

# TM-ZE290/260MH





### Tadano Ltd.



## 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-ZE290/260MH series,

with a lifting capacity of 3.03/2.63 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.





### **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 left and right operation levers are provided as standard.





### 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.

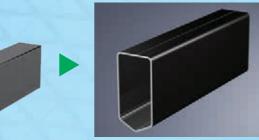


LEVEL GAUGE

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.



### **FULL CIRCLE, CONTINUOUS SLEWING**

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

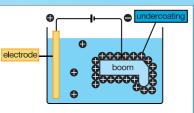
AUTOMATIC SLEWING LOCK: The boom

is mechanically locked at the slewing post base which prevents boom rotation during travelina.



### 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.



### 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-ZE290MH series



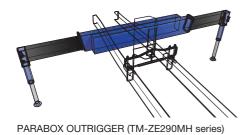
### **HOOK IN SYSTEM (TM-ZE290MH only)**

The TM-ZE290MH feature 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.

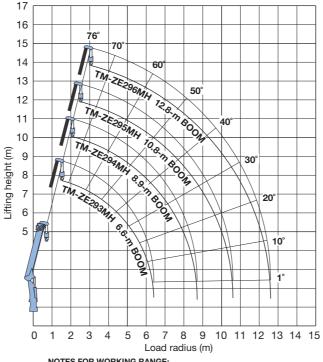






TM-ZE294MH

### **WORKING RANGE**



NOTES FOR WORKING RANGE: Boom deflection, and subsequent radius and boom angle change must be accounted for when applying load to hook.

### ▲ Max. load 10 m TM-ZE293MH ▲3,030 kg at 1.5 m TM-ZE294MH ▲ 3,030 kg at 1.5 m TM-ZE295MH ▲ 3,030 kg at 1.4 m TM-ZE296MH ▲ 3,030 kg at 1.4 m The cables and sheaves are all internal - for a clean, clutter - free appearance. Except 6 section boom

### **TECHNICAL SPECIFICATIONS**

| MODEL                         | TM-ZE293M   | TM-ZE293MH*   | TM-ZE294M                         | TM-ZE294MH*  | TM-ZE295M            | TM-ZE295MH*         | TM-ZE296M    | TM-ZE296MH   |  |  |  |  |  |
|-------------------------------|---|---------------|-----------------------------------|--|----------------------|---------------------|--------------|--------------|--|--|--|--|--|
| CRANE CAPACITY                | 3,030 k   | g at 1.5 m    | 3,030 k                           | g at 1.5 m   | 3,030 kg             | at 1.4 m            | 3,030 k      | kg at 1.4 m  |  |  |  |  |  |
|                               | (4-par  | ts of line)   | (4-pa                             | rts of line)   | (4-par               | ts of line)         | (4-pa        | rts of line) |  |  |  |  |  |
| BOOM                          |   | Fully         | y powered tele                    | escoping boom  | of pentagona         | l box construct     | ion.         |              |  |  |  |  |  |
| Number of sections            |   | 3             |                                   | 4  |                      | 5                   |              | 6            |  |  |  |  |  |
| Length                        | 2.85 m  | n–6.6 m       | 3.17 n                            | n–8.9 m  | 3.13 m               | –10.8 m             | 3.23 m       | 1–12.8 m     |  |  |  |  |  |
| Extending speed               | 3.75 m  | / 10.5 s      | 5.73 r                            | m / 13 s   |                      | / 15.5 s            | 9.57 r       | m / 17 s     |  |  |  |  |  |
| Elevating range/speed         |   |               |                                   | 1° to 76   | °/6s                 |                     |              |              |  |  |  |  |  |
| Max. lifting height**         | Approx  | . 7.8 m**     | Approx.                           | . 10.0 m**   | Approx.              | 11.8 m**            | Approx.      | . 13.8 m**   |  |  |  |  |  |
| Max. load radius**            | 6.4   | m**           | 8.7                               | ' m**  | 10.6                 | 3 m**               | 12.0         | 6 m**        |  |  |  |  |  |
| WINCH                         |   |               |                                   | Hydraulic m  | aulic motor driven.  |                     |              |              |  |  |  |  |  |
|                               |   |               | Spur gear spe                     | ed reduction, p                                      | provided with r      | mechanical bral     | ke.          |              |  |  |  |  |  |
| Max. single line pull         |   |               |                                   | 7.45 kN {7   |                      |                     |              |              |  |  |  |  |  |
| Max. single line speed        |   |               |                                   | 68 m/min. (a   | t 4th layer)         |                     |              |              |  |  |  |  |  |
| Wire rope (Diameter x length) | 8 mm  | x 45 m        | 8 mm                              | x 56 m   | 8 mm                 | x 66 m              | 8 mm         | x 75 m       |  |  |  |  |  |
| SLEWING                       |   |               |                                   | otor driven. Wo                                      |                      |                     |              |              |  |  |  |  |  |
|                               |   | Continuous 36 | 0° full circle s                  | lewing on ball b                                     |                      | ng. Automatic s     | lewing lock. |              |  |  |  |  |  |
| Slewing speed                 |   |               |                                   | 2.5 min-   | 1 {rpm}              |                     |              |              |  |  |  |  |  |
| OUTRIGGERS                    |   | N             | /lanually exten                   | nded sliders and                                     | d hydraulically      | extended jacks      | 3            |              |  |  |  |  |  |
|                               |   |               |                                   | Integral with c                                      | rane frame           |                     |              |              |  |  |  |  |  |
| Extension width               |   |               | Max.: 3.4                         | m, Mid.: 2.9m  | / 2.4 m, Min.        | : 1.72 m            |              |              |  |  |  |  |  |
| HYDRAULIC SYSTEM              |   |               |                                   |  |                      |                     |              |              |  |  |  |  |  |
| Control valves                | Multiple control valves with integral safety valves |               |                                   |  |                      |                     |              |              |  |  |  |  |  |
| STANDARD SAFETY DEVICES       |   | •Load         | meter •Load                       | ad indicator •Anti-two-block alarm •Hoisting limiter |                      |                     |              |              |  |  |  |  |  |
|                               |   |               | <ul> <li>Hook safety l</li> </ul> | latch •Hydraulio                                     | safety valves        | •Level gauge        | auge         |              |  |  |  |  |  |
| SUITABLE TRUCKS               |   | G             | ross vehicle m                    | nass (including                                      | crane mass) 4        | 1,500 to 8,000 k    | g            |              |  |  |  |  |  |
|                               |   |               | * WITH HOOK S                     | STOWING DEVICE, M                                    | echanically stows ho | ook beneath boom he | ad.          |              |  |  |  |  |  |

### **RATED LIFTING CAPACITIES (With empty chassis)**

| Table A  |   |  |  |                          |   |  |   |  |  |   | Table D   |                            |
|--|---|--|--|--------------------------|---|--|---|--|--|---|---|----------------------------|
| TM-ZE293M / ZE2  | 93MH  |  |  |                          |   |  |   |  |  |   | TM-ZE293M / ZE29  | эзмн                       |
| • 2.85-m/4.74-m boo  |   |  |  |                          |   |  |   |  |  |   | <ul> <li>2.85-m/4.74-m boor</li> </ul>                          | n                          |
| Load radius (m)  | 1.5 and<br>below  | 2.0  |  | 2.5                      | 3.0   |  | 3.5                                     | 4.0  |  | 4.54                                    | Load radius (m)   | 1.5 and<br>below           |
| Rated lifting capacity (kg)  | 3,030   | 2,28   | 0   1                                    | ,730                     | 1,23  | 30                                       | 930                                     | 730  |  | 630                                     | Rated lifting capacity (kg)                                     | 3,030                      |
| • 6.6-m boom   | To o and  | 2.5  | 3.0                                      | 3.5                      | 4.0   | 4.5                                      | 5.0                                     | 5.5  | 6.0  | 6.4                                     | <ul> <li>6.6-m boom</li> </ul>                                  |                            |
| Load radius (m)  | 2.2 and<br>below<br>1,880   | 1,630  | 1,230                                    | 930                      | 730   | 580                                      | 480                                     | 430  | 380  | 350                                     | Load radius (m)   | 2.2 and below              |
| Rated lifting capacity (kg)  | 1,880   | 1,630  | 1,230                                    | 930                      | /30   | 580                                      | 480                                     | 430  | 380  | 350                                     | Rated lifting capacity (kg)                                     | 1,880                      |
| TM-ZE294M / ZE2  | 94MH  |  |  |                          |   |  |   |  |  |   | TM-ZE294M / ZE29  | 94MH                       |
| • 3.17-m/5.12-m boo  |   |  |  | _                        |   |  |   |  |  |   | <ul> <li>3.17-m/5.12-m boor</li> </ul>                          |                            |
| Load radius (m)  | 1.5 and below   | 2.280  | 2.5                                      |                          | 3.0<br>1,180  | 3.5<br>880                               | 680                                     | _  | 4.5  | 530                                     | Load radius (m)   | 1.5 and below              |
| Rated lifting capacity (kg)  | 3,030   | 2,280  | 1,7                                      | 30                       | 1,180   | 880                                      | 680                                     | )   0  | 80   | 530                                     | Rated lifting capacity (kg)                                     | 3,030                      |
| 7.01-m boom  Load radius (m)   | 2.2 and   | 2.5  | 3.0                                      | 3.5                      | 4.0   | 4.5                                      | 5.0                                     | 5.5  | 6.0  | 6.81                                    | 7.01-m boom Load radius (m)                                     | lo o and                   |
| Rated lifting capacity (kg)  | 1,880   | 1.630  | 1.150                                    | 880                      | 680   | 580                                      | 480                                     | 400  | 350  | 300                                     | Rated lifting capacity (kg)                                     | 2.2 and<br>below<br>1,880  |
| • 8.9-m boom   | 1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,                                   | 1,,,,,,  | .,                                       |                          | 1   |  |   |  | 1  | 1                                       | 8.9-m boom  | 1,000                      |
| Load radius (m)  | 3.0 and   | 3.5  | 4.0                                      | <u> </u>                 | 5.0   | 6.0                                      | 7.0                                     | 1  | 8.0  | 8.7                                     | Load radius (m)   | 3.0 and below              |
| Rated lifting capacity (kg)  | 980   | 830  | 68                                       | 0                        | 450   | 350                                      | 280                                     |  | 230  | 200                                     | Rated lifting capacity (kg)                                     | 1,030                      |
|  |   |  |  |                          |   |  |   |  |  |   |   | OFNALL                     |
| Table C  |   |  |  |                          |   |  |   |  |  |   | TM-ZE295M / ZE29  ■ 3.13-m/5.07-m boom                          |                            |
| TM-ZE293M / ZE2  | 93MH  |  |  |                          |   |  |   |  |  |   | Load radius (m)   | 1.45 and<br>below          |
| • 2.85-m/4.74-m box  | om  |  |  |                          |   |  |   |  |  |   | Rated lifting capacity (kg)                                     | 3,030                      |
| Load radius (m)  | 1.5 and<br>below  | 2.0  |  | 2.5                      | 3.0   |  | 3.5                                     | 4.0  | _  | 4.54                                    | • 7.0-m boom  |                            |
| Rated lifting capacity (kg)  | 3,030   | 2,280  | )   1,                                   | ,830                     | 1,43  | 0  | 1,080                                   | 830  | 0  | 730                                     | Load radius (m)   | 2.2 and<br>below           |
| • 6.6-m boom   | and   |  |  |                          |   |  |   |  |  |   | Rated lifting capacity (kg)                                     | 1,880                      |
| Load radius (m)  | 2.2 and below   | 2.5  | 3.0                                      | 3.5                      | 4.0   | 4.5                                      | 5.0                                     | 5.5  | 6.0  | 6.4                                     | • 8.9-m boom  |                            |
| Rated lifting capacity (kg)  | 1,880   | 1,630  | 1,330                                    | 1,030                    | 830   | 680                                      | 580                                     | 530  | 480  | 430                                     | Load radius (m)   | 3.0 and<br>below           |
| TM-ZE294M / ZE2  | 048411  |  |  |                          |   |  |   |  |  |   | Rated lifting capacity (kg)                                     | 980                        |
|  |   |  |  |                          |   |  |   |  |  |   | • 10.8-m boom   |                            |
| • 3.17-m/5.12-m boo<br>Load radius (m)   | 1.5 and<br>helow  | 2.0  | 2.                                       | 5                        | 3.0   | 3.5                                      | 4.0                                     |  | 4.5  | 4.92                                    | Load radius (m)   | 4.0 and<br>below           |
| Rated lifting capacity (kg)  | 3,030   | 2,280  | 1,83                                     |                          | 1,380   | 1,030                                    | 830                                     |  | 680  | 580                                     | Rated lifting capacity (kg)                                     | 580                        |
| • 7.01-m boom  | 0,000   | 2,200  | 1,00                                     | 50                       | .,000   | 1,000                                    | 1 000                                   |  | 000  |   |   |                            |
| Load radius (m)  | 2.2 and<br>below  | 2.5  | 3.0                                      | 3.5                      | 4.0   | 4.5                                      | 5.0                                     | 5.5  | 6.0  | 6.81                                    | TM-ZE296M / ZE29  |                            |
| Rated lifting capacity (kg)  | 1,880   | 1,630  | 1,330                                    | 1,030                    | 800   | 680                                      | 580                                     | 480  | 430  | 350                                     | <ul> <li>3.23-m/5.17-m boor</li> <li>Load radius (m)</li> </ul> |                            |
| • 8.9-m boom   |   |  |  |                          |   |  |   |  |  |   | Rated lifting capacity (kg)                                     | 1.45 and<br>below<br>3,030 |
| Load radius (m)  | 3.0 and below   | 3.5  | 4.0                                      | )                        | 5.0   | 6.0                                      | 7.0                                     |  | 8.0  | 8.7                                     |   | 0,000                      |
| Rated lifting capacity (kg)  | 980   | 880  | 780                                      | D                        | 550   | 430                                      | 330                                     | ) 2  | 280  | 250                                     | 7.1-m boom Load radius (m)                                      | 2.2 and                    |
|  |   |  |  |                          |   |  |   |  |  |   | Rated lifting capacity (kg)                                     | 1,880                      |
| TM-ZE295M / ZE2  | 95MH  |  |  |                          |   |  |   |  |  |   | • 9.0-m boom  |                            |
| • 3.13-m/5.07-m boon   |   |  |  |                          |   |  |   |  |  |   | Load radius (m)   | 3.0 and below              |
| Load radius (m)  | 1.4 and<br>below  | 2.0  | 2.5                                      | _                        | 3.0   | 3.5                                      | 4.0                                     | _  | 4.5  | 4.87                                    | Rated lifting capacity (kg)                                     | 980                        |
| Rated lifting capacity (kg)  | 3,030   | 2,130  | 1,73                                     | 30   1                   | 1,330   | 980                                      | 780                                     | )   6  | 630  | 550                                     | • 10.9-m boom   |                            |
| • 7.0-m boom   | o o and   | 0.5  | 0.0                                      | 0.5                      | 1.0   | 4.5                                      | T = 0                                   |  | 1 0 0  | T c o                                   | Load radius (m)   | 4.0 and below              |
| Load radius (m) Rated lifting capacity (kg)  | 2.2 and<br>below<br>1.730   | 2.5<br>1,530   | 3.0<br>1,280                             | 3.5<br>980               | 4.0<br>780  | 4.5<br>630                               | 5.0<br>480                              | 5.5<br>430   | 6.0<br>380   | 6.8<br>300                              | Rated lifting capacity (kg)                                     | 580                        |
|  | 1,730   | 1,550  | 1,200                                    | 900                      | 700   | 630                                      | 400                                     | 430  | 360  | 300                                     | • 12.8-m boom   |                            |
| 8.9-m boom Load radius (m)   | 3.0 and<br>below  | 3.5  | 4.0                                      | )                        | 5.0   | 6.0                                      | 7.0                                     |  | 8.0  | 8.7                                     | Load radius (m)   | 5.3 and<br>below           |
| Rated lifting capacity (kg)  | 930   | 830  | 730                                      | -                        | 480   | 380                                      | 280                                     | -  | 230  | 200                                     | Rated lifting capacity (kg)                                     | 280                        |
|  |   |  |  |                          |   |  |   |  |  |   |   |                            |
| <ul> <li>10.8-m hoom</li> </ul>  |   |  | _  | 6.0                      | n 7   | .0.                                      | 3.0                                     | 9.0  | 10.0   |   |   |                            |
| 10.8-m boom Load radius (m)  | 4.0 and below   | 4.5  | 5.0                                      |                          |   |  |   |  | 10.0   | 10.6                                    |   |                            |
|  | 4.0 and<br>below<br>480   | 4.5<br>430   | 380                                      | 30                       | -   |  | 30 :                                    | 200  | 180  | 10.6                                    |   |                            |
| Load radius (m)  Rated lifting capacity (kg)   | 480   |  |  |                          | -   |  | 30                                      |  |  | 1010                                    |   |                            |
| Load radius (m) Rated lifting capacity (kg) TM-ZE296M / ZE2  | 480   |  |  |                          | -   |  | 30                                      |  |  | 1010                                    |   |                            |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boon   | 480<br><b>96MH</b>  | 430  | 380                                      | 30                       | 0 20  | 60 2                                     |   | 200  | 180  | 150                                     |   |                            |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boom Load radius (m)   | 96MH  | 430  | 380                                      | 30                       | 3.0   | 3.5                                      | 4.0                                     | 200  |  | 1010                                    |   |                            |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  • 3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)   | 480<br><b>96MH</b>  | 430  | 380                                      | 30                       | 0 20  | 60 2                                     |   | 200  | 180  | 4.97                                    |   |                            |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)  7.1-m boom Load radius (m)   | 96MH  | 2.0<br>2,130   | 2.5<br>1,73                              | 3.5                      | 3.0   | 3.5<br>1,230                             | 4.0<br>1,03                             | 0 8  | 4.5<br>B30   | 4.97<br>680                             |   |                            |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)  7.1-m boom   | 96MH 1.4 and below 3,030  | 2.0 2,130  | 2.5                                      | 30                       | 3.0   | 3.5<br>1,230                             | 4.0                                     | 200  | 180<br>4.5<br>830  | 4.97<br>680                             |   |                            |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)  7.1-m boom Load radius (m) Rated lifting capacity (kg)  9.0-m boom   | 96MH 1.4 and below 3,030 2.2 and below 1,730                              | 2.0<br>2,130<br>2.5<br>1,530                             | 3.0<br>1,280                             | 30<br>30<br>3.5<br>1,080 | 3.0<br>1,430<br>4.0<br>930                                | 3.5<br>1,230<br>4.5<br>780               | 4.0<br>1,03<br>5.0<br>680               | 0 8  | 4.5<br>830<br>6.0<br>480                                     | 4.97<br>680<br>6.9<br>380               |   |                            |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)  7.1-m boom Load radius (m) Rated lifting capacity (kg)  9.0-m boom Load radius (m)   | 96MH 1.4 and below 3,030  2.2 and below 1,730  3.0 and below              | 2.0<br>2,130<br>2.5<br>1,530                             | 380<br>2.5<br>1,73<br>3.0<br>1,280       | 30<br>30<br>3.5<br>1,080 | 3.0<br>1,430<br>4.0<br>930                                | 3.5<br>1,230<br>4.5<br>780               | 4.0<br>1,03<br>5.0<br>680               | 0 8  | 180<br>4.5<br>830<br>6.0<br>480                              | 4.97<br>680<br>6.9<br>380               |   |                            |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)  7.1-m boom Load radius (m) Rated lifting capacity (kg)  9.0-m boom Load radius (m) Rated lifting capacity (kg)  10.0-m boom Rated lifting capacity (kg) Rated lifting capacity (kg)  | 96MH 1.4 and below 3,030 2.2 and below 1,730                              | 2.0<br>2,130<br>2.5<br>1,530                             | 3.0<br>1,280                             | 30<br>30<br>3.5<br>1,080 | 3.0<br>1,430<br>4.0<br>930                                | 3.5<br>1,230<br>4.5<br>780               | 4.0<br>1,03<br>5.0<br>680               | 0 8  | 4.5<br>830<br>6.0<br>480                                     | 4.97<br>680<br>6.9<br>380               |   |                            |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)  7.1-m boom Load radius (m) Rated lifting capacity (kg)  9.0-m boom Load radius (m) Rated lifting capacity (kg)  10.9-m boom  | 96MH 1.4 and below 3,030  2.2 and below 1,730  3.0 and 930                | 2.0<br>2,130<br>2,130<br>2.5<br>1,530<br>3.5<br>830      | 3.0<br>1,280<br>4.0<br>730               | 3.5<br>1,080             | 3.0   1,430   4.0   930   5.0   580                       | 3.5<br>1,230<br>4.5<br>780<br>6.0<br>480 | 4.0<br>1,03<br>5.0<br>680<br>7.0        | 0 8  | 180<br>4.5<br>830<br>6.0<br>480<br>8.0<br>280                | 4.97<br>680<br>6.9<br>380<br>8.8<br>230 | NOTES FOR TECHNIC   | AL SPE                     |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)  7.1-m boom Load radius (m) Rated lifting capacity (kg)  9.0-m boom Load radius (m) Rated lifting capacity (kg)  9.0-m boom Load radius (m) Rated lifting capacity (kg)  10.9-m boom Load radius (m)                              | 96MH 1.4 and below 3,030  2.2 and below 1,730  3.0 and 930  4.0 and below | 2.0<br>2,130<br>2.5<br>1,530<br>3.5<br>830               | 3.0<br>1,280<br>4.0<br>730               | 3.5<br>1,080             | 3.0   1,430   4.0   930   5.0   580                       | 3.5<br>1,230<br>4.5<br>780<br>6.0<br>480 | 4.0<br>1,03<br>5.0<br>680<br>7.0<br>380 | 2000 8<br>0 8<br>5.5<br>580  | 180<br>4.5<br>830<br>6.0<br>480<br>8.0<br>280                | 4.97<br>680<br>6.9<br>380<br>8.8<br>230 | NOTES FOR TECHNIC Operating speeds of the                       |                            |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)  7.1-m boom Load radius (m) Rated lifting capacity (kg)  9.0-m boom Load radius (m) Rated lifting capacity (kg)  10.9-m boom Load radius (m) Rated lifting capacity (kg)  10.9-m boom Load radius (m) Rated lifting capacity (kg) | 96MH 1.4 and below 3,030  2.2 and below 1,730  3.0 and 930                | 2.0<br>2,130<br>2,130<br>2.5<br>1,530<br>3.5<br>830      | 3.0<br>1,280<br>4.0<br>730               | 3.5<br>1,080             | 3.0   1,430   4.0   930   5.0   580                       | 3.5<br>1,230<br>4.5<br>780<br>6.0<br>480 | 4.0<br>1,03<br>5.0<br>680<br>7.0<br>380 | 0 8  | 180<br>4.5<br>830<br>6.0<br>480<br>8.0<br>280                | 4.97<br>680<br>6.9<br>380<br>8.8<br>230 | Operating speeds of the   | crane are                  |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  • 3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)  • 7.1-m boom Load radius (m) Rated lifting capacity (kg)  • 9.0-m boom Load radius (m) Rated lifting capacity (kg)  • 10.9-m boom Load radius (m) Rated lifting capacity (kg)  • 11.8-m boom                                   | 96MH  1   | 2.0<br>2,130<br>2.5<br>1,530<br>3.5<br>830<br>4.5<br>430 | 3.0<br>1,280<br>4.0<br>730<br>5.0<br>3.0 | 3.5<br>1,080<br>0   6.0  | 3.0<br>1,430<br>4.0<br>930<br>5.0<br>580<br>0 7.0<br>0 20 | 3.5<br>1,230<br>4.5<br>780<br>6.0<br>480 | 4.0<br>1,03<br>5.0<br>680<br>7.0<br>380 | 2000<br>0 8<br>5.5<br>580<br>9.0   | 180<br>4.5<br>830<br>6.0<br>480<br>8.0<br>280<br>10.0<br>180 | 4.97<br>680<br>6.9<br>380<br>8.8<br>230 | Operating speeds of the NOTES FOR RATED L                       | crane are                  |
| Load radius (m) Rated lifting capacity (kg)  TM-ZE296M / ZE2  3.23-m/5.17-m boon Load radius (m) Rated lifting capacity (kg)  7.1-m boom Load radius (m) Rated lifting capacity (kg)  9.0-m boom Load radius (m) Rated lifting capacity (kg)  10.9-m boom Load radius (m) Rated lifting capacity (kg)  10.9-m boom Load radius (m) Rated lifting capacity (kg) | 96MH 1.4 and below 3,030  2.2 and below 1,730  3.0 and 930  4.0 and below | 2.0<br>2,130<br>2.5<br>1,530<br>3.5<br>830               | 3.0<br>1,280<br>4.0<br>730               | 3.5<br>1,080<br>0   6.0  | 3.0   1,430   4.0   930   5.0   580                       | 3.5<br>1,230<br>4.5<br>780<br>6.0<br>480 | 4.0<br>1,03<br>5.0<br>680<br>7.0<br>380 | 2000   2000   5.5   580   2000   1000 | 180<br>4.5<br>830<br>6.0<br>480<br>8.0<br>280                | 4.97<br>680<br>6.9<br>380<br>8.8<br>230 | Operating speeds of the   | crane are                  |

| oad radius (m)                 | 1.5 and below           | 2.0        |          |      | 2.5    |     |               | 3.0      | )        | ;             | 3.5 | Т             |         | 4.0    |      | 4.5      | 4        |
|--------------------------------|-------------------------|------------|----------|------|--------|-----|---------------|----------|----------|---------------|-----|---------------|---------|--------|------|----------|----------|
| Rated lifting capacity (kg)    | 3,030                   | 2,330      | )        | 1    | ,880   | )   | 1             | ,50      | 00       | 1,            | 250 | $\top$        | 1,      | ,080   | 5    | 98       |          |
| ● 6.6-m boom                   |                         |            |          |      |        |     |               |          |          |               |     |               |         |        |      |          |          |
| oad radius (m)                 | 2.2 and below           | 2.5        | 3.       | 0    | 3.     | .5  | 4             | .0       | 4.       | .5            | 5.0 | )             | 5.5     | 5      | 6.0  | (        | 6.4      |
| Rated lifting capacity (kg)    | 1,880                   | 1,680      | 1,4      | 30   | 1,2    | 30  | 1,0           | 080      | 95       | 50            | 830 | )             | 73      | 0      | 650  | 5        | 80       |
| 5 17 7 ( 5)                    |                         |            |          |      |        |     |               |          |          |               |     |               |         |        |      |          |          |
| TM-ZE294M / ZE29               | 4МН                     |            |          |      |        |     |               |          |          |               |     |               |         |        |      |          |          |
| 3.17-m/5.12-m boon             |                         |            |          |      |        |     |               |          |          |               |     |               |         |        |      |          |          |
| oad radius (m)                 | 1.5 and below           | 2.0        |          | 2.   | 5      |     | 3.0           |          | 3.       | .5            | 4   | 1.0           |         | 4.     | .5   | 4.9      | 92       |
| Rated lifting capacity (kg)    | 3,030                   | 2,330      |          | 1,8  | 80     | 1   | ,500          | 0_       | 1,2      | 50            | 1,0 | 080           |         | 93     | 30   | 85       | 0        |
| 7.01-m boom                    |                         |            |          |      |        |     |               |          |          |               |     |               |         |        |      |          |          |
| oad radius (m)                 | 2.2 and below           | 2.5        | 3.       | _    | 3.     | _   | _             | .0       | 4.       | _             | 5.0 | _             | 5.5     |        | 6.0  | _        | .81      |
| Rated lifting capacity (kg)    | 1,880                   | 1,680      | 1,4      | 30   | 1,2    | 30  | 1,0           | 80       | 93       | 30            | 830 | )             | 73      | 0      | 650  | 5        | 80       |
| 8.9-m boom                     |                         |            |          |      |        |     |               |          |          |               |     |               |         |        |      |          |          |
| oad radius (m)                 | 3.0 and below           | 3.5        |          | 4.   |        | :   | 5.0           |          | 6.       |               | _   | 7.0           |         | _      | .0   | 8.       |          |
| Rated lifting capacity (kg)    | 1,030                   | 930        |          | 83   | 30     | (   | 680           |          | 58       | 30            | 4   | 80            |         | 40     | 00   | 35       | 0        |
|                                |                         |            |          |      |        |     |               |          |          |               |     |               |         |        |      |          |          |
| TM-ZE295M / ZE29               |                         |            |          |      |        |     |               |          |          |               |     |               |         |        |      |          |          |
| 3.13-m/5.07-m boon             |                         | 0.0        | _        | _    | _      | _   | 0.0           |          |          | _             |     | 4.0           | _       |        |      | _        | 07       |
| _oad radius (m)                | 1.45 and<br>below       | 2.0        | +        | 2.   | _      | _   | 3.0           | $\dashv$ |          | .5            | _   | 4.0           | +       |        | .5   |          | 87       |
| Rated lifting capacity (kg)    | 3,030                   | 2,180      |          | 1,73 | 30     | 1   | ,430          | ,        | 1,2      | 30            | 1,  | 080           | $\perp$ | 9      | 30   | 8        | 30       |
| 7.0-m boom                     | a and                   | 2 - 1      | _        | _    |        | _   | _             | _        | - 4      | _             | E 0 |               |         | -      | 6.0  | _        | 0 0      |
| _oad radius (m)                | 2.2 and<br>below        | 2.5        | 3.       | _    | 3.     | _   | _             | .0       | -        | .5            | 5.0 | $\rightarrow$ | 5.5     | _      | 6.0  | _        | 8.8      |
| Rated lifting capacity (kg)    | 1,880                   | 1,680      | 1,4      | 3U   | 1,18   | BU  | 1,0           | 30       | 88       | 30            | 780 | ,             | 68      | U      | 630  | -        | 530      |
| 8.9-m boom                     | a o and                 | 2.5        | _        | 4 1  | `      |     | E 0           | _        |          | _             | -   | 7.0           | _       | _      | 0 1  |          | 7        |
| _oad radius (m)                | 3.0 and<br>below<br>980 | 3.5<br>900 | +        | 83   | _      | -   | 5.0<br>680    | $\dashv$ | 6<br>58  |               | -   | 7.0<br>180    | +       | _      | 80   |          | .7<br>50 |
| Rated lifting capacity (kg)    | 980                     | 900        |          | 83   | U      | _ ( | UBU           |          | 30       | υ             | 1 4 | +dU           | $\perp$ | 3      | οU   | 3        | JU       |
| 10.8-m boom     oad radius (m) | 4.0 and below           | 4.5        |          | 5.0  | _      | 6.0 |               | 7        | .0       | 8.            | 0 1 | -             | 0.0     | _      | 10.0 | -        | 0.6      |
| . ,                            | 4.0 below<br>580        | 530        | -        | 180  | +      | 400 | $\rightarrow$ |          | .u<br>30 | 28            | _   | _             | 50      | +      | 230  | -        | 210      |
| Rated lifting capacity (kg)    | 580                     | 530        | <u> </u> | +0U  |        | 400 | ,             | 30       | 50       |               | 0   |               | 50      |        | 230  |          | 10       |
| TM-ZE296M / ZE29               | емн                     |            |          |      |        |     |               |          |          |               |     |               |         |        |      |          |          |
| • 3.23-m/5.17-m boon           |                         |            |          |      |        |     |               |          |          |               |     |               |         |        |      |          |          |
| oad radius (m)                 | 1.45 and<br>below       | 2.0        | $\top$   | 2.   | 5      |     | 3.0           |          | ,3       | .5            | _   | 4.0           | Т       |        | .5   | 4        | 97       |
| Rated lifting capacity (kg)    | 3,030                   | 2,180      | +        | 1,73 | _      | -   | ,430          | ,        | 1,2      |               | _   | 050           | $\pm$   |        | 00   |          | 00       |
| 7.1-m boom                     | 5,000                   | 2,.50      |          | .,,, |        |     | ,             | - 1      | .,_      |               | ,   |               |         |        |      |          |          |
| _oad radius (m)                | 2.2and<br>below         | 2.5        | 3.       | 0    | 3.     | .5  | 4.            | .0       | 4        | .5            | 5.0 | )             | 5.5     | 5      | 6.0  | Т.       | 6.9      |
| Rated lifting capacity (kg)    | 1,880                   | 1.680      | 1,43     | _    | 1.1    | _   | 1.0           | _        | 88       | $\rightarrow$ | 780 | _             | 68      | _      | 600  | _        | 500      |
| • 9.0-m boom                   | ,                       | ,          | ,        |      | ,,,,   |     | ,-            | _        |          |               |     |               |         |        |      |          |          |
| _oad radius (m)                | 3.0 and below           | 3.5        | Т        | 4.0  | )      |     | 5.0           |          | 6.       | .0            | 7   | 7.0           | Т       | 8      | 3.0  | 8        | .8       |
| Rated lifting capacity (kg)    | 980                     | 900        | +        | 83   |        | _   | 680           | _        | 58       |               | _   | 180           | +       |        | 80   |          | 30       |
| • 10.9-m boom                  |                         |            |          |      |        | _   |               | _        |          |               |     |               |         | _      |      |          |          |
| _oad radius (m)                | 4.0 and below           | 4.5        |          | 5.0  | Т      | 6.0 | П             | 7        | .0       | 8.            | 0   | 9             | 0.0     | Т      | 10.0 | 1        | 0.7      |
| Rated lifting capacity (kg)    | 580                     | 530        | _        | 80   | $\top$ | 400 | )             | 33       | 30       | 28            | 0   | 2             | 50      | $^{+}$ | 230  | 1 2      | 210      |
| • 12.8-m boom                  |                         |            |          |      |        |     | _             |          |          |               |     | Ť             |         | _      |      | <u> </u> |          |
| _oad radius (m)                | 5.3 and below           | 6.0        | Т        | 7.0  | )      |     | 8.0           |          | 9        | .0            | 1   | 0.0           | Т       | 11     | 1.0  | 12       | 2.6      |
| Rated lifting capacity (kg)    | 280                     | 250        | +        | 22   |        | _   | 200           | $\dashv$ | 18       |               | _   | 60            | +       |        | 40   |          | 20       |
| 3 - 4 - 7 (-3)                 |                         |            |          |      |        | _   |               | _        |          |               |     |               |         |        |      |          |          |

#### NOTES FOR TECHNICAL SPECIFICATIONS:

Operating speeds of the crane are guaranteed under the conditions that the pump delivery is 53 L/min. NOTES FOR RATED LIFTING CAPACITIES:

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

<sup>\*</sup> 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.

### TM-ZE260MH series



### **HOOK IN SYSTEM (TM-ZE260MH only)**

The TM-ZE260MH features the "Hook-In" system to further enhance work efficiency.

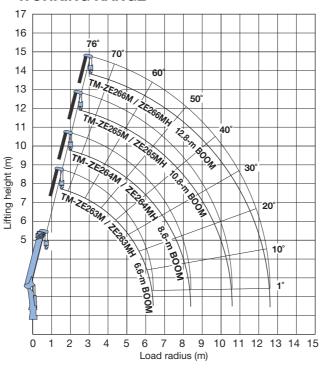
A pull of a lever and the crane hook is stowed automatically.

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.



### **TECHNICAL SPECIFICATIONS**

| MODEL                         | TM-ZE263M | TM-ZE263MH*   | TM-ZE264M        | TM-ZE264MH*           | TM-ZE265M                              | TM-ZE265MH*         | TM-ZE266M     | TM-ZE266MH |  |  |  |  |  |
|-------------------------------|-----------|---------------|------------------|-----------------------|--|---------------------|---------------|------------|--|--|--|--|--|
| CRANE CAPACITY                | 2,630 kg  | at 1.6 m      | 2,630 kg         | at 1.6 m              | 2,630 kg                               | at 1.5 m            | 2,630 kg      | at 1.5 m   |  |  |  |  |  |
|                               | (4-part   | s of line)    | (4-parts         | s of line)            | (4-par                                 | ts of line)         | (4-part       | s of line) |  |  |  |  |  |
| BOOM                          |           | Fully         | y powered tele   | scoping boom          | of pentagona                           | l box construct     | tion.         |            |  |  |  |  |  |
| Number of sections            | ;         | 3             |                  | 4                     |  | 5                   |               | 6          |  |  |  |  |  |
| Length                        | 2.85 m    | - 6.6 m       | 2.87 m           | - 8.6 m               | 3.13 m                                 | - 10.8 m            | 3.23 m        | - 12.8 m   |  |  |  |  |  |
| Extending speed               | 3.75 m    | 1/10s         | 5.73 m           | n / 12 s              | 7.67 m                                 | / 15.5 s            | 9.57 ו        | m / 17 s   |  |  |  |  |  |
| Elevating range/speed         |           |               |                  | 1° to 76°             | °/6s                                   |                     |               |            |  |  |  |  |  |
| Max. lifting height**         | Approx    | . 7.8 m**     | Approx           | . 9.7 m**             | Approx.                                | 11.8 m**            | Approx        | . 13.8 m** |  |  |  |  |  |
| Max. load radius**            | 6.4       | m**           | 8.4              | m**                   | 10.6                                   | 3 m**               | 12.0          | 6 m**      |  |  |  |  |  |
| WINCH                         |           |               |                  | Hydraulic m           | c motor driven.                        |                     |               |            |  |  |  |  |  |
|                               |           |               | Spur gear spe    | ed reduction, p       | ction, provided with mechanical brake. |                     |               |            |  |  |  |  |  |
| Max. single line pull         |           |               |                  | 6.47 kN {6            | 660 kgf}                               |                     |               |            |  |  |  |  |  |
| Max. single line speed        |           |               |                  | 68 m/min. (a          | t 4th layer)                           |                     |               |            |  |  |  |  |  |
| Wire rope (Diameter x length) | 8 mm      | x 45 m        |                  | x 54 m                |  | x 66 m              | 8 mm          | x 75 m     |  |  |  |  |  |
| SLEWING                       |           |               | Hydraulic mo     | otor driven. Wo       | rm gear spee                           | d reduction.        |               |            |  |  |  |  |  |
|                               |           | Continuous 36 | 0° full circle s | lewing on ball b      | pearing slew ri                        | ng. Automatic       | slewing lock. |            |  |  |  |  |  |
| Slewing speed                 |           |               |                  | 2.5 min <sup>-1</sup> | <sup>1</sup> {rpm}                     |                     |               |            |  |  |  |  |  |
| OUTRIGGERS                    |           | N             | /lanually exten  | ided sliders and      | d hydraulically                        | extended jack       | s             |            |  |  |  |  |  |
|                               |           |               |                  | Integral with c       | rane frame                             |                     |               |            |  |  |  |  |  |
| Extension width               |           |               | Max.:            | 3.0 m, Mid.: 2        | .4 m, Min.: 1                          | .72 m               |               |            |  |  |  |  |  |
| HYDRAULIC SYSTEM              |           |               |                  |                       |  |                     |               |            |  |  |  |  |  |
| Control valves                |           |               | Multiple o       | ontrol valves w       | ith integral sa                        | fety valves         |               |            |  |  |  |  |  |
| STANDARD SAFETY DEVICE        |           | •Load         | meter •Load      | indicator •Anti-      | -two-block ala                         | rm •Hoisting li     | miter         |            |  |  |  |  |  |
|                               |           | •             | Hook safety la   | atch •Hydraulio       | safety valves                          | •Level gauge        |               |            |  |  |  |  |  |
| SUITABLE TRUCKS               |           | G             | ross vehicle m   | ass (including        | crane mass) 4                          | 4,500 to 8,000 l    | kg            |            |  |  |  |  |  |
|                               |           |               | * WITH HOOK S    | STOWING DEVICE M      | achanically etowe h                    | nok hanaath hoom ha | ad            |            |  |  |  |  |  |

\* 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 4

| <ul> <li>2.85-m/4.74-m boor</li> </ul>                  | m                   |       |       |     |        |   |       |     |     |            |      |
|---|---------------------|-------|-------|-----|--------|---|-------|-----|-----|------------|------|
| Load radius (m)   | 1.6 and below       | 1.8   | 2.    | 0   | 2.5    |   | 3.0   | 3.5 |     | 4.0        | 4.54 |
| Rated lifting capacity (kg)                             | 2,630               | 2,230 | 2,0   | 30  | 1,480  | ) | 1,030 | 780 |     | 630        | 530  |
| • 6.6-m boom  |                     |       |       |     |        |   |       |     |     |            |      |
| Load radius (m)   | 2.6 and below       | 2.8   | 3.0   | 3.5 | 5 4.   | 0 | 4.5   | 5.0 | 5.5 | 6.0        | 6.4  |
| Rated lifting capacity (kg)                             | 1,230               | 1,130 | 1,030 | 78  | 0 63   | 0 | 530   | 430 | 380 | 350        | 330  |
|   |                     |       |       |     |        |   |       |     |     |            |      |
| TM-ZE264M / ZE26  | 54MH                |       |       |     |        |   |       |     |     |            |      |
| <ul> <li>2.87-m/4.82-m boo</li> </ul>                   |                     |       |       |     |        |   |       |     |     |            |      |
| Load radius (m)   | 1.6 and below       | 1.8   | 2.    | 0   | 2.5    |   | 3.0   | 3.5 |     | 4.0        | 4.62 |
| Rated lifting capacity (kg)                             | 2,630               | 2,230 | 2,0   | 30  | 1,480  | 1 | 1,030 | 780 |     | 630        | 480  |
|   |                     |       |       |     |        |   |       |     |     |            |      |
| <ul> <li>6.71-m boom</li> </ul>                         |                     | 0.0   | 3.0   | 3.  | 5 4.   | n | 4.5   | 5.0 | 5.5 | 6.0        | 6.51 |
|   | 2.6 and below       | 2.8   | 3.0   | ٥.: | 5   4. | U |       |     |     |            |      |
| 6.71-m boom Load radius (m) Rated lifting capacity (kg) | 2.6 and below 1,230 | 1,130 | 1,030 | 78  | _      |   | 530   | 430 | 380 | 350        | 300  |
| Load radius (m)   | 1,230               | _     |       | _   | _      |   | _     | 430 | 380 | 350        | 300  |
| Load radius (m)<br>Rated lifting capacity (kg)          |                     | _     |       | 78  | _      |   | _     | 430 |     | 350<br>8.0 | 8.4  |

| Table C                     |                  |       |       |     |    |     |     |     |     |      |
|-----------------------------|------------------|-------|-------|-----|----|-----|-----|-----|-----|------|
| TM-ZE263M / ZE2             | 63MH             |       |       |     |    |     |     |     |     |      |
| • 2.85-m/4.74-m boo         | om               |       |       |     |    |     |     |     |     |      |
| Load radius (m)             | 1.6 and<br>below | 1.8   | 2.0   | 2.5 | 5  | 3   | .0  | 3.5 | 4.0 | 4.54 |
| Rated lifting capacity (kg) | 2,630            | 2,230 | 2,030 | 1,5 | 30 | 1,1 | 80  | 880 | 730 | 580  |
| • 6.6-m boom                |                  |       |       |     |    |     |     |     |     |      |
| Load radius (m)             | 2.8 and<br>below | 3.0   | 3.5   | 4.0 | 4  | .5  | 5.0 | 5.5 | 6.0 | 6.4  |
| Rated lifting capacity (kg) | 1,230            | 1,130 | 880   | 680 | 5  | 80  | 480 | 430 | 380 | 350  |

# TM-ZE264M / ZE264MH ● 2.87-m/4.82-m boom Load radius (m) 1.6 models 1.8 2.0 2.5 3.0 3.5 4.0 4.62 Rated lifting capacity (kg) 2.630 2.230 2.030 1,530 1,130 880 680 530 ● 6.71-m boom Load radius (m) 2.8 models 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.51 Rated lifting capacity (kg) 1,230 1,130 880 680 580 480 400 380 330 ● 8.6-m boom Load radius (m) 4.0 models 4.5 5.0 6.0 7.0 8.0 8.4 Rated lifting capacity (kg) 680 580 480 380 280 230 200

| IM-ZE265M / ZE2             | 65MH             |       |    |      |     |      |     |     |     |     |     |    |      |   |      |
|-----------------------------|------------------|-------|----|------|-----|------|-----|-----|-----|-----|-----|----|------|---|------|
| 3.13-m/5.07-m boom          | 1                |       |    |      |     |      |     |     |     |     |     |    |      |   |      |
| _oad radius (m)             | 1.5 and<br>below | 1.8   | П  | 2.0  |     | 2.5  |     | 3.  | 0   | 3   | 3.5 |    | 4.0  | Г | 4.87 |
| Rated lifting capacity (kg) | 2,630            | 2,130 | 1  | ,930 | 1   | ,530 | 0   | 1,0 | 30  | 7   | 730 |    | 580  | Г | 430  |
| ● 7.0-m boom                |                  |       |    |      |     |      |     |     |     |     |     |    |      |   |      |
| _oad radius (m)             | 2.8 and<br>below | 3.0   | 3  | .5   | 4.0 | )    | 4.  | .5  | 5.0 | )   | 5.5 |    | 6.0  |   | 6.8  |
| Rated lifting capacity (kg) | 1,230            | 1,030 | 73 | 30   | 580 | )    | 48  | 30  | 40  | 0   | 330 | )  | 280  |   | 230  |
| ● 8.9-m boom                |                  |       |    |      |     |      |     |     |     |     |     |    |      |   |      |
| _oad radius (m)             | 3.7 and below    | 4.0   | Т  | 5.0  | )   |      | 6.0 | 0   | 7   | 7.0 |     | 8  | .0   |   | 8.7  |
| Rated lifting capacity (kg) | 680              | 580   | Т  | 380  | )   |      | 28  | 0   | 2   | 30  |     | 18 | 80   |   | 150  |
| ■ 10.8-m boom               |                  |       |    |      |     |      |     |     |     |     |     |    |      |   |      |
| Load radius (m)             | 4.5 and below    | 5.0   |    | 6.0  |     | 7.0  |     | 8.  | 0   | 9   | 9.0 |    | 10.0 | Τ | 10.6 |
| Rated lifting capacity (kg) | 380              | 330   |    | 250  |     | 210  |     | 18  | 0   | 1   | 50  |    | 130  | Т | 100  |
|                             |                  |       |    |      |     |      |     |     |     |     |     | _  |      |   |      |

| TM-ZE266M / ZE2             | 66MH             |       |       |   |       |     |     |      |   |      |      |
|-----------------------------|------------------|-------|-------|---|-------|-----|-----|------|---|------|------|
| • 3.23-m/5.17-m boom        | 1                |       |       |   |       |     |     |      |   |      |      |
| Load radius (m)             | 1.5 and<br>below | 1.8   | 2.0   |   | 2.5   | 3   | .0  | 3.5  |   | 4.0  | 4.97 |
| Rated lifting capacity (kg) | 2,630            | 2,130 | 1,930 | 1 | 1,530 | 1,2 | 230 | 1,03 | 0 | 880  | 630  |
| • 7.1-m boom                |                  |       |       |   |       |     |     |      |   |      |      |
| Load radius (m)             | 3.0 and below    | 3.5   | 4.0   |   | 4.5   | 5   | .0  | 5.5  |   | 6.0  | 6.9  |
| Rated lifting capacity (kg) | 1,230            | 1,030 | 880   |   | 730   | 58  | 30  | 530  |   | 480  | 380  |
| • 9.0-m boom                |                  |       |       |   |       |     |     |      |   |      |      |
| Load radius (m)             | 4.0 and below    | 4.5   | 5.0   |   | 6.    | 0   |     | 7.0  |   | 8.0  | 8.8  |
| Rated lifting capacity (kg) | 680              | 580   | 530   |   | 43    | 0   | ;   | 350  |   | 300  | 230  |
| • 10.9-m boom               |                  |       |       |   |       |     |     |      |   |      |      |
| Load radius (m)             | 4.5 and below    | 5.0   | 6.0   |   | 7.0   | 8   | .0  | 9.0  |   | 10.0 | 10.7 |
| Rated lifting capacity (kg) | 380              | 330   | 250   |   | 210   | 1   | 80  | 150  |   | 130  | 130  |
| • 12.8-m boom               |                  |       |       |   |       |     |     |      |   |      |      |
| Load radius (m)             | 6.0 and below    | 7.0   | 8.0   |   | 9.    | 0   | 1   | 0.0  |   | 11.0 | 12.6 |
| Rated lifting capacity (kg) | 220              | 180   | 150   |   | 13    | 0   | 1   | 20   |   | 120  | 100  |
|                             |                  |       |       |   |       |     |     |      |   |      |      |

| l able D                               |                  |       |       |      |       |     |    |     |     |      |
|--|------------------|-------|-------|------|-------|-----|----|-----|-----|------|
| TM-ZE263M / ZE26                       | ЗМН              |       |       |      |       |     |    |     |     |      |
| <ul> <li>2.85-m/4.74-m boor</li> </ul> | n                |       |       |      |       |     |    |     |     |      |
| Load radius (m)                        | 1.6 and below    | 1.8   | 2.0   | 2.5  | 5 3   | 3.0 | (  | 3.5 | 4.0 | 4.54 |
| Rated lifting capacity (kg)            | 2,630            | 2,230 | 2,030 | 1,63 | 30 1, | 330 | 1, | 130 | 980 | 880  |
| • 6.6-m boom                           |                  |       |       |      |       |     |    |     |     |      |
| Load radius (m)                        | 2.8 and<br>below | 3.0   | 3.5   | 4.0  | 4.5   | 5.0 | 0  | 5.5 | 6.0 | 6.4  |
| Rated lifting capacity (kg)            | 1,280            | 1,230 | 1,080 | 930  | 800   | 70  | 0  | 630 | 580 | 550  |

| M-ZE264M / ZE26             | 64MH             |       |       |     |       |     |     |      |     |     |      |
|-----------------------------|------------------|-------|-------|-----|-------|-----|-----|------|-----|-----|------|
| 2.87-m/4.82-m boon          | n                |       |       |     |       |     |     |      |     |     |      |
| oad radius (m)              | 1.6 and<br>below | 1.8   | 2.0   |     | 2.5   | 3.  | 0   | 3.5  |     | 4.0 | 4.62 |
| Rated lifting capacity (kg) | 2,630            | 2,230 | 2,030 | ) . | 1,630 | 1,3 | 30  | 1,13 | 0   | 980 | 830  |
| 6.71-m boom                 |                  |       |       |     |       |     |     |      |     |     |      |
| oad radius (m)              | 2.8 and<br>below | 3.0   | 3.5   | 4.0 | )     | 4.5 | 5.0 |      | 5.5 | 6.0 | 6.51 |
| Rated lifting capacity (kg) | 1,280            | 1,230 | 1,080 | 930 |       | 780 | 70  | 0    | 630 | 580 | 530  |
| 8.6-m boom                  |                  |       |       |     |       |     |     |      |     |     |      |
| oad radius (m)              | 4.0 and below    | 4.5   | 5     | .0  | 6     | 6.0 | 7   | 7.0  | 8   | 3.0 | 8.4  |
| Rated lifting capacity (kg) | 700              | 630   | 5     | 50  | 4     | 50  | 3   | 80   | 3   | 30  | 310  |
|                             |                  |       |       |     |       |     |     |      |     |     |      |

| TM-ZE265M / ZE26            | 65MH             |       |    |       |     |      |     |     |     |     |   |      |   |      |
|-----------------------------|------------------|-------|----|-------|-----|------|-----|-----|-----|-----|---|------|---|------|
| • 3.13-m/5.07-m boor        | m                |       |    |       |     |      |     |     |     |     |   |      |   |      |
| Load radius (m)             | 1.5 and<br>below | 1.8   | Т  | 2.0   |     | 2.5  | 3.  | .0  |     | 3.5 |   | 4.0  | Т | 4.87 |
| Rated lifting capacity (kg) | 2,630            | 2,180 |    | 1,980 | 1   | ,580 | 1,3 | 30  | 1,  | 130 |   | 980  |   | 830  |
| • 7.0-m boom                |                  |       |    |       |     |      |     |     |     |     |   |      |   |      |
| Load radius (m)             | 2.8 and<br>below | 3.0   | :  | 3.5   | 4.0 |      | 4.5 | 5.0 | )   | 5.5 |   | 6.0  |   | 6.8  |
| Rated lifting capacity (kg) | 1,280            | 1,230 | 1, | 080   | 93  | 0    | 800 | 70  | 0   | 630 | 1 | 580  |   | 530  |
| • 8.9-m boom                |                  |       |    |       |     |      |     |     |     |     |   |      |   |      |
| Load radius (m)             | 3.7 and below    | 4.0   |    | 5.0   | 0   | 6    | .0  | 7   | 7.0 |     | 8 | .0   |   | 8.7  |
| Rated lifting capacity (kg) | 700              | 700   |    | 55    | 0   | 4:   | 50  | 3   | 380 |     | 3 | 50   |   | 330  |
| • 10.8-m boom               |                  |       |    |       |     |      |     |     |     |     |   | •    |   |      |
| Load radius (m)             | 4.5 and below    | 5.0   | Т  | 6.0   |     | 7.0  | 8.  | .0  | 9   | 9.0 |   | 10.0 | Т | 10.6 |
| Rated lifting capacity (kg) | 480              | 430   | Т  | 330   |     | 280  | 23  | 30  | 2   | 200 |   | 180  | Т | 160  |
|                             |                  |       | _  |       |     |      | •   |     |     |     | _ |      |   |      |

| Load radius (m)                        | 4.5 below        | 5.0   | 6.0   | 7.0  | ۱ ۱ | 8.  | 0  | 9.0  |   | 10.0 | 10.6 |
|--|------------------|-------|-------|------|-----|-----|----|------|---|------|------|
| Rated lifting capacity (kg)            | 480              | 430   | 330   | 28   | )   | 23  | 30 | 200  |   | 180  | 160  |
|  |                  |       |       |      |     |     |    |      |   |      |      |
| TM-ZE266M / ZE26                       | 66МН             |       |       |      |     |     |    |      |   |      |      |
| <ul> <li>3.23-m/5.17-m boor</li> </ul> | n                |       |       |      |     |     |    |      |   |      |      |
| Load radius (m)                        | 1.5 and below    | 1.8   | 2.0   | 2.5  | 5   | 3.  | 0  | 3.5  |   | 4.0  | 4.97 |
| Rated lifting capacity (kg)            | 2,630            | 2,180 | 1,980 | 1,58 | 30  | 1,3 | 30 | 1,13 | 0 | 980  | 780  |
| • 7.1-m boom                           |                  |       |       |      |     |     |    |      |   |      |      |
| Load radius (m)                        | 3.0 and below    | 3.5   | 4.0   | 4.5  |     | 5.  | 0  | 5.5  |   | 6.0  | 6.9  |
| Rated lifting capacity (kg)            | 1,230            | 1,080 | 930   | 800  | )   | 70  | 00 | 630  |   | 580  | 500  |
| • 9.0-m boom                           |                  |       |       |      | •   |     |    |      |   |      |      |
| Load radius (m)                        | 4.0 and<br>below | 4.5   | 5.0   |      | 6.0 | )   | 7  | 7.0  |   | 8.0  | 8.8  |
| Rated lifting capacity (kg)            | 700              | 630   | 550   |      | 45  | 0   | 3  | 80   |   | 330  | 300  |
| • 10.9-m boom                          |                  |       |       |      |     |     |    |      |   |      |      |
| Load radius (m)                        | 4.5 and below    | 5.0   | 6.0   | 7.0  | )   | 8.  | .0 | 9.0  |   | 10.0 | 10.7 |
| Rated lifting capacity (kg)            | 480              | 430   | 330   | 280  | )   | 23  | 30 | 200  |   | 180  | 160  |
| • 12.8-m boom                          |                  |       |       |      |     |     |    |      |   |      |      |
| Load radius (m)                        | 6.0 and below    | 7.0   | 8.0   |      | 9.0 | )   | 1  | 0.0  |   | 11.0 | 12.6 |
| Rated lifting capacity (kg)            | 230              | 200   | 170   |      | 15  | 0   | 1  | 30   |   | 120  | 100  |

#### NOTES FOR TECHNICAL SPECIFICATIONS:

Operating speeds of the crane are guaranteed under the conditions that the pump delivery is 53 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