

# **TM-ZE360/300**

For Medium Size Vehicles

**LOADER  
CRANE**





# IDEAL Cargo Crane, TADANO ZE

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

The key development concepts remain:

EXCELLENT QUALITY,

EASY OPERATION AND EASY MAINTENANCE.

The TM-ZE360/300 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 both sides of the slewing post 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 an 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.



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 new lock system prevents the outriggers from swinging out during traveling.

A level gauge is provided as standard equipment.



NEW LOCK SYSTEM



LEVEL GAUGE



TM-ZE360  
series



TM-ZE300  
series

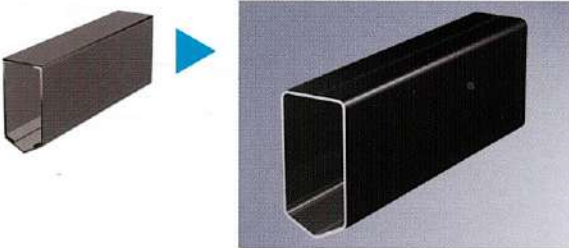




## STRONGER AND LIGHTER BOOM

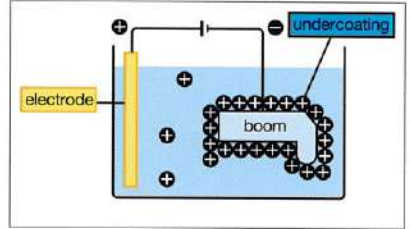
Tadano's unique pentagonal boom is made of high-tensile steel and the section of boom has a structure of bended one piece steel plate for lighter boom weight and powerful lifting capability.

Special valves enable smooth boom extension and retraction for smoother operation to reduce a shock when telescoping the boom.



## 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 newly designed compact slewing post improves performance providing FULL CIRCLE, continuous rotation for more efficient operations.

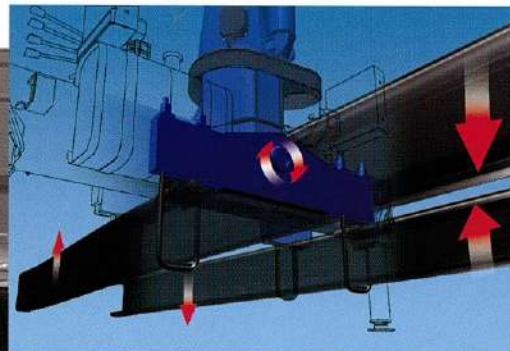
**AUTOMATIC SLEWING LOCK:**  
The boom is mechanically locked at the slewing post base which prevents boom rotation during traveling.



## 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.





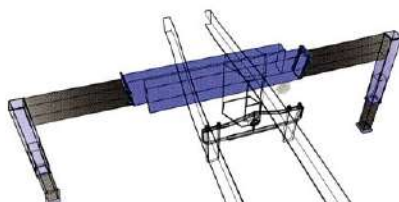
# TM-ZE360 series



## HOOK IN SYSTEM (TM-ZE360MH only)

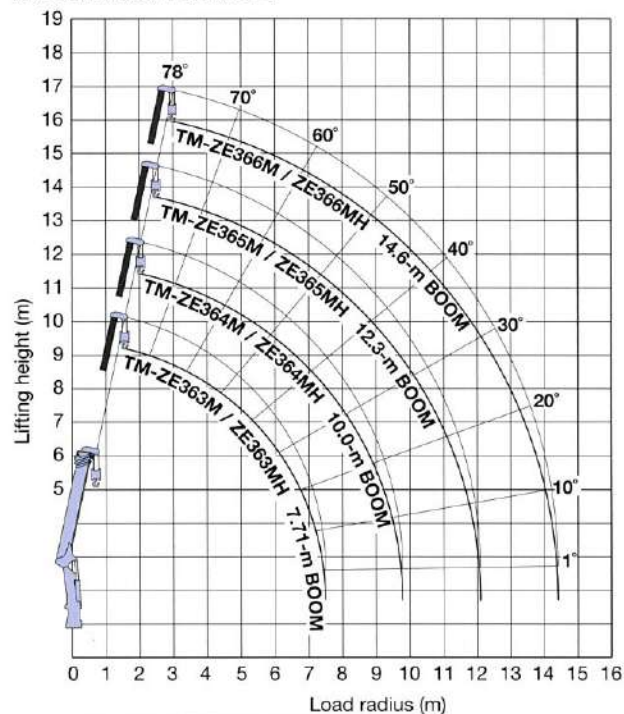
The TM-ZE360MH features the "Hook-In" system to further enhance work efficiency.

A pull of a lever and the crane hook is stowed automatically. No more manual fixing.



PARABOX OUTRIGGER (TM-ZE360 series)

## WORKING RANGE

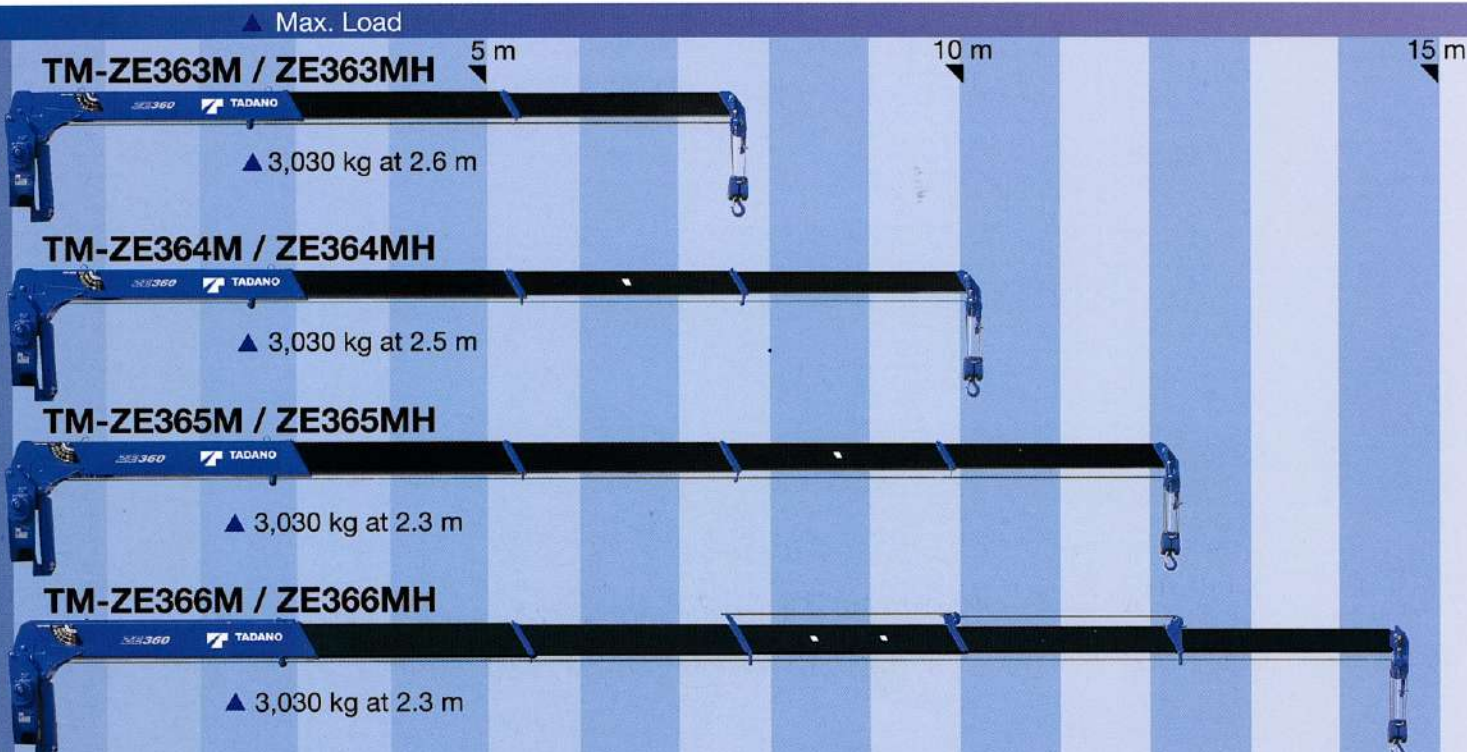


### NOTES FOR WORKING RANGE:

Boom deflection, and subsequent radius and boom angle change must be accounted for when applying load to hook.



TM-ZE364MH



The cables and sheaves are all internal - for a clean, clutter - free appearance.

Except 6 section boom



## TECHNICAL SPECIFICATIONS

| MODEL                         | TM-ZE363M                                                                                                                                              | TM-ZE363MH* | TM-ZE364M                              | TM-ZE364MH* | TM-ZE365M                              | TM-ZE365MH* | TM-ZE366M                              | TM-ZE366MH* |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------|-------------|----------------------------------------|-------------|----------------------------------------|-------------|
| CRANE CAPACITY                | 3,030 kg at 2.6 m<br>(4-parts of line)                                                                                                                 |             | 3,030 kg at 2.5 m<br>(4-parts of line) |             | 3,030 kg at 2.3 m<br>(4-parts of line) |             | 3,030 kg at 2.3 m<br>(4-parts of line) |             |
| BOOM                          | Fully powered telescoping boom of pentagonal box construction.                                                                                         |             |                                        |             |                                        |             |                                        |             |
| Number of sections            | 3                                                                                                                                                      |             | 4                                      |             | 5                                      |             | 6                                      |             |
| Length                        | 3.28 m–7.71 m                                                                                                                                          |             | 3.34 m–10.0 m                          |             | 3.52 m–12.3 m                          |             | 3.65 m–14.6 m                          |             |
| Extending speed               | 4.43 m / 12 s                                                                                                                                          |             | 6.66 m / 14 s                          |             | 8.78 m / 18 s                          |             | 10.95 m / 19 s                         |             |
| Elevating range/speed         | 1° to 78° / 7.5 s                                                                                                                                      |             |                                        |             |                                        |             |                                        |             |
| Max. lifting height**         | Approx. 9.2 m**                                                                                                                                        |             | Approx. 11.4 m**                       |             | Approx. 13.7 m**                       |             | Approx. 15.9 m**                       |             |
| Max. load radius**            | 7.5 m**                                                                                                                                                |             | 9.8 m**                                |             | 12.1 m**                               |             | 14.4 m**                               |             |
| WINCH                         | Hydraulic motor driven.<br>Spur gear speed reduction, provided with mechanical brake.                                                                  |             |                                        |             |                                        |             |                                        |             |
| Max. single line pull         | 7.45 kN (760 kgf)                                                                                                                                      |             |                                        |             |                                        |             |                                        |             |
| Max. 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                            |             |
| SLEWING                       | Hydraulic motor driven. Worm gear speed reduction.<br>Continuous 360° full circle slewing on ball bearing slew ring. Automatic slewing lock.           |             |                                        |             |                                        |             |                                        |             |
| Slewing speed                 | 2.5 min <sup>-1</sup> {rpm}                                                                                                                            |             |                                        |             |                                        |             |                                        |             |
| OUTRIGGERS                    | Manually extended sliders and hydraulically extended jacks<br>Integral with crane frame                                                                |             |                                        |             |                                        |             |                                        |             |
| Extension width               | Max. : 4.2 m, Mid. : 3.4 m / 2.7 m, Min. : 2.0 m                                                                                                       |             |                                        |             |                                        |             |                                        |             |
| HYDRAULIC SYSTEM              | Multiple control valves with integral safety valves                                                                                                    |             |                                        |             |                                        |             |                                        |             |
| Control valves                | Multiple control valves with integral safety valves                                                                                                    |             |                                        |             |                                        |             |                                        |             |
| STANDARD SAFETY DEVICES       | •Load meter •Load indicator •Anti-two-block alarm •Hoisting limiter •P.T.O. indicator lamp<br>•Hook safety latch •Hydraulic safety valves •Level gauge |             |                                        |             |                                        |             |                                        |             |
| SUITABLE TRUCKS               | Gross vehicle mass (including crane mass) 8,000 to 17,000 kg                                                                                           |             |                                        |             |                                        |             |                                        |             |

\* WITH HOOK STOWING DEVICE. Mechanically stows hook beneath boom head.

\*\* Boom deflection, and subsequent radius and boom angle change must be accounted for when applying load to hook.

## RATED LIFTING CAPACITIES (With empty chassis)

Table A

| TM-ZE363M / ZE363MH         |               |       |       |       |       |       |       |       |      |      |      |
|-----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|
| • 3.28-m/5.51-m boom        |               |       |       |       |       |       |       |       |      |      |      |
| Load radius (m)             | 2.6 and below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0   | 6.5  | 7.0  | 7.5  |
| Rated lifting capacity (kg) | 3,030         | 2,480 | 1,930 | 1,480 | 1,230 | 1,030 | 980   |       |      |      |      |
| • 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  |
| Rated lifting capacity (kg) | 2,330         | 2,030 | 1,780 | 1,430 | 1,180 | 980   | 830   | 730   | 650  | 580  | 530  |
| TM-ZE364M / ZE364MH         |               |       |       |       |       |       |       |       |      |      |      |
| • 3.34-m/5.57-m boom        |               |       |       |       |       |       |       |       |      |      |      |
| Load radius (m)             | 2.5 and below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0   | 6.5  | 7.0  | 7.5  |
| Rated lifting capacity (kg) | 3,030         | 2,330 | 1,880 | 1,430 | 1,180 | 980   | 900   |       |      |      |      |
| • 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  | 7.5  |
| Rated lifting capacity (kg) | 2,330         | 2,030 | 1,730 | 1,430 | 1,180 | 980   | 830   | 730   | 650  | 580  | 520  |
| • 10.0-m boom               |               |       |       |       |       |       |       |       |      |      |      |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.8   |       |      |      |      |
| Rated lifting capacity (kg) | 1,030         | 830   | 730   | 550   | 450   | 380   | 350   |       |      |      |      |
| TM-ZE365M / ZE365MH         |               |       |       |       |       |       |       |       |      |      |      |
| • 3.52-m/5.75-m boom        |               |       |       |       |       |       |       |       |      |      |      |
| Load radius (m)             | 2.3 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0  | 6.5  | 7.0  |
| Rated lifting capacity (kg) | 3,030         | 2,780 | 2,280 | 1,880 | 1,430 | 1,180 | 980   | 880   |      |      |      |
| • 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  | 7.5  |
| Rated lifting capacity (kg) | 2,230         | 2,030 | 1,680 | 1,380 | 1,180 | 980   | 830   | 730   | 630  | 550  | 480  |
| • 10.1-m boom               |               |       |       |       |       |       |       |       |      |      |      |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.92  |       |      |      |      |
| Rated lifting capacity (kg) | 1,030         | 830   | 730   | 550   | 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 |      |      |
| Rated lifting capacity (kg) | 760           | 630   | 480   | 400   | 350   | 310   | 280   | 250   | 230  |      |      |
| TM-ZE366M / ZE366MH         |               |       |       |       |       |       |       |       |      |      |      |
| • 3.65-m/5.87-m boom        |               |       |       |       |       |       |       |       |      |      |      |
| Load radius (m)             | 2.3 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.67  |      |      |      |
| Rated lifting capacity (kg) | 3,030         | 2,780 | 2,280 | 1,880 | 1,430 | 1,180 | 980   | 880   |      |      |      |
| • 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 |
| Rated lifting capacity (kg) | 2,230         | 2,030 | 1,680 | 1,380 | 1,180 | 980   | 830   | 700   | 600  | 530  | 450  |
| • 10.2-m boom               |               |       |       |       |       |       |       |       |      |      |      |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 10.05 |       |      |      |      |
| Rated lifting capacity (kg) | 1,030         | 830   | 700   | 530   | 430   | 350   | 300   |       |      |      |      |
| • 12.4-m boom               |               |       |       |       |       |       |       |       |      |      |      |
| Load radius (m)             | 5.0 and below | 6.0   | 7.0   | 8.0   | 9.0   | 10.0  | 11.0  | 12.22 |      |      |      |
| Rated lifting capacity (kg) | 630           | 480   | 400   | 350   | 310   | 280   | 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 |      |
| Rated lifting capacity (kg) | 330           | 280   | 250   | 230   | 210   | 190   | 170   | 160   | 140  | 130  |      |

Table D

| TM-ZE363M / ZE363MH         |               |       |       |       |       |       |       |       |       |     |     |
|-----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| • 3.28-m/5.51-m boom        |               |       |       |       |       |       |       |       |       |     |     |
| Load radius (m)             | 2.6 and below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0   | 6.5   | 7.0 | 7.5 |
| Rated lifting capacity (kg) | 3,030         | 2,580 | 2,180 | 1,880 | 1,680 | 1,480 | 1,380 |       |       |     |     |
| • 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 |
| Rated lifting capacity (kg) | 2,330         | 2,030 | 1,830 | 1,630 | 1,480 | 1,330 | 1,230 | 1,130 | 1,050 | 980 | 930 |
| TM-ZE364M / ZE364MH         |               |       |       |       |       |       |       |       |       |     |     |
| • 3.34-m/5.57-m boom        |               |       |       |       |       |       |       |       |       |     |     |
| Load radius (m)             | 2.5 and below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0   | 6.5   | 7.0 | 7.5 |
| Rated lifting capacity (kg) | 3,030         | 2,480 | 2,080 | 1,780 | 1,580 | 1,380 | 1,280 |       |       |     |     |
| • 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 | 7.5 |
| Rated lifting capacity (kg) | 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   |       |       |     |     |
| Rated lifting capacity (kg) | 1,030         | 880   | 750   | 650   | 580   | 510   | 480   |       |       |     |     |

### NOTES FOR TECHNICAL SPECIFICATIONS:

Operating speeds of the crane are guaranteed under the conditions that the pump delivery is 60 L/min.

### NOTES FOR RATED LIFTING CAPACITIES:

The mass of hook (30 kg), slings and all other lifting devices must be added to the mass of the load.

Table C

| TM-ZE363M / ZE363MH         |               |       |       |       |       |       |       |       |      |      |     |
|-----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|
| ● 3.28-m/5.51-m boom        |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 2.6 and below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0   | 6.5  | 7.0  | 7.5 |
| Rated lifting capacity (kg) | 3,030         | 2,480 | 2,030 | 1,730 | 1,430 | 1,180 | 1,080 |       |      |      |     |
| ● 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 |
| Rated lifting capacity (kg) | 2,330         | 2,030 | 1,780 | 1,480 | 1,280 | 1,130 | 1,030 | 880   | 780  | 700  | 650 |
| TM-ZE364M / ZE364MH         |               |       |       |       |       |       |       |       |      |      |     |
| ● 3.34-m/5.57-m boom        |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 2.5 and below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0   | 6.5  | 7.0  | 7.5 |
| Rated lifting capacity (kg) | 3,030         | 2,330 | 1,980 | 1,680 | 1,380 | 1,130 | 1,030 |       |      |      |     |
| ● 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  | 7.5 |
| Rated lifting capacity (kg) | 2,330         | 2,030 | 1,730 | 1,430 | 1,230 | 1,080 | 980   | 830   | 730  | 650  | 600 |
| ● 10.0-m boom               |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.8   |       |      |      |     |
| Rated lifting capacity (kg) | 1,030         | 830   | 730   | 630   | 530   | 460   | 430   |       |      |      |     |
| TM-ZE365M / ZE365MH         |               |       |       |       |       |       |       |       |      |      |     |
| ● 3.52-m/5.75-m boom        |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 2.3 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0  | 6.5  | 7.0 |
| Rated lifting capacity (kg) | 3,030         | 2,780 | 2,280 | 1,930 | 1,630 | 1,330 | 1,080 | 930   |      |      |     |
| ● 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  | 7.5 |
| Rated lifting capacity (kg) | 2,230         | 2,030 | 1,680 | 1,380 | 1,180 | 1,050 | 930   | 800   | 700  | 630  | 550 |
| ● 10.1-m boom               |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.9   |       |      |      |     |
| Rated lifting capacity (kg) | 1,030         | 830   | 730   | 630   | 500   | 430   | 380   |       |      |      |     |
| ● 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 |      |     |
| Rated lifting capacity (kg) | 760           | 630   | 480   | 400   | 350   | 310   | 280   | 250   | 220  |      |     |
| TM-ZE366M / ZE366MH         |               |       |       |       |       |       |       |       |      |      |     |
| ● 3.65-m/5.87-m boom        |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 2.3 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.6   |      |      |     |
| Rated lifting capacity (kg) | 3,030         | 2,780 | 2,280 | 1,930 | 1,630 | 1,330 | 1,080 | 880   |      |      |     |
| ● 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  | 7.8 |
| Rated lifting capacity (kg) | 2,230         | 2,030 | 1,680 | 1,380 | 1,180 | 1,050 | 880   | 780   | 680  | 600  | 500 |
| ● 10.2-m boom               |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.9   |       |      |      |     |
| Rated lifting capacity (kg) | 1,030         | 830   | 730   | 600   | 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  | 12.1  | 12.2 |      |     |
| Rated lifting capacity (kg) | 630           | 480   | 400   | 350   | 310   | 280   | 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 |     |
| Rated lifting capacity (kg) | 330           | 280   | 250   | 230   | 210   | 190   | 170   | 160   | 140  | 130  |     |
| TM-ZE365M / ZE365MH         |               |       |       |       |       |       |       |       |      |      |     |
| ● 3.52-m/5.75-m boom        |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 2.3 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0  | 6.5  | 7.0 |
| Rated lifting capacity (kg) | 3,030         | 2,830 | 2,430 | 2,030 | 1,730 | 1,480 | 1,330 | 1,150 |      |      |     |
| ● 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  | 7.5 |
| Rated lifting capacity (kg) | 2,330         | 2,130 | 1,830 | 1,630 | 1,480 | 1,330 | 1,150 | 1,050 | 950  | 850  | 730 |
| ● 10.1-m boom               |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.9   |       |      |      |     |
| Rated lifting capacity (kg) | 1,030         | 880   | 730   | 630   | 580   | 510   | 480   |       |      |      |     |
| ● 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 |      |     |
| Rated lifting capacity (kg) | 760           | 700   | 580   | 500   | 430   | 380   | 330   | 300   | 280  |      |     |
| TM-ZE366M / ZE366MH         |               |       |       |       |       |       |       |       |      |      |     |
| ● 3.65-m/5.87-m boom        |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 2.3 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.6   |      |      |     |
| Rated lifting capacity (kg) | 3,030         | 2,830 | 2,380 | 1,980 | 1,680 | 1,450 | 1,280 | 1,080 |      |      |     |
| ● 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  | 7.8 |
| Rated lifting capacity (kg) | 2,230         | 2,130 | 1,880 | 1,630 | 1,450 | 1,280 | 1,130 | 1,000 | 880  | 800  | 680 |
| ● 10.2-m boom               |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.9   |       |      |      |     |
| Rated lifting capacity (kg) | 1,030         | 880   | 730   | 630   | 580   | 510   | 480   |       |      |      |     |
| ● 12.4-m boom               |               |       |       |       |       |       |       |       |      |      |     |
| Load radius (m)             | 5.0 and below | 6.0   | 7.0   | 8.0   | 9.0   | 10.0  | 11.0  | 12.0  | 13.0 | 14.4 |     |
| Rated lifting capacity (kg) | 700           | 580   | 500   | 430   | 380   | 330   | 300   | 280   |      |      |     |
| ● 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 |     |
| Rated lifting capacity (kg) | 490           | 380   | 330   | 300   | 280   | 260   | 240   | 220   | 200  | 180  |     |



# TM-ZE300 series



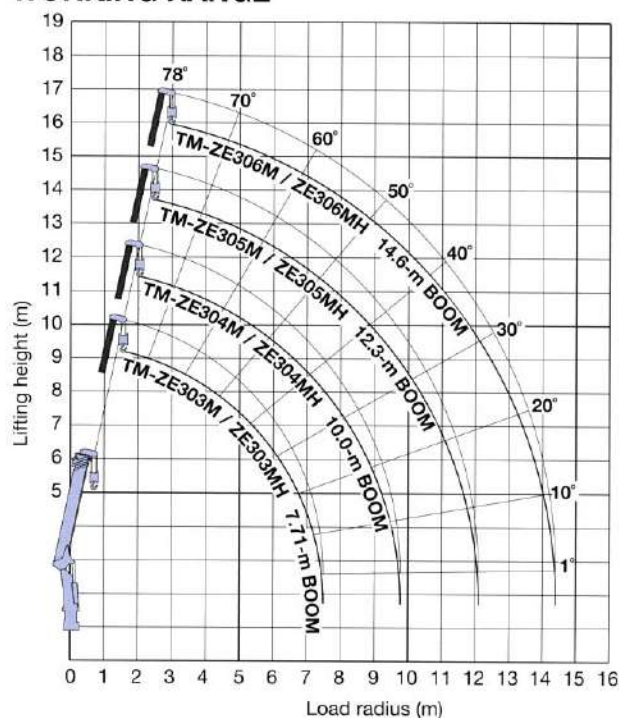
## HOOK IN SYSTEM (TM-ZE300MH only)

The TM-ZE300MH 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.



## WORKING RANGE

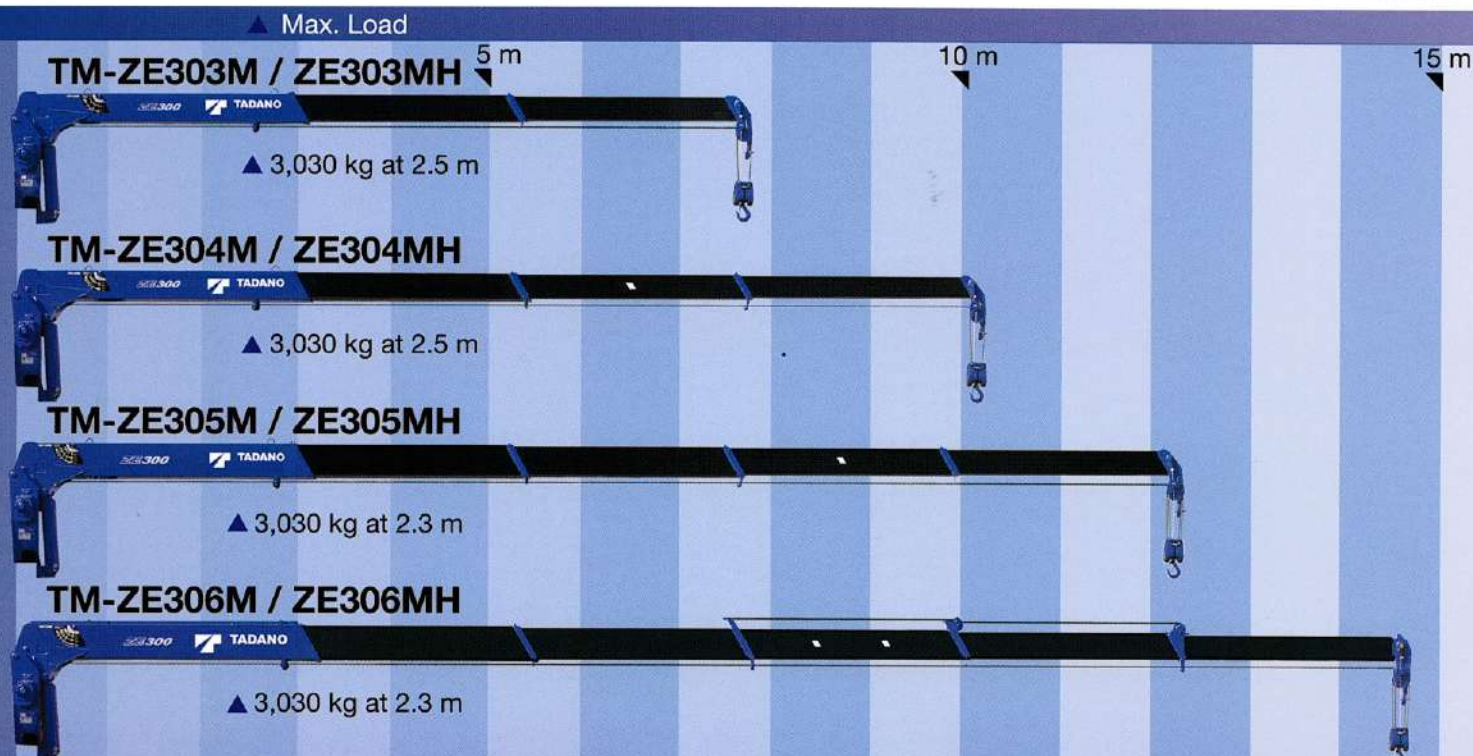


### NOTES FOR WORKING RANGE:

Boom deflection, and subsequent radius and boom angle change must be accounted for when applying load to hook.



TM-ZE304MH



The cables and sheaves are all internal - for a clean, clutter - free appearance. Except 6 section boom



## TECHNICAL SPECIFICATIONS

| MODEL                         | TM-ZE303M                                                                                                                                              | TM-ZE303MH* | TM-ZE304M                              | TM-ZE304MH* | TM-ZE305M                              | TM-ZE305MH* | TM-ZE306M                              | TM-ZE306MH* |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------|-------------|----------------------------------------|-------------|----------------------------------------|-------------|
| CRANE CAPACITY                | 3,030 kg at 2.5 m<br>(4-parts of line)                                                                                                                 |             | 3,030 kg at 2.5 m<br>(4-parts of line) |             | 3,030 kg at 2.3 m<br>(4-parts of line) |             | 3,030 kg at 2.3 m<br>(4-parts of line) |             |
| BOOM                          | Fully powered telescoping boom of pentagonal box construction.                                                                                         |             |                                        |             |                                        |             |                                        |             |
| Number of sections            | 3                                                                                                                                                      |             | 4                                      |             | 5                                      |             | 6                                      |             |
| Length                        | 3.28 m–7.71 m                                                                                                                                          |             | 3.34 m–10.0 m                          |             | 3.52 m–12.3 m                          |             | 3.65 m–14.6 m                          |             |
| Extending speed               | 4.43 m / 12 s                                                                                                                                          |             | 6.66 m / 14 s                          |             | 8.78 m / 18 s                          |             | 10.95 m / 19 s                         |             |
| Elevating range/speed         | 1° to 78° / 7.5 s                                                                                                                                      |             |                                        |             |                                        |             |                                        |             |
| Max. lifting height**         | Approx. 9.2 m**                                                                                                                                        |             | Approx. 11.4 m**                       |             | Approx. 13.7 m**                       |             | Approx. 15.9 m**                       |             |
| Max. load radius**            | 7.5 m**                                                                                                                                                |             | 9.8 m**                                |             | 12.1 m**                               |             | 14.4 m**                               |             |
| WINCH                         | Hydraulic motor driven.<br>Spur gear speed reduction, provided with mechanical brake.                                                                  |             |                                        |             |                                        |             |                                        |             |
| Max. single line pull         | 7.45 kN {760 kgf}                                                                                                                                      |             |                                        |             |                                        |             |                                        |             |
| Max. 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                            |             |
| SLEWING                       | Hydraulic motor driven. Worm gear speed reduction.<br>Continuous 360° full circle slewing on ball bearing slew ring. Automatic slewing lock.           |             |                                        |             |                                        |             |                                        |             |
| Slewing speed                 | 2.5 min <sup>-1</sup> {rpm}                                                                                                                            |             |                                        |             |                                        |             |                                        |             |
| OUTRIGGERS                    | Manually extended sliders and hydraulically extended jacks<br>Integral with crane frame                                                                |             |                                        |             |                                        |             |                                        |             |
| Extension width               | Max. : 3.4 m Mid. : 2.7 m Min. : 2.0 m                                                                                                                 |             |                                        |             |                                        |             |                                        |             |
| HYDRAULIC SYSTEM              | Multiple control valves with integral safety valves                                                                                                    |             |                                        |             |                                        |             |                                        |             |
| Control valves                |                                                                                                                                                        |             |                                        |             |                                        |             |                                        |             |
| STANDARD SAFETY DEVICES       | •Load meter •Load indicator •Anti-two-block alarm •Hoisting limiter •P.T.O. indicator lamp<br>•Hook safety latch •Hydraulic safety valves •Level gauge |             |                                        |             |                                        |             |                                        |             |
| SUITABLE TRUCKS               | Gross vehicle mass (including crane mass) 8,000 to 14,500 kg                                                                                           |             |                                        |             |                                        |             |                                        |             |

\* WITH HOOK STOWING DEVICE. Mechanically stows hook beneath boom head.

\*\* Boom deflection, and subsequent radius and boom angle change must be accounted for when applying load to hook.

## RATED LIFTING CAPACITIES (With empty chassis)

Table A

| TM-ZE303M / ZE303MH         |                         |       |       |       |       |      |       |       |      |      |
|-----------------------------|-------------------------|-------|-------|-------|-------|------|-------|-------|------|------|
| ● 3.28-m/5.51-m boom        |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 2.3 <sup>rd</sup> below | 2.7   | 3.0   | 3.5   | 4.0   | 4.5  | 5.0   | 5.3   |      |      |
| Rated lifting capacity (kg) | 3,030                   | 2,380 | 1,880 | 1,380 | 1,130 | 930  | 780   | 730   |      |      |
| ● 7.71-m boom               |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 2.7 <sup>rd</sup> below | 3.2   | 3.5   | 4.0   | 4.5   | 5.0  | 5.5   | 6.0   | 6.5  | 7.0  |
| Rated lifting capacity (kg) | 2,330                   | 1,650 | 1,380 | 1,080 | 880   | 730  | 630   | 580   | 530  | 480  |
| TM-ZE304M / ZE304MH         |                         |       |       |       |       |      |       |       |      |      |
| ● 3.34-m/5.57-m boom        |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 2.3 <sup>rd</sup> below | 2.6   | 3.0   | 3.5   | 4.0   | 4.5  | 5.0   | 5.37  |      |      |
| Rated lifting capacity (kg) | 3,030                   | 2,580 | 1,880 | 1,380 | 1,080 | 880  | 730   | 680   |      |      |
| ● 7.78-m boom               |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 2.7 <sup>rd</sup> below | 3.2   | 3.5   | 4.0   | 4.5   | 5.0  | 5.5   | 6.0   | 6.5  | 7.0  |
| Rated lifting capacity (kg) | 2,330                   | 1,650 | 1,380 | 1,080 | 880   | 730  | 630   | 530   | 480  | 430  |
| ● 10.0-m boom               |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 4.0 <sup>rd</sup> below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0  | 9.8   |       |      |      |
| Rated lifting capacity (kg) | 1,030                   | 730   | 530   | 430   | 330   | 280  | 250   |       |      |      |
| TM-ZE305M / ZE305MH         |                         |       |       |       |       |      |       |       |      |      |
| ● 3.52-m/5.75-m boom        |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 2.3 <sup>rd</sup> below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5  | 5.0   | 5.55  |      |      |
| Rated lifting capacity (kg) | 3,030                   | 2,780 | 1,880 | 1,330 | 1,030 | 830  | 680   | 580   |      |      |
| ● 7.95-m boom               |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 2.7 <sup>rd</sup> below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0  | 5.5   | 6.0   | 6.5  | 7.0  |
| Rated lifting capacity (kg) | 2,230                   | 1,850 | 1,330 | 1,030 | 830   | 680  | 580   | 480   | 430  | 380  |
| ● 10.1-m boom               |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 4.0 <sup>rd</sup> below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0  | 9.92  |       |      |      |
| Rated lifting capacity (kg) | 1,030                   | 650   | 480   | 380   | 300   | 230  | 200   |       |      |      |
| ● 12.3-m boom               |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 4.5 <sup>rd</sup> below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0  | 10.0  | 11.0  | 12.1 |      |
| Rated lifting capacity (kg) | 760                     | 630   | 480   | 380   | 300   | 230  | 200   | 180   | 130  |      |
| TM-ZE306M / ZE306MH         |                         |       |       |       |       |      |       |       |      |      |
| ● 3.65-m/5.87-m boom        |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 2.3 <sup>rd</sup> below | 2.6   | 3.0   | 3.5   | 4.0   | 4.5  | 5.0   | 5.67  |      |      |
| Rated lifting capacity (kg) | 3,030                   | 2,780 | 1,880 | 1,330 | 980   | 830  | 680   | 580   |      |      |
| ● 8.07-m boom               |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 2.7 <sup>rd</sup> below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0  | 5.5   | 6.0   | 6.5  | 7.0  |
| Rated lifting capacity (kg) | 2,230                   | 1,830 | 1,330 | 980   | 830   | 680  | 550   | 480   | 400  | 330  |
| ● 10.2-m boom               |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 3.9 <sup>rd</sup> below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0  | 10.05 |       |      |      |
| Rated lifting capacity (kg) | 1,030                   | 650   | 480   | 330   | 280   | 230  | 200   |       |      |      |
| ● 12.4-m boom               |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 5.0 <sup>rd</sup> below | 6.0   | 7.0   | 8.0   | 9.0   | 10.0 | 11.0  | 12.22 |      |      |
| Rated lifting capacity (kg) | 630                     | 480   | 330   | 280   | 230   | 180  | 130   | 100   |      |      |
| ● 14.6-m boom               |                         |       |       |       |       |      |       |       |      |      |
| Load radius (m)             | 4.9 <sup>rd</sup> below | 6.0   | 7.0   | 8.0   | 9.0   | 10.0 | 11.0  | 12.0  | 13.0 | 14.4 |
| Rated lifting capacity (kg) | 330                     | 280   | 250   | 230   | 180   | 150  | 130   | 100   | 80   | 50   |

Table D

| TM-ZE303M / ZE303MH         |                         |       |       |       |       |       |       |       |       |     |
|-----------------------------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| ● 3.28-m/5.51-m boom        |                         |       |       |       |       |       |       |       |       |     |
| Load radius (m)             | 2.5 <sup>rd</sup> below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.3   |       |       |     |
| Rated lifting capacity (kg) | 3,030                   | 2,680 | 2,180 | 1,880 | 1,680 | 1,480 | 1,380 |       |       |     |
| ● 7.71-m boom               |                         |       |       |       |       |       |       |       |       |     |
| Load radius (m)             | 2.7 <sup>rd</sup> below | 3.2   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0   | 6.5   | 7.0 |
| Rated lifting capacity (kg) | 2,330                   | 2,030 | 1,830 | 1,630 | 1,480 | 1,330 | 1,230 | 1,130 | 1,050 | 980 |
| TM-ZE304M / ZE304MH         |                         |       |       |       |       |       |       |       |       |     |
| ● 3.34-m/5.57-m boom        |                         |       |       |       |       |       |       |       |       |     |
| Load radius (m)             | 2.3 <sup>rd</sup> below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.37  |       |       |     |
| Rated lifting capacity (kg) | 3,030                   | 2,480 | 2,080 | 1,780 | 1,580 | 1,380 | 1,280 |       |       |     |
| ● 7.78-m boom               |                         |       |       |       |       |       |       |       |       |     |
| Load radius (m)             | 2.7 <sup>rd</sup> below | 3.2   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5   | 6.0   | 6.5   | 7.0 |
| Rated lifting capacity (kg) | 2,330                   | 2,030 | 1,830 | 1,630 | 1,480 | 1,330 | 1,230 | 1,130 | 1,030 | 950 |
| ● 10.0-m boom               |                         |       |       |       |       |       |       |       |       |     |
| Load radius (m)             | 4.0 <sup>rd</sup> below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.8   |       |       |     |
| Rated lifting capacity (kg) | 1,030                   | 880   | 750   | 650   | 580   | 510   | 480   |       |       |     |

### NOTES FOR TECHNICAL SPECIFICATIONS:

Operating speeds of the crane are guaranteed under the conditions that the pump delivery is 60 L/min.

### NOTES FOR RATED LIFTING CAPACITIES:

The mass of hook (30 kg), slings and all other lifting devices must be added to the mass of the load.

Table C

| TM-ZE303M / ZE303MH         |               |       |       |       |       |       |       |       |       |      |
|-----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| ● 3.28-m/5.51-m boom        |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 2.5 and below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.3   |       |       |      |
| Rated lifting capacity (kg) | 3,030         | 2,180 | 1,580 | 1,250 | 1,060 | 900   | 830   |       |       |      |
| ● 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  |
| Rated lifting capacity (kg) | 2,330         | 1,880 | 1,580 | 1,250 | 1,030 | 880   | 730   | 660   | 580   | 540  |
| TM-ZE304M / ZE304MH         |               |       |       |       |       |       |       |       |       |      |
| ● 3.34-m/5.57-m boom        |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 2.5 and below | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.37  |       |       |      |
| Rated lifting capacity (kg) | 3,030         | 2,080 | 1,580 | 1,230 | 980   | 830   | 780   |       |       |      |
| ● 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  |
| Rated lifting capacity (kg) | 2,330         | 1,830 | 1,580 | 1,230 | 980   | 830   | 730   | 630   | 530   | 500  |
| ● 10.0-m boom               |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.8   |       |       |      |
| Rated lifting capacity (kg) | 1,030         | 830   | 630   | 480   | 400   | 350   | 330   |       |       |      |
| TM-ZE305M / ZE305MH         |               |       |       |       |       |       |       |       |       |      |
| ● 3.52-m/5.75-m boom        |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 2.3 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.55  |       |      |
| Rated lifting capacity (kg) | 3,030         | 2,780 | 2,080 | 1,530 | 1,180 | 980   | 830   | 680   |       |      |
| ● 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  |
| Rated lifting capacity (kg) | 2,230         | 2,030 | 1,530 | 1,180 | 980   | 780   | 680   | 580   | 480   | 380  |
| ● 10.1-m boom               |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.92  |       |       |      |
| Rated lifting capacity (kg) | 1,030         | 780   | 580   | 430   | 350   | 300   | 280   |       |       |      |
| ● 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  |      |
| Rated lifting capacity (kg) | 760           | 630   | 480   | 400   | 350   | 280   | 250   | 230   | 200   |      |
| TM-ZE306M / ZE306MH         |               |       |       |       |       |       |       |       |       |      |
| ● 3.65-m/5.87-m boom        |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 2.3 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.67  |       |      |
| Rated lifting capacity (kg) | 3,030         | 2,780 | 2,080 | 1,530 | 1,180 | 930   | 780   | 630   |       |      |
| ● 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  |
| Rated lifting capacity (kg) | 2,230         | 2,030 | 1,530 | 1,130 | 930   | 780   | 630   | 530   | 480   | 330  |
| ● 10.2-m boom               |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.92  |       |       |      |
| Rated lifting capacity (kg) | 1,030         | 730   | 530   | 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  | 12.1  | 12.22 |      |
| Rated lifting capacity (kg) | 630           | 480   | 400   | 330   | 280   | 230   | 180   | 130   | 130   |      |
| ● 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 |
| Rated lifting capacity (kg) | 330           | 280   | 250   | 230   | 210   | 190   | 170   | 130   | 130   | 80   |
| TM-ZE305M / ZE305MH         |               |       |       |       |       |       |       |       |       |      |
| ● 3.52-m/5.75-m boom        |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 2.3 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.55  |       |      |
| Rated lifting capacity (kg) | 3,030         | 2,830 | 2,430 | 2,030 | 1,730 | 1,480 | 1,330 | 1,150 |       |      |
| ● 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  |
| Rated lifting capacity (kg) | 2,330         | 2,130 | 1,830 | 1,630 | 1,480 | 1,330 | 1,150 | 1,050 | 950   | 730  |
| ● 10.1-m boom               |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.92  |       |       |      |
| Rated lifting capacity (kg) | 1,030         | 880   | 730   | 630   | 580   | 510   | 480   |       |       |      |
| ● 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  |      |
| Rated lifting capacity (kg) | 760           | 700   | 580   | 500   | 430   | 380   | 330   | 300   | 280   |      |
| TM-ZE306M / ZE306MH         |               |       |       |       |       |       |       |       |       |      |
| ● 3.65-m/5.87-m boom        |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 2.3 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.67  |       |      |
| Rated lifting capacity (kg) | 3,030         | 2,830 | 2,380 | 1,980 | 1,680 | 1,450 | 1,280 | 1,080 |       |      |
| ● 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  |
| Rated lifting capacity (kg) | 2,330         | 2,130 | 1,880 | 1,630 | 1,450 | 1,280 | 1,130 | 1,000 | 880   | 780  |
| ● 10.2-m boom               |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 4.0 and below | 5.0   | 6.0   | 7.0   | 8.0   | 9.0   | 9.92  |       |       |      |
| Rated lifting capacity (kg) | 1,030         | 880   | 730   | 630   | 580   | 510   | 480   |       |       |      |
| ● 12.4-m boom               |               |       |       |       |       |       |       |       |       |      |
| Load radius (m)             | 5.0 and below | 6.0   | 7.0   | 8.0   | 9.0   | 10.0  | 11.0  | 12.0  | 12.22 |      |
| Rated lifting capacity (kg) | 700           | 580   | 500   | 430   | 360   | 330   | 300   | 280   |       |      |
| ● 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 |
| Rated lifting capacity (kg) | 400           | 360   | 330   | 300   | 280   | 260   | 240   | 220   | 200   | 180  |



**TADANO LTD.** (International Sales Division)  
4-12, Kamezawa 2-chome, Sumida-ku Tokyo 130-0014, Japan  
Phone: +81-3-3621-7750 Fax: +81-3-3621-7785  
<http://www.tadano.com/> E-mail: [info@tadano.com](mailto:info@tadano.com)

