.00 0.75 0.55 0.45 0.35 0.25

Tab	ie C													
● 5.30	m boor	n												
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)	10.0	00	8.75		7	.50	(6.60	6.10
	Extension	Мах.	15.00	12.00)	10.0	00	8.7	75	7	.50	(6.60	6.10
Empty	width of outriggers	Mid.	15.00	12.00) [–]	10.0	00	8.	75	7.25		5.75		4.95
U1103515	outriggers	Min.	10.60	6.75		4.8	0 3.		65	2	.90	1	2.30	1.95
● 8.60) m boor	n												
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	6.00	6.00	6.00 5.		5.00		4.70		4.30		4.00	3.55
_	Extension	Max.	6.00	6.00	Ę	5.50	5.	.00	4.7	0	4.30)	4.00	3.25
Empty Chassis	width of outriggers	Mid.	6.00	6.00	5	5.50	5.	.00	4.7	0	3.35	5	2.50	1.85
	outriggers	Min.	4.70	3.55	2	2.80	2.	25	1.8	35	1.25	5	0.85	0.55
11.9	0 m hoc	m												

U 11.9	שטע ווו שט	1111										
Load i	radius (n	n)	3.5 and below	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.47
Crane	Stren9t	h	4.10	4.10	4.10	3.90	3.50	3.20	3.00	2.80	2.60	2.30
F	LATORISION		4.10									
Empty Chassis		Mid.	4.10	4.10	4.10	3.90	3.35	2.50	1.90	1.60	1.30	0.95
		Min.	3.55	2.80	2.25	1.85	1.25	0.85	0.55	0.40	0.30	-
■ 15 20 m hoom												

• IU.L	0 111 000	,,,,													
Load r	4.0 and below	4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	14.77		
Crane	Stren9t	h	4.00	3.80	3.60	3.30	3.00	2.80	2.60	2.40	2.20	2.00	1.85	1.75	1.65
Empty	Extension width of	Max.	4.00	3.80	3.60	3.30	3.00	2.80	2.60	2.35	1.90	1.65	1.45	1.30	1.20
Chassis	outriggers	Mid.	4.00	3.80	3.60	3.30	2.50	1.90	1.60	1.30	1.00	0.85	0.75	0.65	0.60

● 10.5	יטט ווו טטט	,,,,,														
Load	radius (n	n)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.07
	Stren9t					2.70										
Empty	Extension width of	Max.	3.45	3.20	2.90	2.70	2.50	2.30	1.90	1.65	1.45	1.30	1.15	1.10	1.00	0.90
Chassis	outriggers	Mid.	3.45	3.20	2.50	1.90	1.60	1.30	1.00	0.85	0.75	0.65	0.55	0.50	0.45	0.40

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

			,							,						
Tab	le B															
• 5.30	m boor	n														
Load	radius (n	n)	2.0 an	d low	2.5		3.0)	3.	.5	4.0)	4	4.5		4.87
Crane	Stren9t	h	15.00) .	12.0	0	10.0	0	8.	75	7.5	0	6	6.60)	6.10
	Extension	Max.	15.00) .	12.0	0	10.0	00	8.	75	7.5	0	6	6.60)	6.10
Empty	width of	Mid.	15.00	5.00 12.00		0	10.0	00	8.	55	6.4	5	5	.10)	4.35
Criassis	outriggers	Min.	9.45		5.95	5	4.20	0	3.	15	2.4	5	1	.95	5	1.65
● 8.60	m boor	n														
Loadı	radius (n	n)	3.0 and belo	w S	3.5		4.0	4	1.5	5.0		6.0)	7.	.0	8.17
Crane	Stren9t	h	6.00	6	.00	5	.50	5	.00	4.70) (4.3	0	4.0	00	3.55
	Extension	Max.	6.00	6	.00	5	.50	5	.00	4.70) (4.3	0	3.8	85	2.85
Empty	width of outriggers	Mid.	6.00	6	.00	5	.50	5	.00	4.10) :	2.9	0	2.	15	1.50
Gilassis	outriggers	Min.	4.10	3	.05	2	.40	1.	.90	1.50)	1.0	0	0.0	65	0.35
11.9	0 m boo	m														
Load i	radius (n	n)	3.5 and below	4.0	4	.5	5.0	Т	6.0	7.0	8.	0	9.0)	10.0	11.4
Crane	Strengt	h	4.10	4.10) 4.	.10	3.90) 3	3.50	3.20	3.0	00	2.8	0	2.60	2.30
	Extension	Max.	4.10	4.10) 4.	.10	3.90) (3.50	3.20	2.9	90	2.4	5	2.00	1.50
Empty Chassis	width of	Mid.	4.10	4.10) 4.	.10	3.90) 2	2.90	2.15	1.5	55	1.2	5	1.00	0.7
	outriggers	Min.	3.05	2.4	1.	.90	1.50) [1.00	0.65	0.3	35	0.2	5	0.15	-

● 15.20 m boom Load radius (m) 4.0 Crane Strength 4.00 3.80 3.60 3.30 3.00 2.80 2.60 2.40 2.20 2.00 1.85 1.75 1.65
 Empty width of Chassis
 Extension width of outriggers
 Max. 4.00
 3.80
 3.60
 3.30
 3.00
 2.80
 2.45
 2.00
 1.65
 1.30
 1.15
 1.05
 1.05
 1.00

● 18.50 m boom Load radius (m) 5.0 | 6.0 | 7.0 | 8.0 | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 |
 Crane Stren9th
 3.45
 3.20
 2.90
 2.70
 2.50
 2.30
 2.10
 1.90
 1.70
 1.55
 1.45
 1.35
 1.25
 1.25
 1.20

 Empty Extension Width of Width of Max
 3.45
 3.20
 2.90
 2.70
 2.45
 2.00
 1.65
 1.30
 1.15
 1.05
 0.95
 0.85
 0.75
 0.70
 triggers Mid. 3.45 2.90 2.15 1.55 1.25 1.00 0.80 0.65 0.55 0.45 0.40 0.35 0.30 0.25

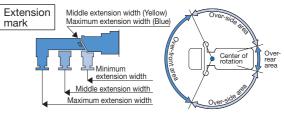
- 1. When the working state approaches the stability limit or the strength limit, warns with the limit warning lamp and the buzzer. When the working state reaches the limit, the buzzer continues to sound.
- 2. When the operation exceeding the rated lifting capacity is performed, the operation stops automatically.
- 3. Set up the outriggers and make the front wheels in slight contact with the ground. (If the tire deformation is large, AML may operate early.)
- 4. This value have been calculated on the basis of ISO 15442.
- 5. This value includes the mass of lifting devices such as hook block (110 kg).
- 6. This load radius shows actual load radius which includes boom deflection.
- 7. 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.
- 8. If the boom length exceeds the table value even a little, the performance is limited to the performance of the next boom length. 9. 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 hook block also to the optional 15,000 kg hook block. For details, refer to the operation manual. 10. Empty Chassis Rated Capacities table A, B, and C depend on the types of chassis
- 11. Empty Chassis Rated Capacities are shown for over-side areas and over-rear area, These capacities for over-front area may be lowered depending on the types of chassis

(The following table shows guidelines for bodywork vehicles that can achieve the rated lifting capacities tables A, B, and C. Be sure to carry out a stability inspection to determine which performance to apply.)

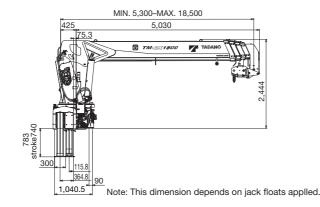
Α	WB: 5000 mm over, GVW: 25 t over, CAWf (*1): 3.0 t over
В	WB: 5000 mm over, GVW: 30 t over, CAWf (*1): 4.0 t over
С	WB: 5000 mm over, GVW: 30 t over, CAWf (*1):5.0 t over

*1 Chassis front axle weight (excluding crane mass)

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

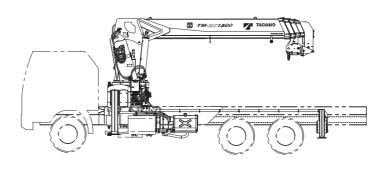


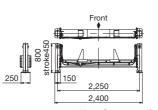
Dimensions



Truck mount Rear outrigger

mark





Note: Some specifications are subject to change

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^{**}TM-ZX1505HRS only.