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TRUCK LOADER CRANES

TM- ZE360/300MH Series

TM-ZE363MH

TM-ZE364MH

TM-ZE365MH

TM-ZE366MH

TM-ZE303MH

TM-ZE304MH

TM-ZE305MH

TM-ZE306MH



Reaching new heights

IDEAL Truck Loader Crane

The ZE features all the Tadano Truck Loader Crane technologies that are recognized the world over.

The key development concepts remain:

EXCELLENT QUALITY,
EASY OPERATION AND EASY MAINTENANCE.

The TM-ZE360/300MH series, with a lifting capacity of 3.03 tons, and a choice of 4 different lengths of the boom are available to meet your lifting requirements.

Centralized Control Panels

Installed on left and right side of the crane are the centralized control panels where operating switches and the lifting charts needed for crane operation are grouped together and arranged on a single panel.



Left-hand side



Right-hand side

Responding to Operator's Command

Equipped with optimally matched, high-performance control valves, the operating levers provide improved responsiveness and fine-tuned control. Operation is fast or slow in accordance with operator's command. The stainless rods between the left and right operation levers are provided as standard.



Control lever



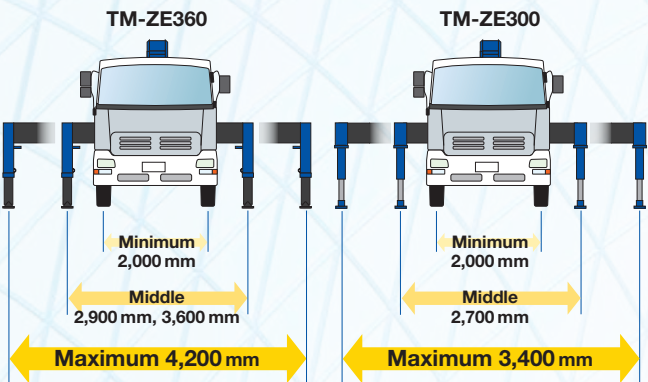
Load meter

Quicker Work with Advanced Outrigger Mechanism

The outrigger beams can be easily operated, using a grip to lock/release and extend/retract them. The lock system prevents the outrigger beams from extending during traveling. A spirit level is provided as standard equipment.

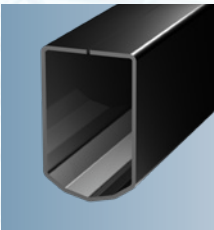


Spirit level



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 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.



Hook in System

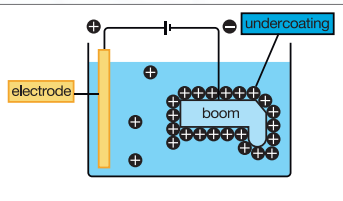
TM-ZE360/300 features the "Hook-In" system to further enhance work efficiency. A pull of a lever and the crane hook is stowed automatically. No more manual fixing.



Cationic Electro-Deposition Coating

The crane is undercoated by Cationic Electro-deposition method.

The parts are dipped in cationic solution, and even the narrow inner booms and frames are thoroughly undercoated.



Greater Winch

The advantages of the enlarged winch drum and plunger motor are evident during start-up when maximum power is required. Re-hoisting with a load on the hook can also be handled with ease. The winch reduction gear comes equipped with a failsafe automatic brake. From the pitch of the drum grooves to the fitting of the guide sheave, cable winding has been improved in every detail so as to prevent the cable from winding off position.



Full Circle, Continuous Slewing

The compact slewing post providing FULL CIRCLE, continuous rotation for more efficient operations.

AUTOMATIC SLEWING LOCK:
The boom is mechanically locked at the slewing post base which prevents boom rotation during traveling.



Three-Point Support System(Equalizer Crane Support)

Tadano's Equalizer Crane Support protects the truck frame from stress. The crane is mounted to the truck chassis with the Equalizer Crane Support that evenly distributes the load to prevent excessive stress concentration at any one point.

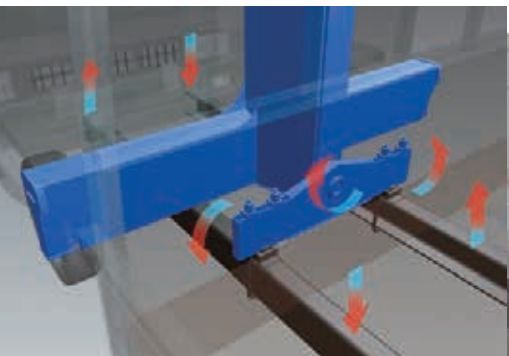


Photo: TM-ZE364MH

TM-ZE360MH series

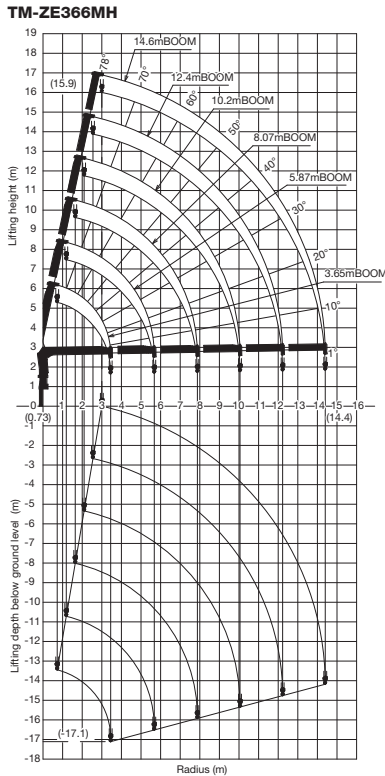
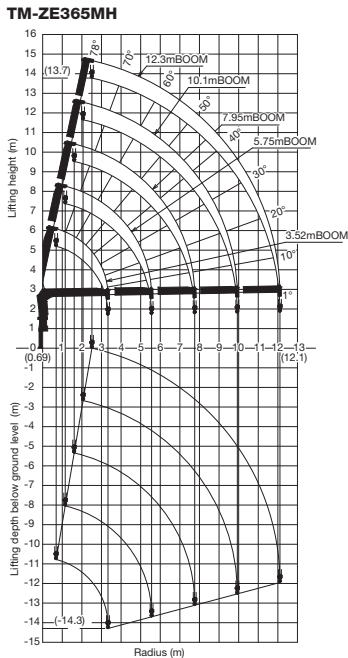
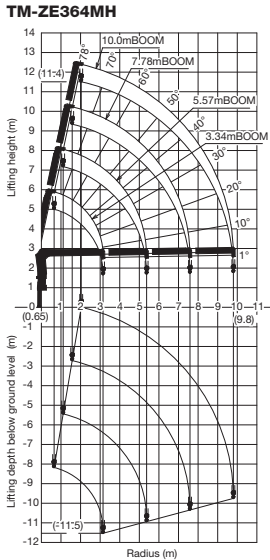
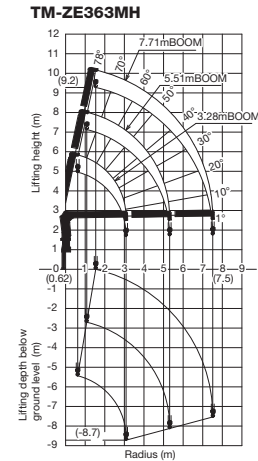
Technical Specifications

Model	TM-ZE363MH	TM-ZE364MH	TM-ZE365MH	TM-ZE366MH
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 (TM-ZE365MH & 366MH: 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	Single gear pump			
Hydraulic pump	Axial piston type for winch, Axial piston type for slewing			
Hydraulic motors	Multiple control valves with integral safety valve			
Control valves	Approx. 41.1 L			
Oil tank capacity	•Anti-two-block-device •Boom angle indicator •Load indicator •Load meter			
SAFETY DEVICES	•Hook safety latch •Spirit level •Hydraulic safety valves, check valves and holding valves			
OPTIONAL EQUIPMENT	•Emergency hydraulic pump •Outrigger pads •Oil cooler •Rear outriggers (outrigger beam extension type)			
CRANE MASS	Approx. 1,160 kg (Except crane options and mounting parts)	Approx. 1,240 kg (Except crane options and munting parts)	Approx. 1,360 kg (Except crane options and munting parts)	Approx. 1,430 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.

Rated Lifting Capacities

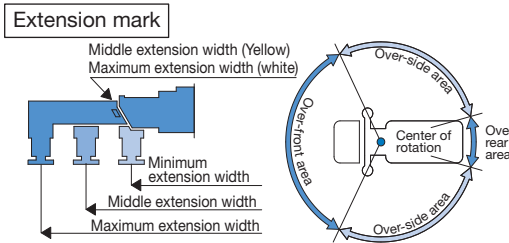
Table A	Table C	Table D
TM-ZE363MH ● 3.28 m / 5.51 m Boom LOAD RADIUS (m) 2.4 ^{2nd below} 2.7 3.0 3.5 4.0 4.5 5.0 5.3 CRANE STRENGTH 3,030 3,030 2,580 2,180 1,880 1,680 1,480 1,380 EMPTY CHASSIS Extension width of outriggers MAX. 3,030 3,030 2,580 2,080 1,600 1,330 1,100 1,000 MIN. 1,380 1,130 930 730 580 480 430 380 ● 7.71 m Boom LOAD RADIUS (m) 2.7 ^{2nd 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 1,000 900 MIN. 1,630 1,400 1,100 880 700 580 480 430	TM-ZE363MH ● 3.28 m / 5.51 m Boom LOAD RADIUS (m) 2.4 ^{2nd 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 MIN. 1,630 1,330 1,100 880 700 580 480 430 ● 7.71 m Boom LOAD RADIUS (m) 2.7 ^{2nd 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-ZE363MH ● 3.28 m / 5.51 m Boom LOAD RADIUS (m) 2.4 ^{2nd 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 MIN. 1,630 1,330 1,100 880 700 580 480 430 ● 7.71 m Boom LOAD RADIUS (m) 2.7 ^{2nd 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-ZE364MH ● 3.34 m / 5.57 m Boom LOAD RADIUS (m) 2.4 ^{2nd 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 MIN. 1,380 1,180 930 680 530 450 380 330 ● 7.78 m Boom LOAD RADIUS (m) 2.7 ^{2nd 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 1,050 800 700 600 530 ● 10.0 m Boom LOAD RADIUS (m) 4.0 ^{2nd 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-ZE364MH ● 3.34 m / 5.57 m Boom LOAD RADIUS (m) 2.4 ^{2nd 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 MIN. 1,630 1,400 1,080 830 650 530 430 380 ● 7.78 m Boom LOAD RADIUS (m) 2.7 ^{2nd 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 1,450 1,300 1,180 1,030 900 800 700 ● 10.0 m Boom LOAD RADIUS (m) 4.0 ^{2nd 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-ZE364MH ● 3.34 m / 5.57 m Boom LOAD RADIUS (m) 2.4 ^{2nd 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 MIN. 1,630 1,400 1,080 830 650 530 430 380 ● 7.78 m Boom LOAD RADIUS (m) 2.7 ^{2nd 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
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- Notes:
1. Empty Chassis Rated Capacities in these tables depend on condition that crane is set level on firm level ground.
 2. This value includes the mass of lifting devices such as hook block (30kg).
 3. When the front outriggers are extended to the middle width, read the capacities rated for the minimum extension width.
 4. Fully extend the front outrigger when working with a boom length exceeding the 2nd boom of length.
 5. This load radius shows actual load radius which includes boom deflection.
 6. If the boom length exceeds the table value even a little, the performance is limited to the performance of the next boom length.
 7. Empty chassis rated lifting capacity varies according to the working area.
 - Front mounting <over-side, over-rear area> : 100%
 - <over-front area> : 25%
 8. 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 table 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 ≤ GW < 17.0 t
C	11.0 t ≤ GW < 17.0 t, 4,200 mm ≤ WB (*1)

TM-ZE366MH only	
A	8.0 t ≤ GW < 17.0 t (Must be set up the rear outrigger.)
C	11.0 t ≤ GW < 17.0 t, 4,200 mm ≤ WB (*1) (Must be set up the rear outrigger.)

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



*Actual specifications may differ.

TM-ZE300MH series

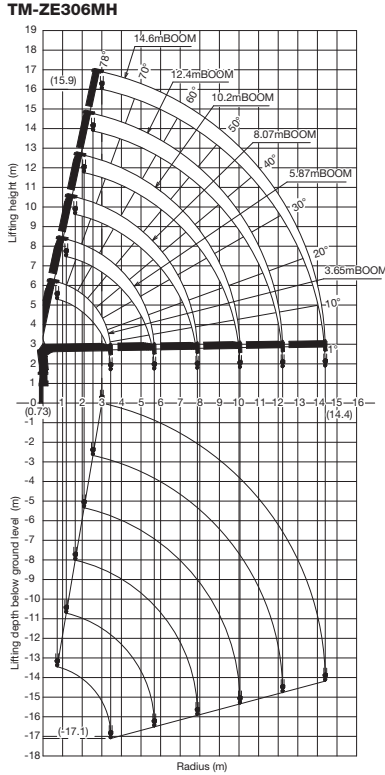
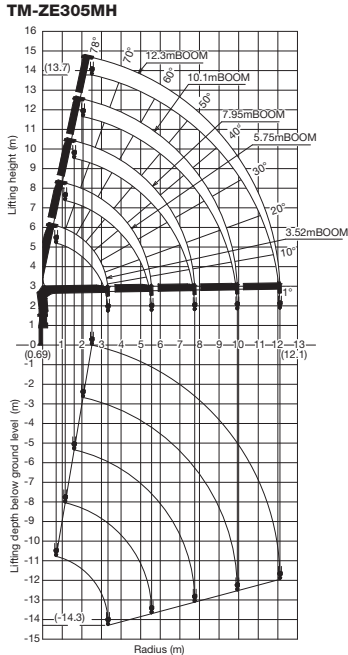
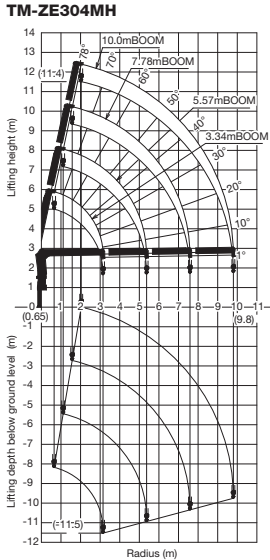
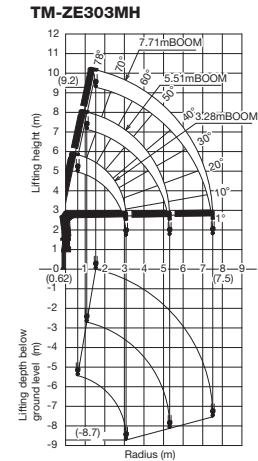
Technical Specifications

Model	TM-ZE303MH	TM-ZE304MH	TM-ZE305MH	TM-ZE306MH
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 (TM-ZE305MH & 306MH: 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)			
SELEWING	•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			
SAFETY DEVICES	•Anti-two-block-device •Boom angle indicator •Load indicator •Load meter •Hook safety latch •Spirit level •Hydraulic safety valves, check valves and holding valves			
OPTIONAL EQUIPMENT	•Emergency hydraulic pump •Outrigger pads •Oil cooler •Rear outriggers (outrigger beam extension type)			
CRANE MASS	Approx. 1,090 kg (Except crane options and mounting parts)	Approx. 1,170 kg (Except crane options and munting parts)	Approx. 1,290 kg (Except crane options and munting parts)	Approx. 1,360 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.

Rated Lifting Capacities

Table A	Table C	Table D
TM-ZE303MH ● 3.28 m / 5.51 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 2,600 2,100 1,580 1,250 1,030 880 800 width of MIN. 1,380 1,130 930 730 580 480 430 380 outriggers ● 7.71 m Boom LOAD RADIUS (m) 2.7 ^{2nd} 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 MAX. 2,400 2,080 1,930 1,680 1,530 1,380 1,280 1,180 1,080 1,000 930 width of MIN. 1,630 1,400 1,330 1,100 880 700 580 480 430 outriggers	TM-ZE303MH ● 3.28 m / 5.51 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 3,030 2,580 1,980 1,550 1,250 1,050 950 width of MIN. 1,630 1,330 1,100 880 700 580 480 430 outriggers ● 7.71 m Boom LOAD RADIUS (m) 2.7 ^{2nd} 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 MAX. 2,400 2,080 1,930 1,550 1,250 1,050 950 800 730 650 580 width of MIN. 1,630 1,400 1,080 830 650 530 430 380 outriggers	TM-ZE303MH ● 3.28 m / 5.51 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 3,030 2,580 2,180 1,880 1,680 1,480 1,380 width of MIN. 1,630 1,330 1,100 880 700 580 480 430 outriggers
TM-ZE304MH ● 3.34 m / 5.57 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 2,850 2,100 1,550 1,230 1,000 800 730 width of MIN. 1,380 1,180 930 680 530 450 380 330 outriggers ● 7.78 m Boom LOAD RADIUS (m) 2.7 ^{2nd} 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 MAX. 2,330 1,900 1,550 1,230 1,000 800 730 630 550 500 430 width of MIN. 1,380 1,180 930 680 530 450 380 330 outriggers	TM-ZE304MH ● 3.34 m / 5.57 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 3,030 2,480 2,000 1,580 1,280 1,050 930 width of MIN. 1,630 1,400 1,080 830 650 530 430 380 outriggers ● 7.78 m Boom LOAD RADIUS (m) 2.7 ^{2nd} 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 MAX. 2,330 2,030 1,830 1,580 1,280 1,050 930 800 700 630 550 width of MIN. 1,630 1,400 1,080 830 650 530 430 350 outriggers	TM-ZE304MH ● 3.34 m / 5.57 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 3,030 2,480 2,080 1,780 1,580 1,380 1,280 width of MIN. 1,630 1,400 1,080 830 650 530 430 380 outriggers
TM-ZE305MH ● 3.52 m / 5.75 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 2,780 2,150 1,550 1,200 950 780 630 width of MIN. 1,330 1,230 880 680 530 430 330 280 outriggers	TM-ZE305MH ● 3.52 m / 5.75 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 2,830 2,430 2,030 1,600 1,300 1,080 880 width of MIN. 1,580 1,480 1,080 830 650 530 430 350 outriggers	TM-ZE305MH ● 3.52 m / 5.75 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 2,830 2,430 2,030 1,730 1,480 1,330 1,150 width of MIN. 1,580 1,480 1,080 830 650 530 430 350 outriggers
TM-ZE306MH ● 3.65 m / 5.87 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 2,780 2,180 1,730 1,350 1,080 880 680 width of MIN. 1,330 1,230 880 680 530 430 330 250 outriggers	TM-ZE306MH ● 3.65 m / 5.87 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 2,830 2,380 1,980 1,650 1,380 1,130 930 width of MIN. 1,580 1,480 1,050 780 600 480 380 280 outriggers	TM-ZE306MH ● 3.65 m / 5.87 m Boom LOAD RADIUS (m) 2.4 ^{2nd} 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 MAX. 3,030 2,830 2,380 1,980 1,700 1,480 1,300 1,100 width of MIN. 1,580 1,480 1,050 780 600 480 380 280 outriggers
TM-ZE306MH ● 8.07 m Boom LOAD RADIUS (m) 2.7 ^{2nd} 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 MAX. 2,330 2,200 1,930 1,700 1,480 1,300 1,150 1,030 930 830 700 width of MIN. 1,330 1,230 880 680 530 430 330 250 outriggers	TM-ZE306MH ● 8.07 m Boom LOAD RADIUS (m) 2.7 ^{2nd} 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 MAX. 2,330 2,200 1,930 1,530 1,280 1,080 900 800 680 600 530 width of MIN. 1,580 1,480 1,050 780 600 480 380 280 outriggers	TM-ZE306MH ● 8.07 m Boom LOAD RADIUS (m) 2.7 ^{2nd} 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 MAX. 2,330 2,200 1,930 1,700 1,480 1,300 1,150 1,030 930 830 700 width of MIN. 1,580 1,480 1,050 780 600 480 380 280 outriggers
TM-ZE306MH ● 10.25 m Boom LOAD RADIUS (m) 4.0 ^{2nd} 5.0 6.0 7.0 8.0 9.0 10.0 10.05 CRANE STRENGTH 1,130 1,050 880 750 650 600 500 EMPTY CHASSIS Extension width MAX. 1,130 830 580 430 330 280 230 width of MIN. 1,130 830 580 430 330 280 230 outriggers	TM-ZE306MH ● 10.25 m Boom LOAD RADIUS (m) 4.0 ^{2nd} 5.0 6.0 7.0 8.0 9.0 10.0 10.05 CRANE STRENGTH 1,130 1,050 880 750 650 600 500 EMPTY CHASSIS Extension width MAX. 1,130 930 780 630 480 400 330 width of MIN. 1,130 930 780 630 480 400 330 outriggers	TM-ZE306MH ● 10.25 m Boom LOAD RADIUS (m) 4.0 ^{2nd} 5.0 6.0 7.0 8.0 9.0 10.0 10.05 CRANE STRENGTH 1,130 1,050 880 750 650 600 500 EMPTY CHASSIS Extension width MAX. 1,130 1,050 880 750 650 600 500 width of MIN. 1,130 1,050 880 750 650 600 500 outriggers
TM-ZE306MH ● 12.4 m Boom LOAD RADIUS (m) 5.0 ^{2nd} 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 MAX. 880 580 430 330 280 220 180 150 width of MIN. 880 580 430 330 280 220 180 150 outriggers	TM-ZE306MH ● 12.4 m Boom LOAD RADIUS (m) 5.0 ^{2nd} 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 MAX. 880 730 580 480 380 300 250 230 width of MIN. 880 730 580 480 380 300 250 230 outriggers	TM-ZE306MH ● 12.4 m Boom LOAD RADIUS (m) 5.0 ^{2nd} 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 MAX. 880 730 630 530 480 400 380 330 width of MIN. 880 730 630 530 480 400 380 330 outriggers
TM-ZE306MH ● 14.6 m Boom LOAD RADIUS (m) 4.9 ^{2nd} 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 MAX. 430 380 330 300 280 260 240 220 200 180 width of MIN. 430 380 330 300 280 260 240 220 200 180 outriggers	TM-ZE306MH ● 14.6 m Boom LOAD RADIUS (m) 4.9 ^{2nd} 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 MAX. 430 380 330 300 280 260 240 220 200 180 width of MIN. 430 380 330 300 280 260 240 220 200 180 outriggers	TM-ZE306MH ● 14.6 m Boom LOAD RADIUS (m) 4.9 ^{2nd} 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 MAX. 430 380 330 300 280 260 240 220 200 180 width of MIN. 430 380 330 300 280 260 240 220 200 180 outriggers

- Notes:
1. Empty Chassis Rated Capacities in these tables depend on condition that crane is set level on firm level ground.
 2. This value includes the mass of lifting devices such as hook block (30kg).
 3. When the front outriggers are extended to the middle width, read the capacities rated for the minimum extension width.
 4. Fully extend the front outrigger when working with a boom length exceeding the 2nd boom of length.
 5. This load radius shows actual load radius which includes boom deflection.
 6. If the boom length exceeds the table value even a little, the performance is limited to the performance of the next boom length.
 7. Empty chassis rated lifting capacity varies according to the working area.
 - Front mounting <over-side, over-rear area> : 100%
<over-front area> : 25%
 8. 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 table 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 ≤ GW < 14.5 t
C	11.0 t ≤ GW < 14.5 t, 4,200 mm ≤ WB (*1)

TM-ZE306MH only	
A	8.0 t ≤ GW < 14.5 t (Must be set up the rear outrigger.)
C	11.0 t ≤ GW < 14.5 t, 4,200 mm ≤ WB (*1) (Must be set up the rear outrigger.)

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

