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TADANO

TRUCK LOADER CRANE

TM-ZE360/300 Series

TM-ZE363HRB
TM-ZE364HRB
TM-ZE365HRB
TM-ZE366HRB
TM-ZE303HRB
TM-ZE304HRB
TM-ZE305HRB
TM-ZE306HRB

TADANO

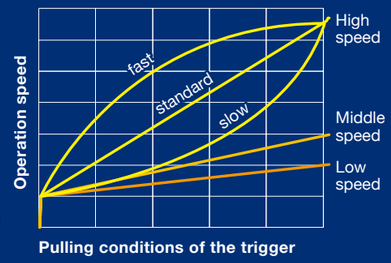
2024-06

Tadano QUALITY:
advanced safety and power in a single package

**The TM-ZE360/300HRB is a more powerful crane that comes with the sophisticated, high-quality Eyes system as standard equipment.
It delivers greater safety and peace of mind.**

Feeling Operation

The operation speed of the machine when the trigger is pulled can be increased or decreased from the standard speed.
(High speed mode only)



TM-ZE360/300HRB

Radio Controller with Color LCD* Display *Liquid Crystal Display

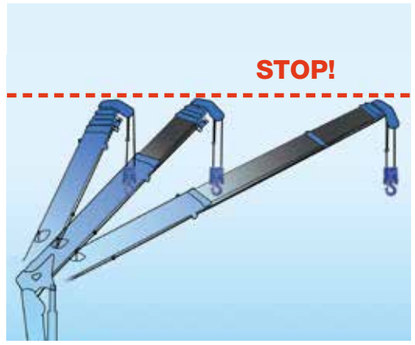
A radio controller for remotely operating the crane is provided as standard.
In addition to displaying the actual load, rated load, and moment load ratio, it also features a large-screen and power-saving color LCD display, has a feature that can customize speed adjustment for various operations, and has an emergency stop function.
The "load weight" function makes it possible to check the work progress and the load weight on the vehicle, and also prevents overloading. These features contribute not only to the safety of crane work, but also to the safety of the vehicle when it is traveling.

**The IP rating indicates waterproofness and dust protection as defined in IEC 60529. An IP66K rating indicates an exceptional level of waterproofness and dust protection ensuring peace of mind.

WATER-PROOFNESS [IP66K]**

Working Height Limit Function

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



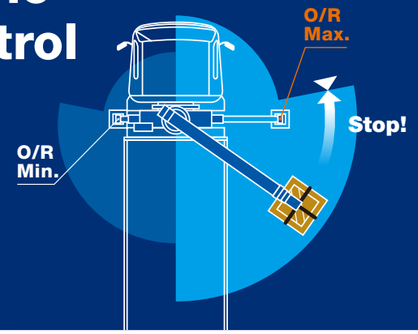
Jack Interlock

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

Outriggers Asymmetric Extension Width Control

Optimum Lifting Performance at Any Outrigger Width

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



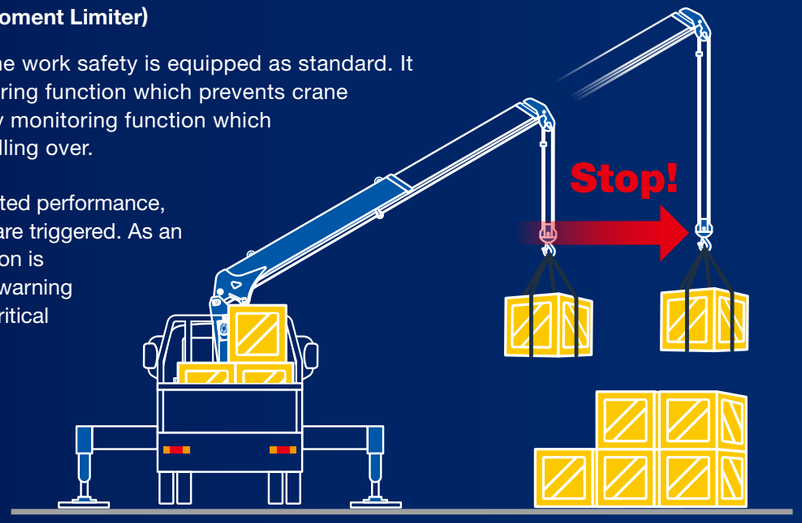
TM-ZE360/300HRB

Cargo Crane for Medium Size Vehicles

AML (Automatic Moment Limiter)

An AML that monitors crane work safety is equipped as standard. It includes a strength monitoring function which prevents crane overloading, and a stability monitoring function which prevents the crane from falling over.

As the crane approaches rated performance, warning alarms and lamps are triggered. As an extra level of safety, operation is automatically stopped and warning alarms are triggered once critical parameters are reached.



Centralized Control Panel
Equipped with Safety Lamp

The lifting chart and switches for crane operation are grouped on both sides of the control panel, and warning lights are installed at the top of the panel.

Limit warning lamp

Outrigger extension state

Indicator lamp displays the outrigger extension width.

Mode indicator

Displays the actual load, height limit value, error code, etc.

Limit Warning Lamps

The warning lights on the control panel, moment indicator in the radio controller, three-color limit warning lamp on the crane post, and warning alarm function interlinked with one another.

*Actual specifications may differ.

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Hook-in/out System

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

Anti-two-block Function

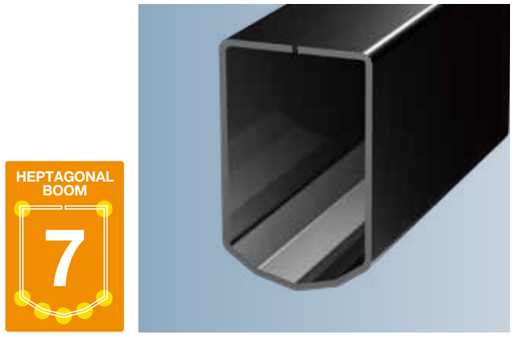
This function stops crane operation (hoisting up, boom elevation, and boom extension) when the hook block touches the weight, and warns the operator with an alarm, to prevent the hook block from hitting the boom head.

TM-ZE360/300HRB

Cargo Crane for Medium Size Vehicles

Powerful Heptagonal Boom

Tadano's unique heptagonal boom is made of high-tensile steel. The boom structure consists of a single piece of steel plate steel plate for lower boom weight and more powerful lifting capacity.
Special valves enable smooth boom extension and retraction for smoother operation to reduce shock when telescoping the boom.
The cables and sheaves are all internal - for a clean, clutter-free appearance.



*Actual specifications may differ.

Emergency Stop

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

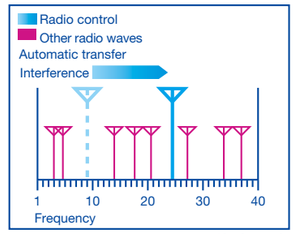
On radio controller

Automatic Slewing Lock System

This system prevents accidental boom slewing when no slewing operation takes place.

High-powered Radio Controller

Radio Controller with powerful transmitting output automatically selects a frequency free of interference out of as many as 40 channels to avoid trouble caused by interference.



40-channels

Cable Follower

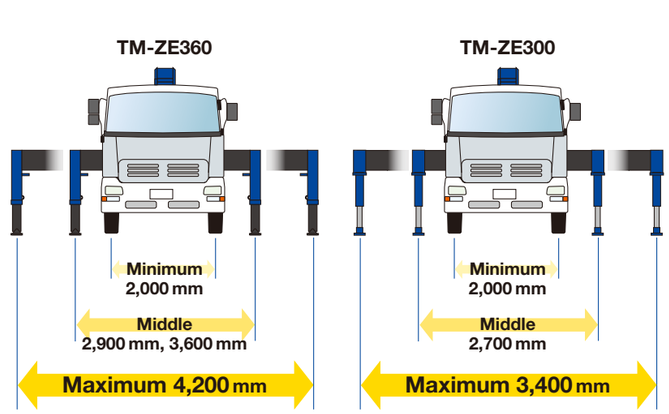
The cable follower prevents disorderly cable (wire rope) winding by always pressing the cable onto the winch drum, and keeps the wire rope in the right position.

Broader Outrigger Width

The employment of a parabox-type outriggers enables the outriggers to secure a four-stage extension width up to a maximum of 4.2 m for TM-ZE360HRB and a monobox-type outriggers enable the outriggers to secure a three-stage extension width up to a maximum of 3.4 m for TM-ZE300HRB, substantially enhancing crane performance.

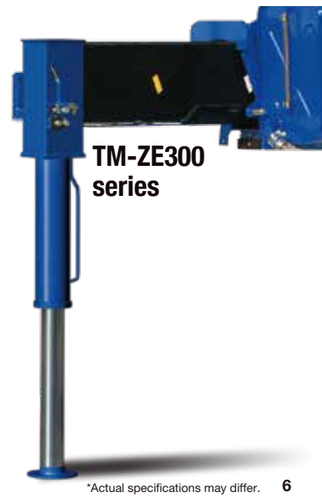
Lock System

Spirit Level



Outrigger Mechanism for Quicker Work

The outrigger sliders can be easily operated, using a grip to lock or release and extend or retract them.
To further ensure safety, A lock system also prevents the outriggers from extending during driving vehicle travel.



*Actual specifications may differ.

TM-ZE360HRB series

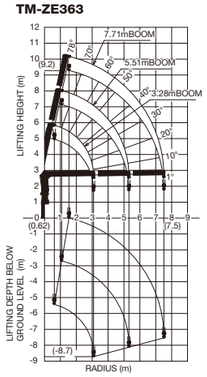
Technical Specifications

Model	TM-ZE363HRB	TM-ZE364HRB	TM-ZE365HRB	TM-ZE366HRB
CRANE CAPACITY	3,030 kg at 2.7 m (4-part lines)	3,030 kg at 2.6 m (4-part lines)	3,030 kg at 2.4 m (4-part lines)	3,030 kg at 2.4 m (4-part lines)
BOOM	Three-sectioned, fully hydraulic telescoping boom of heptagonal box construction	Four-sectioned, fully powered partly synchronized telescoping boom of heptagonal box construction	Five-sectioned, fully powered partly synchronized telescoping boom of heptagonal box construction	Six-sectioned, fully powered partly synchronized telescoping boom of heptagonal box construction
Retracted length	3.28 m	3.34 m	3.52 m	3.65 m
Extended length	7.71 m	10.0 m	12.3 m	14.6 m
Extending speed	4.43 m in 12 s	6.66 m in 14 s	8.78 m in 18 s	10.95 m in 19 s
Elevation	Elevated by a double-acting hydraulic cylinder			
Raising speed	1° to 78° in 7.5 s			
Boom point	2 sheaves			
WINCH	Hydraulic motor driven spur gear speed reduction, provided with mechanical brake and cable follower.			
Single line pull	7.45 kN {760 kgf}			
Single line speed	76 m/min (at 4th layer)			
Wire rope (Diameter x length)	8 mm x 51 m	8 mm x 63 m	8 mm x 74 m	8 mm x 85 m
Wire rope (Breaking strength)	43.1 kN {4.39 tf}			
Wire rope (Construction)	7 x 7 + 6 x WS (26)			
Hook block	2 sheaves			
HOOK BLOCK STOWING DEVICE	Hook-in (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	2.5 min^{-1} {rpm}			
OUTRIGGERS	Manually operated beams and hydraulically operated jacks integral with crane frame.			
Extension width	Min. 2,000 mm center to center(2,150 mm outer to outer), Mid. 2,900 mm center to center(3,050 mm outer to outer), Mid. 3,600 mm center to center(3,750 mm outer to outer), Max. 4,200 mm center to center(4,350 mm outer to outer)			
HYDRAULIC SYSTEM				
Hydraulic pump	Single gear pump			
Hydraulic motors	Axial piston type for winch. Axial piston type for slewing.			
Control valves	Multiple control valves with integral safety valve			
Oil tank capacity	Approx. 41.1 L			
RADIO CONTROLLER	Model : RCS-F (with colored display), Control functions of telescoping, hoisting up and down, elevating, slewing, acceleration, Hook-in, Hook-out, horn, stop operation, outrigger operation and working height limit.			
Frequency	40 frequencies in 433 MHz band			
Operating power supply				
Transmitter	6V DC, Dry battery R6P (SUM-3) x 4			
Control unit	24V DC, Vehicle battery			
Transmitter mass	Approx. 670 g (includes batteries)			
SAFETY DEVICES	•Anti-two-block-device •AML (Automatic Moment Limiter) <Load indication, Load moment ratio indication, Warning alarm, Rated capacity indicator/limiter, Limit warning lamp, Outrigger length detector, Outrigger asymmetric extension width control> •WHL (Working Height Limiter) •Boom angle indicator •Load indicator •Load meter •Over-unwinding prevention •Hook safety latch •Spirit level •Jack interlock •Stop switch on radio controller •Hydraulic safety valves, check valves and holding valves •Limit warning lamp (three-color) •Emergency stop switch •Boom outrigger stowed warning •Rear outrigger extension width detection			
OPTIONAL EQUIPMENT	•Emergency hydraulic pump •Outrigger pads •Oil cooler •Rear outriggers (outrigger beam extension type)			
CRANE MASS	Approx. 1,180 kg (Except crane options and mounting parts.)	Approx. 1,270 kg (Except crane options and munting parts.)	Approx. 1,390 kg (Except crane options and munting parts.)	Approx. 1,450 kg (Except crane options and mounting parts.)

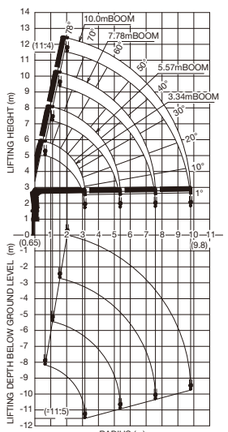
Note: Each operating speeds show the value when there is no load conditions and the pump delivery is the following conditions.
- 36 L/min (Slewing speed)
- 60 L/min (•BOOM: Extending speed, Raising speed •WINCH: Single line speed)

Working Range

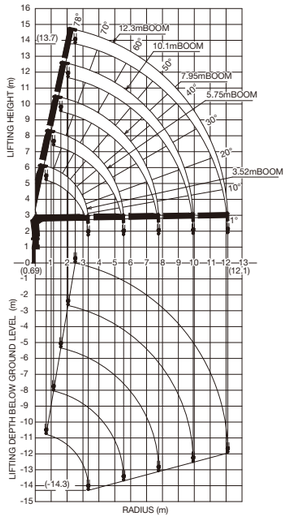
TM-ZE363



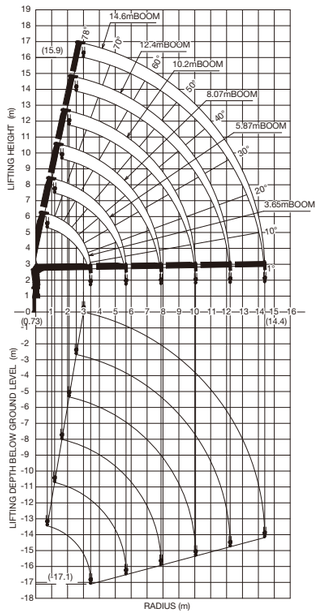
TM-ZE364



TM-ZE365



TM-ZE366



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

*Actual specifications may differ.

Rated Lifting Capacities

Table A

TM-ZE363HRB

● 3.28 m / 5.51 m Boom

LOAD RADIUS (m)	2.4 and below	2.7	3.0	3.5	4.0	4.5	5.0	5.3
CRANE STRENGTH	3,030	3,030	2,580	2,180	1,880	1,680	1,480	1,380
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	3,030	2,580	2,080	1,600	1,330	1,100	1,000
EMPTY CHASSIS Extension width of outriggers MIN.	1,380	1,130	930	730	580	480	430	380

● 7.71 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
CRANE STRENGTH	2,400	2,080	1,930	1,680	1,530	1,380	1,280	1,180	1,080	1,000	930
EMPTY CHASSIS Extension width of outriggers MAX.	2,400	2,080	1,900	1,600	1,330	1,100	980	850	750	680	600

TM-ZE364HRB

● 3.34 m / 5.57 m Boom

LOAD RADIUS (m)	2.4 and below	2.6	3.0	3.5	4.0	4.5	5.0	5.37
CRANE STRENGTH	3,030	3,030	2,480	2,080	1,780	1,580	1,380	1,280
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	3,030	2,480	2,050	1,580	1,250	1,050	900
EMPTY CHASSIS Extension width of outriggers MIN.	1,380	1,180	930	680	530	450	380	330

● 7.78 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.58
CRANE STRENGTH	2,330	2,030	1,830	1,630	1,480	1,330	1,230	1,130	1,030	950	880
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,030	1,830	1,580	1,250	1,050	900	800	700	600	530

● 10.0 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.8
CRANE STRENGTH	1,330	1,100	930	800	700	630	580
EMPTY CHASSIS Extension width of outriggers MAX.	1,330	1,050	800	600	500	400	350

TM-ZE365HRB

● 3.52 m / 5.75 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.55
CRANE STRENGTH	3,030	2,830	2,430	2,030	1,730	1,480	1,330	1,150
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,780	2,330	1,980	1,600	1,280	1,050	850
EMPTY CHASSIS Extension width of outriggers MIN.	1,330	1,230	880	680	530	430	330	280

● 7.95 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.75
CRANE STRENGTH	2,330	2,130	1,830	1,630	1,480	1,330	1,150	1,080	980	880	750
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,130	1,830	1,580	1,280	1,050	900	780	650	580	480

● 10.12 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.92
CRANE STRENGTH	1,230	980	830	730	650	580	530
EMPTY CHASSIS Extension width of outriggers MAX.	1,230	980	780	580	450	380	330

● 12.3 m Boom

LOAD RADIUS (m)	4.5 and below	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.1
CRANE STRENGTH	930	830	700	600	500	450	400	350	330
EMPTY CHASSIS Extension width of outriggers MAX.	930	830	700	580	450	380	300	280	230

TM-ZE366HRB

● 3.65 m / 5.87 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.67
CRANE STRENGTH	3,030	2,830	2,380	1,980	1,700	1,480	1,300	1,100
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,780	2,330	1,980	1,650	1,330	1,100	900
EMPTY CHASSIS Extension width of outriggers MIN.	1,330	1,230	880	680	530	430	330	250

● 8.07 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.87
CRANE STRENGTH	2,330	2,200	1,930	1,700	1,480	1,300	1,150	1,030	930	830	700
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,130	1,830	1,580	1,330	1,100	930	780	650	580	450

● 10.25 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	10.05
CRANE STRENGTH	1,130	1,050	880	750	650	600	500
EMPTY CHASSIS Extension width of outriggers MAX.	1,130	980	780	580	450	380	300

● 12.4 m Boom

LOAD RADIUS (m)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.2
CRANE STRENGTH	880	730	630	530	480	400	380	330
EMPTY CHASSIS Extension width of outriggers MAX.	880	700	580	450	380	300	250	210

● 14.6 m Boom

LOAD RADIUS (m)	4.9 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.4
CRANE STRENGTH	430	380	330	300	280	260	240	220	200	180
EMPTY CHASSIS Extension width of outriggers MAX.	430	380	330	300	280	260	240	220	200	150

Table C

TM-ZE363HRB

● 3.28 m / 5.51 m Boom

LOAD RADIUS (m)	2.4 and below	2.7	3.0	3.5	4.0	4.5	5.0	5.3
CRANE STRENGTH	3,030	3,030	2,580	2,180	1,880	1,680	1,480	1,380
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	3,030	2,580	2,180	1,880	1,680	1,480	1,350
EMPTY CHASSIS Extension width of outriggers MIN.	1,630	1,330	1,100	880	700	580	480	430

● 7.71 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
CRANE STRENGTH	2,400	2,080	1,930	1,680	1,530	1,380	1,280	1,180	1,080	1,000	930
EMPTY CHASSIS Extension width of outriggers MAX.	2,400	2,080	1,930	1,680	1,530	1,380	1,280	1,150	1,000	900	800

TM-ZE364HRB

● 3.34 m / 5.57 m Boom

LOAD RADIUS (m)	2.4 and below	2.6	3.0	3.5	4.0	4.5	5.0	5.37
CRANE STRENGTH	3,030	3,030	2,480	2,080	1,780	1,580	1,380	1,280
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	3,030	2,480	2,080	1,780	1,580	1,350	1,200
EMPTY CHASSIS Extension width of outriggers MIN.	1,630	1,400	1,080	830	650	530	430	380

● 7.78 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.58
CRANE STRENGTH	3,030	3,030	2,480	2,080	1,780	1,580	1,380	1,280			
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,030	1,830	1,630	1,480	1,330	1,230	1,130	1,030	950	880
EMPTY CHASSIS Extension width of outriggers MIN.	2,330	2,030	1,830	1,630	1,450	1,300	1,180	1,030	900	800	700

● 10.0 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.8
CRANE STRENGTH	1,330	1,100	930	800	700	630	580
EMPTY CHASSIS Extension width of outriggers MAX.	1,330	1,100	930	800	650	550	480

TM-ZE365HRB

● 3.52 m / 5.75 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.55
CRANE STRENGTH	3,030	2,830	2,430	2,030	1,730	1,480	1,330	1,150
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,830	2,430	2,030	1,730	1,480	1,330	1,150
EMPTY CHASSIS Extension width of outriggers MIN.	1,580	1,480	1,080	830	650	530	430	350

● 7.95 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.75
CRANE STRENGTH	2,330	2,130	1,830	1,630	1,480	1,330	1,150	1,080	980	880	750
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,130	1,830	1,630	1,430	1,280	1,130	1,030	900	800	650

● 10.12 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.92
CRANE STRENGTH	1,230	980	830	730	650	580	530
EMPTY CHASSIS Extension width of outriggers MAX.	1,230	980	830	730	650	530	450

● 12.3 m Boom

LOAD RADIUS (m)	4.5 and below	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.1
CRANE STRENGTH	930	830	700	600	500	450	400	350	330
EMPTY CHASSIS Extension width of outriggers MAX.	930	830	700	600	500	450	400	350	330

TM-ZE366HRB

● 3.65 m / 5.87 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.67
CRANE STRENGTH	3,030	2,830	2,380	1,980	1,700	1,480	1,300	1,100
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,830	2,380	1,980	1,700	1,480	1,300	1,100
EMPTY CHASSIS Extension width of outriggers MIN.	1,580	1,480	1,050	780	600	480	380	280

● 8.07 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.87
CRANE STRENGTH	2,330	2,200	1,930	1,700	1,480	1,300	1,150	1,030	930	830	700
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,130	1,850	1,600	1,430	1,280	1,130	1,000	880	780	630

● 10.25 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	10.05
CRANE STRENGTH	1,130	1,050	880	750	650	600	500
EMPTY CHASSIS Extension width of outriggers MAX.	1,130	1,050	880	750	600	500	430

● 12.4 m Boom

LOAD RADIUS (m)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.2
CRANE STRENGTH	880	730	630	530	480	400	380	330
EMPTY CHASSIS Extension width of outriggers MAX.	880	730	630	530	450	400	350	300

● 14.6 m Boom

LOAD RADIUS (m)	4.9 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.4
CRANE STRENGTH	430	380	330	300	280	260	240	220	200	180
EMPTY CHASSIS Extension width of outriggers MAX.	430	380	330	300	280	260	240	220	200	180

Table D

TM-ZE363HRB

● 3.28 m / 5.51 m Boom

LOAD RADIUS (m)	2.4 and below	2.7	3.0	3.5	4.0	4.5	5.0	5.3
CRANE STRENGTH	3,030	3,030	2,580	2,180	1,880	1,680	1,480	1,380
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	3,030	2,580	2,180	1,880	1,680	1,480	1,380
EMPTY CHASSIS Extension width of outriggers MIN.	1,630	1,330	1,100	880	700	580	480	430

● 7.71 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
CRANE STRENGTH	2,400	2,080	1,930	1,680	1,530	1,380	1,280	1,180	1,080	1,000	930
EMPTY CHASSIS Extension width of outriggers MAX.	2,400	2,080	1,930	1,680	1,530	1,380	1,280	1,180	1,080	1,000	930

TM-ZE364HRB

● 3.34 m / 5.57 m Boom

LOAD RADIUS (m)	2.4 and below	2.6	3.0	3.5	4.0	4.5	5.0	5.37
CRANE STRENGTH	3,030	3,030	2,480	2,080	1,780	1,580	1,380	1,280
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	3,030	2,480	2,080	1,780	1,580	1,380	1,280
EMPTY CHASSIS Extension width of outriggers MIN.	1,630	1,400	1,080	830	650	530	430	380

● 7.78 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.58
CRANE STRENGTH	2,330	2,030	1,830	1,630	1,480	1,330	1,230	1,130	1,030	950	880
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,030	1,830	1,630	1,480	1,330	1,230	1,130	1,030	950	880
EMPTY CHASSIS Extension width of outriggers MIN.	1,630	1,400	1,080	830	650	530	430	380			

● 10.0 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.8
CRANE STRENGTH	1,330	1,100	930	800	700	630	580
EMPTY CHASSIS Extension width of outriggers MAX.	1,330	1,100	930	800	700	630	580

TM-ZE365HRB

● 3.52 m / 5.75 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.55
CRANE STRENGTH	3,030	2,830	2,430	2,030	1,730	1,480	1,330	1,150
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,830	2,430	2,030	1,730	1,480	1,330	1,150
EMPTY CHASSIS Extension width of outriggers MIN.	1,580	1,480	1,080	830	650	530	430	350

● 7.95 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.75
CRANE STRENGTH	2,330	2,130	1,830	1,630	1,480	1,330	1,150	1,080	980	880	750
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,130	1,830	1,630	1,480	1,330	1,150	1,080	980	880	750

● 10.12 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.92
CRANE STRENGTH	1,230	980	830	730	650	580	530
EMPTY CHASSIS Extension width of outriggers MAX.	1,230	980	830	730	650	580	530

● 12.3 m Boom

LOAD RADIUS (m)	4.5 and below	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.1
CRANE STRENGTH	930	830	700	600	500	450	400	350	330
EMPTY CHASSIS Extension width of outriggers MAX.	930	830	700	600	500	450	400	350	330

TM-ZE366HRB

● 3.65 m / 5.87 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.67
CRANE STRENGTH	3,030	2,830	2,380	1,980	1,700	1,480	1,300	1,100
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,830	2,380	1,980	1,700	1,480	1,300	1,100
EMPTY CHASSIS Extension width of outriggers MIN.	1,580	1,480	1,050	780	600	480	380	280

● 8.07 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.87
CRANE STRENGTH	2,330	2,200	1,930	1,700	1,480	1,300	1,150	1,030	930	830	700
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,200	1,930	1,700	1,480	1,300	1,150	1,030	930	830	700

● 10.25 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	10.05
CRANE STRENGTH	1,130	1,050	880	750	650	600	500
EMPTY CHASSIS Extension width of outriggers MAX.	1,130	1,050	880	750	650	600	500

● 12.4 m Boom

LOAD RADIUS (m)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.2
CRANE STRENGTH	880	730	630	530	480	400	380	330
EMPTY CHASSIS Extension width of outriggers MAX.	880	730	630	530	480	400	380	330

● 14.6 m Boom

LOAD RADIUS (m)	4.9 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.4
CRANE STRENGTH	430	380	330	300	280	260	240	220	200	180
EMPTY CHASSIS Extension width of outriggers MAX.	430	380	330	300	280	260	240	220	200	180

Notes:
1. Rated capacity indicator issues warning with the limit warning lamp and the buzzer when the working state approaches the empty chassis rated lifting capacity. If the limit alarm is issued, stop operation immediately.
2. When the AML is equipped with the rated capacity limiter, an operation stops automatically if the empty chassis rated lifting capacity is exceeded.
3. Empty Chassis Rated Capacities in these tables depend on condition that crane is set level on firm level ground.
4. This value includes the mass of lifting devices such as hook block (30kg).
5. When the outriggers are extended to the middle width, read the capacities rated for the minimum extension width.
6. This load radius shows actual load radius which includes boom deflection.
7. If the boom length exceeds the table value even a little, the performance is limited to the performance of the next boom length.
8. Empty chassis rated lifting capacity varies according to the working area.
   - Front mounting <over-side, over-rear area> : 100%
     <over-front area> : 25% (*1) or 60% (*1) or 100% (*1)
   - Rear mounting <over-front, over-rear area> : 100%
     <over-side area> : 30%
   *1 : Depend on the types of chassis.
9. Empty Chassis Rated Capacities table A,C and D depend on the types of chassis. (The following table shows guidelines for bodywork vehicles that can achieve the rated lifting capacity tables A and C for vehicles. The rated lifting capacity may not be applicable depending on vehicle specifications. Be sure to carry out a stability inspection to determine which rated lifting capacity tables to apply.)

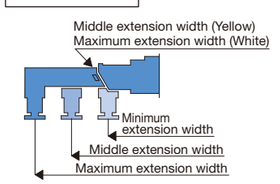
A	8.0 t ≤ GVW < 17.0 t
C	11.0 t ≤ GVW < 17.0 t, 4,200 mm ≤ WB (*2)

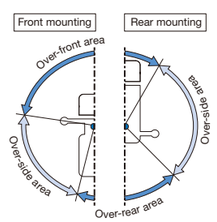
TM-ZE366HRB only

A	8.0 t ≤ GVW < 17.0 t (Must be set up the rear outrigger.)
C	11.0 t ≤ GVW < 17.0 t, 4,200 mm ≤ WB (*2) (Must be set up the rear outrigger.)

*2 : From the front axle to the farthest rear axle.

Extension mark





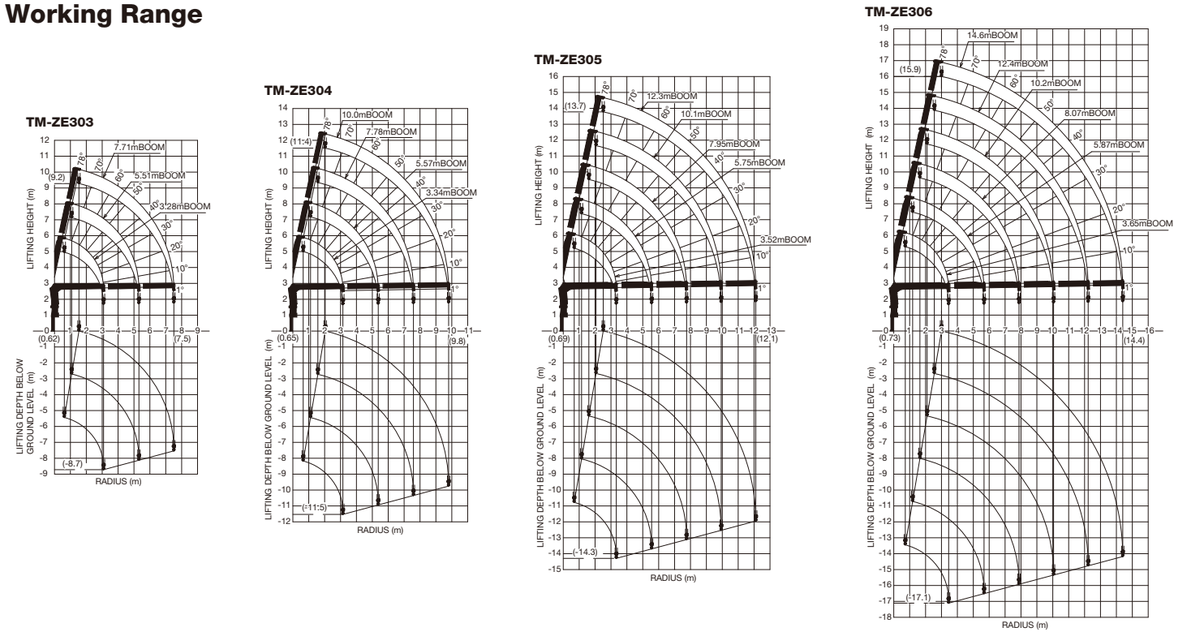
TM-ZE300HRB series

Technical Specifications

Model	TM-ZE303HRB	TM-ZE304HRB	TM-ZE305HRB	TM-ZE306HRB
CRANE CAPACITY	3,030 kg at 2.7 m (4-part lines)	3,030 kg at 2.6 m (4-part lines)	3,030 kg at 2.4 m (4-part lines)	3,030 kg at 2.4 m (4-part lines)
BOOM	Three-sectioned, fully hydraulic telescoping boom of heptagonal box construction	Four-sectioned, fully powered partly synchronized telescoping boom of heptagonal box construction	Five-sectioned, fully powered partly synchronized telescoping boom of heptagonal box construction	Six-sectioned, fully powered partly synchronized telescoping boom of heptagonal box construction
Retracted length	3.28 m	3.34 m	3.52 m	3.65 m
Extended length	7.71 m	10.0 m	12.3 m	14.6 m
Extending speed	4.43 m in 12 s	6.66 m in 14 s	8.78 m in 18 s	10.95 m in 19 s
Elevation	Elevated by a double-acting hydraulic cylinder			
Raising speed	1° to 78° in 7.5 s			
Boom point	2 sheaves			
WINCH	Hydraulic motor driven spur gear speed reduction, provided with mechanical brake and cable follower.			
Single line pull	7.45 kN {760 kgf}			
Single line speed	76 m/min (at 4th layer)			
Wire rope (Diameter x length)	8 mm x 51 m	8 mm x 63 m	8 mm x 74 m	8 mm x 85 m
Wire rope (Breaking strength)	43.1 kN {4.39 tf}			
Wire rope (Construction)	7 x 7 + 6 x WS (26)			
Hook block	2 sheaves			
HOOK BLOCK STOWING DEVICE	Hook-in (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	2.5 min^{-1} {rpm}			
OUTRIGGERS	Manually operated beams and hydraulically operated jacks integral with crane frame.			
Extension width	Min. 2,000 mm center to center (2,150 mm outer to outer), Mid. 2,700 mm center to center (2,850 mm outer to outer), Max. 3,400 mm center to center (3,550 mm outer to outer)			
HYDRAULIC SYSTEM				
Hydraulic pump	Single gear pump			
Hydraulic motors	Axial piston type for winch. Axial piston type for slewing.			
Control valves	Multiple control valves with integral safety valve			
Oil tank capacity	Approx. 43.0 L			
RADIO CONTROLLER	Model : RCS-F (with colored display), Control functions of telescoping, hoisting up and down, elevating, slewing, acceleration, Hook-in, Hook-out, horn, stop operation, outrigger operation and working height limit.			
Frequency	40 frequencies in 433 MHz band			
Operating power supply				
Transmitter	6V DC, Dry battery R6P (SUM-3) x 4			
Control unit	24V DC, Vehicle battery			
Transmitter mass	Approx. 670 g (includes batteries)			
SAFETY DEVICES	•Anti-two-block-device •AML (Automatic Moment Limiter) <Load indication, Load moment ratio indication, Warning alarm, Rated capacity indicator/limiter, Limit warning lamp, Outrigger length detector, Outrigger asymmetric extension width control> •WHL (Working Height Limiter) •Boom angle indicator •Load indicator •Load meter •Over-unwinding prevention •Hook safety latch •Spirit level •Jack interlock •Stop switch on radio controller •Hydraulic safety valves, check valves and holding valves •Limit warning lamp (three-color) •Emergency stop switch •Boom outrigger stowed warning •Rear outrigger extension width detection			
OPTIONAL EQUIPMENT	•Emergency hydraulic pump •Outrigger pads •Oil cooler •Rear outriggers (outrigger beam extension type)			
CRANE MASS	Approx. 1,100 kg (Except crane options and mounting parts.)	Approx. 1,190 kg (Except crane options and munting parts.)	Approx. 1,310 kg (Except crane options and munting parts.)	Approx. 1,380 kg (Except crane options and 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)
- 60 L/min (•BOOM: Extending speed, Raising speed •WINCH: Single line speed)

Working Range



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

*Actual specifications may differ.

Rated Lifting Capacities

Table A

TM-ZE303HRB

● 3.28 m / 5.51 m Boom

LOAD RADIUS (m)	2.4 and below	2.7	3.0	3.5	4.0	4.5	5.0	5.3
CRANE STRENGTH	3,030	3,030	2,580	2,180	1,880	1,680	1,480	1,380
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,600	2,100	1,580	1,250	1,030	880	800
EMPTY CHASSIS Extension width of outriggers MIN.	1,380	1,130	930	730	580	480	430	380

● 7.71 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
CRANE STRENGTH	2,400	2,080	1,930	1,680	1,530	1,380	1,280	1,180	1,080	1,000	930
EMPTY CHASSIS Extension width of outriggers MAX.	2,400	1,900	1,580	1,250	1,030	880	780	680	600	530	480

TM-ZE304HRB

● 3.34 m / 5.57 m Boom

LOAD RADIUS (m)	2.4 and below	2.6	3.0	3.5	4.0	4.5	5.0	5.37
CRANE STRENGTH	3,030	3,030	2,480	2,080	1,780	1,580	1,380	1,280
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,850	2,100	1,550	1,230	1,000	800	730
EMPTY CHASSIS Extension width of outriggers MIN.	1,380	1,180	930	680	530	450	380	330

● 7.78 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.58
CRANE STRENGTH	2,330	2,030	1,830	1,630	1,480	1,330	1,230	1,130	1,030	950	880
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	1,900	1,550	1,230	1,000	800	730	630	550	500	430

● 10.0 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.8
CRANE STRENGTH	1,330	1,100	930	800	700	630	580
EMPTY CHASSIS Extension width of outriggers MAX.	1,230	800	630	500	400	330	280

TM-ZE305HRB

● 3.52 m / 5.75 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.55
CRANE STRENGTH	3,030	2,830	2,430	2,030	1,730	1,480	1,330	1,150
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,780	2,150	1,550	1,200	950	780	630
EMPTY CHASSIS Extension width of outriggers MIN.	1,330	1,230	880	680	530	430	330	280

● 7.95 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.75
CRANE STRENGTH	2,330	2,130	1,830	1,630	1,480	1,330	1,150	1,080	980	880	750
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,080	1,550	1,200	950	780	680	550	480	400	330

● 10.12 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.92
CRANE STRENGTH	1,230	980	830	730	650	580	530
EMPTY CHASSIS Extension width of outriggers MAX.	1,200	780	550	400	330	250	200

● 12.3 m Boom

LOAD RADIUS (m)	4.5 and below	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.1
CRANE STRENGTH	930	830	700	600	500	450	400	350	330
EMPTY CHASSIS Extension width of outriggers MAX.	930	780	550	400	330	250	200	180	150

TM-ZE306HRB

● 3.65 m / 5.87 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.67
CRANE STRENGTH	3,030	2,830	2,380	1,980	1,700	1,480	1,300	1,100
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,780	2,180	1,730	1,350	1,080	880	680
EMPTY CHASSIS Extension width of outriggers MIN.	1,330	1,230	880	680	530	430	330	250

● 8.07 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.87
CRANE STRENGTH	2,330	2,200	1,930	1,700	1,480	1,300	1,150	1,030	930	830	700
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,080	1,680	1,350	1,080	880	700	580	500	430	350

● 10.25 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	10.05
CRANE STRENGTH	1,130	1,050	880	750	650	600	500
EMPTY CHASSIS Extension width of outriggers MAX.	1,130	830	580	430	330	280	230

● 12.4 m Boom

LOAD RADIUS (m)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.2
CRANE STRENGTH	880	730	630	530	480	400	380	330
EMPTY CHASSIS Extension width of outriggers MAX.	830	580	430	330	280	220	180	150

● 14.6 m Boom

LOAD RADIUS (m)	4.9 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.4
CRANE STRENGTH	430	380	330	300	280	260	240	220	200	180
EMPTY CHASSIS Extension width of outriggers MAX.	430	380	330	280	250	220	180	150	130	100

Table C

TM-ZE303HRB

● 3.28 m / 5.51 m Boom

LOAD RADIUS (m)	2.4 and below	2.7	3.0	3.5	4.0	4.5	5.0	5.3
CRANE STRENGTH	3,030	3,030	2,580	2,180	1,880	1,680	1,480	1,380
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	3,030	2,580	1,980	1,550	1,250	1,050	950
EMPTY CHASSIS Extension width of outriggers MIN.	1,630	1,330	1,100	880	700	580	480	430

● 7.71 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
CRANE STRENGTH	2,400	2,080	1,930	1,680	1,530	1,380	1,280	1,180	1,080	1,000	930
EMPTY CHASSIS Extension width of outriggers MAX.	2,400	2,080	1,900	1,550	1,250	1,050	950	800	730	650	580

TM-ZE304HRB

● 3.34 m / 5.57 m Boom

LOAD RADIUS (m)	2.4 and below	2.6	3.0	3.5	4.0	4.5	5.0	5.37
CRANE STRENGTH	3,030	3,030	2,480	2,080	1,780	1,580	1,380	1,280
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	3,030	2,480	2,000	1,580	1,280	1,050	930
EMPTY CHASSIS Extension width of outriggers MIN.	1,630	1,400	1,080	830	650	530	430	380

● 7.78 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.58
CRANE STRENGTH	2,330	2,030	1,830	1,630	1,480	1,330	1,230	1,130	1,030	950	880
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,030	1,830	1,580	1,280	1,050	930	800	700	630	550

● 10.0 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.8
CRANE STRENGTH	1,330	1,100	930	800	700	630	580
EMPTY CHASSIS Extension width of outriggers MAX.	1,330	1,050	800	630	530	430	350

TM-ZE305HRB

● 3.52 m / 5.75 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.55
CRANE STRENGTH	3,030	2,830	2,430	2,030	1,730	1,480	1,330	1,150
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,830	2,430	2,030	1,600	1,300	1,080	880
EMPTY CHASSIS Extension width of outriggers MIN.	1,580	1,480	1,080	830	650	530	430	350

● 7.95 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.75
CRANE STRENGTH	2,330	2,130	1,830	1,630	1,480	1,330	1,150	1,080	980	880	750
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,130	1,830	1,530	1,280	1,080	900	800	680	600	480

● 10.12 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.92
CRANE STRENGTH	1,230	980	830	730	650	580	530
EMPTY CHASSIS Extension width of outriggers MAX.	1,230	980	780	600	480	400	330

● 12.3 m Boom

LOAD RADIUS (m)	4.5 and below	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.1
CRANE STRENGTH	930	830	700	600	500	450	400	350	330
EMPTY CHASSIS Extension width of outriggers MAX.	930	830	700	580	480	400	330	300	250

TM-ZE306HRB

● 3.65 m / 5.87 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.67
CRANE STRENGTH	3,030	2,830	2,380	1,980	1,700	1,480	1,300	1,100
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,830	2,380	1,980	1,650	1,380	1,130	930
EMPTY CHASSIS Extension width of outriggers MIN.	1,580	1,480	1,050	780	600	480	380	280

● 8.07 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.87
CRANE STRENGTH	2,330	2,200	1,930	1,700	1,480	1,300	1,150	1,030	930	830	700
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,130	1,830	1,530	1,280	1,080	930	800	700	630	530

● 10.25 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	10.05
CRANE STRENGTH	1,130	1,050	880	750	650	600	500
EMPTY CHASSIS Extension width of outriggers MAX.	1,130	930	780	630	480	400	330

● 12.4 m Boom

LOAD RADIUS (m)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.2
CRANE STRENGTH	880	730	630	530	480	400	380	330
EMPTY CHASSIS Extension width of outriggers MAX.	880	730	580	480	380	300	250	230

● 14.6 m Boom

LOAD RADIUS (m)	4.9 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.4
CRANE STRENGTH	430	380	330	300	280	260	240	220	200	180
EMPTY CHASSIS Extension width of outriggers MAX.	430	380	330	300	280	260	240	220	200	180

Table D

TM-ZE303HRB

● 3.28 m / 5.51 m Boom

LOAD RADIUS (m)	2.4 and below	2.7	3.0	3.5	4.0	4.5	5.0	5.3
CRANE STRENGTH	3,030	3,030	2,580	2,180	1,880	1,680	1,480	1,380
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	3,030	2,580	2,180	1,880	1,680	1,480	1,380
EMPTY CHASSIS Extension width of outriggers MIN.	1,630	1,330	1,100	880	700	580	480	430

● 7.71 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5
CRANE STRENGTH	2,400	2,080	1,930	1,680	1,530	1,380	1,280	1,180	1,080	1,000	930
EMPTY CHASSIS Extension width of outriggers MAX.	2,400	2,080	1,930	1,680	1,530	1,380	1,280	1,180	1,080	1,000	930

TM-ZE304HRB

● 3.34 m / 5.57 m Boom

LOAD RADIUS (m)	2.4 and below	2.6	3.0	3.5	4.0	4.5	5.0	5.37
CRANE STRENGTH	3,030	3,030	2,480	2,080	1,780	1,580	1,380	1,280
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	3,030	2,480	2,080	1,780	1,580	1,380	1,280
EMPTY CHASSIS Extension width of outriggers MIN.	1,630	1,400	1,080	830	650	530	430	380

● 7.78 m Boom

LOAD RADIUS (m)	2.7 and below	3.2	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.58
CRANE STRENGTH	2,330	2,030	1,830	1,630	1,480	1,330	1,230	1,130	1,030	950	880
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,030	1,830	1,630	1,480	1,330	1,230	1,130	1,030	950	880

● 10.0 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.8
CRANE STRENGTH	1,330	1,100	930	800	700	630	580
EMPTY CHASSIS Extension width of outriggers MAX.	1,330	1,100	930	800	700	630	580

TM-ZE305HRB

● 3.52 m / 5.75 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.55
CRANE STRENGTH	3,030	2,830	2,430	2,030	1,730	1,480	1,330	1,150
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,830	2,430	2,030	1,730	1,480	1,330	1,150
EMPTY CHASSIS Extension width of outriggers MIN.	1,580	1,480	1,080	830	650	530	430	350

● 7.95 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.75
CRANE STRENGTH	2,330	2,130	1,830	1,630	1,480	1,330	1,150	1,080	980	880	750
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,130	1,830	1,630	1,480	1,330	1,150	1,080	980	880	750

● 10.12 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.92
CRANE STRENGTH	1,230	980	830	730	650	580	530
EMPTY CHASSIS Extension width of outriggers MAX.	1,230	980	830	730	650	580	530

● 12.3 m Boom

LOAD RADIUS (m)	4.5 and below	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.1
CRANE STRENGTH	930	830	700	600	500	450	400	350	330
EMPTY CHASSIS Extension width of outriggers MAX.	930	830	700	600	500	450	400	350	330

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● 3.65 m / 5.87 m Boom

LOAD RADIUS (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.67
CRANE STRENGTH	3,030	2,830	2,380	1,980	1,700	1,480	1,300	1,100
EMPTY CHASSIS Extension width of outriggers MAX.	3,030	2,830	2,380	1,980	1,700	1,480	1,300	1,100
EMPTY CHASSIS Extension width of outriggers MIN.	1,580	1,480	1,050	780	600	480	380	280

● 8.07 m Boom

LOAD RADIUS (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.87
CRANE STRENGTH	2,330	2,200	1,930	1,700	1,480	1,300	1,150	1,030	930	830	700
EMPTY CHASSIS Extension width of outriggers MAX.	2,330	2,200	1,930	1,700	1,480	1,300	1,150	1,030	930	830	700

● 10.25 m Boom

LOAD RADIUS (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	10.05
CRANE STRENGTH	1,130	1,050	880	750	650	600	500
EMPTY CHASSIS Extension width of outriggers MAX.	1,130	1,050	880	750	650	600	500

● 12.4 m Boom

LOAD RADIUS (m)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.2
CRANE STRENGTH	880	730	630	530	480	400	380	330
EMPTY CHASSIS Extension width of outriggers MAX.	880	730	630	530	480	400	380	330

● 14.6 m Boom

LOAD RADIUS (m)	4.9 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.4
CRANE STRENGTH	430	380	330	300	280	260	240	220	200	180
EMPTY CHASSIS Extension width of outriggers MAX.	430	380	330	300	280	260	240	220	200	180

Notes:
1. Rated capacity indicator issues warning with the limit warning lamp and the buzzer when the working state approaches the empty chassis rated lifting capacity. If the limit alarm is issued, stop operation immediately.
2. When the AML is equipped with the rated capacity limiter, an operation stops automatically if the empty chassis rated lifting capacity is exceeded.
3. Empty Chassis Rated Capacities in these tables depend on condition that crane is set level on firm level ground.
4. This value includes the mass of lifting devices such as hook block (30kg).
5. When the outriggers are extended to the middle width, read the capacities rated for the minimum extension width.
6. This load radius shows actual load radius which includes boom deflection.
7. If the boom length exceeds the table value even a little, the performance is limited to the performance of the next boom length.
8. Empty chassis rated lifting capacity varies according to the working area.
   - Front mounting <over-side, over-rear area> : 100%
     <over-front area> : 25% (*1) or 60% (*1) or 100% (*1)
   - Rear mounting <over-front, over-rear area> : 100%
     <over-side area> : 30%
   *1 : Depend on the types of chassis.
9. Empty Chassis Rated Capacities table A,C and D depend on the types of chassis. (The following table shows guidelines for bodywork vehicles that can achieve the rated lifting capacity tables A and C for vehicles. The rated lifting capacity may not be applicable depending on vehicle specifications. Be sure to carry out a stability inspection to determine which rated lifting capacity tables to apply.)

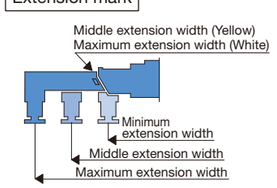
A	8.0 t ≤ GVW < 14.5 t
C	11.0 t ≤ GVW < 14.5 t, 4,200 mm ≤ WB (*2)

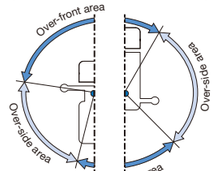
TM-ZE306HRB only

A	8.0 t ≤ GVW < 14.5 t (Must be set up the rear outrigger.)
C	11.0 t ≤ GVW < 14.5 t, 4,200 mm ≤ WB (*2) (Must be set up the rear outrigger.)

*2 : From the front axle to the farthest rear axle.

Extension mark





*Actual specifications may differ.