

## IDEAL Cargo Crane, TADANO ZE

The ZE features all the Tadano Cargo Crane technology that is recognized the world over.

The key development concepts remain:

**EXCELLENT QUALITY, EASY OPERATION AND EASY MAINTENANCE.** 

#### **NEW "HOOK-IN" SYSTEM**

The "Hook-In" system further enhances work efficiency.

When the "Hook-In" switch and swing switch are operated, the crane boom and jack is stowed automatically.

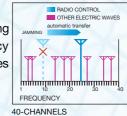


#### RADIO CONTROLLER WITH LIQUID-CRYSTAL DISPLAY

Newly Developed Radio Controller, of low electric power consumption type, displays at all times operating conditions such as the actual load, rated load, moment ratio on the liquid-crystal screen to further enhance safety and working efficiency.

#### **High-Powered Radio Controller**

Radio Controller with powerful transmitting output automatically selects a frequency free of jamming, out of as many frequencies as 40 channels, to avoid interference



#### **Durable Structure**

New type Radio Controller, reviewed from the very basic conception offers further improved durability and water-repellent condition along with shock-resistant construction.

#### Selectable Speed Mode

Speed mode according to operating conditions can be selected from the high-speed mode, the middle speed mode and the low speed mode.

#### **CENTRALIZED CONTROL PANEL**

Installed on both sides of the boom post is the centralized control panel where operating switches and the lifting chart needed for crane operation are grouped together and arranged on a single panel each. In addition, on the upper part of the panel, warning lamps as well as outrigger-extended-width indicating lamps are fitted to enhance visibility.





WATER-RESISTANC

RIGHT-HAND SIDE

#### QUICKER WORK WITH OUTRIGGER MECHANISM

The outrigger sliders can be easily operated, using a grip to lock or release and extend or retract.

Further more safety, new lock system prevents the outriggers from swinging out during vehicle travel.

A level gauge is provided as standard equipment.



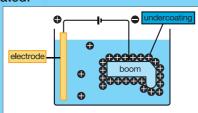
STRONGER AND LIGHTER BOOM

Tadano's unique pentagonal boom is made of high-tensile steel and a section of boom is manufactured of bended one piece steel plate for lighter boom weight and powerful



#### CATIONIC ELECTRO-DEPOSITION COATING

The undercoating of the crane is done by Cationic Electro-deposition coating. Soaking the each component and even the narrow inner booms and frames are thoroughly undercoated.



**BOOM HEIGHT LIMIT FUNCTION** 

WHL (Working Height Limiter) is designed to stop the boom elevation or telescoping when the boom tip reaches the registered height. (as pre programmed by the operator) This function secures safety particularly when working under the roof or in the tunnel or every height limited condition.





#### **AML**

The AML is a system that monitors and controls crane working conditions including the state of a lifted load to ensure safer operation in addition to the outrigger middle extension function now available for the model. Furthermore, when the crane reaches the registered limit, warning lamps light up at 90% and the crane operation stop at 100%.

#### JACK INTERLOCK

Jack interlock system ensures that outriggers are deployed before crane is allowed to be unfolded. Automatic crane capacity deration should horizontal outrigger extension be not fully extended.

#### **THREE-POINT SUPPORT SYSTEM (Equalizer Crane Support)**

The equalizer crane support system protects the chassis frame by evenly distributing the load applied to the frame during the lifting operation and the vehicle travel to prevent excessive stress concentration at any one point.







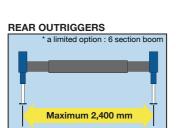


## **ZE290HRS** series

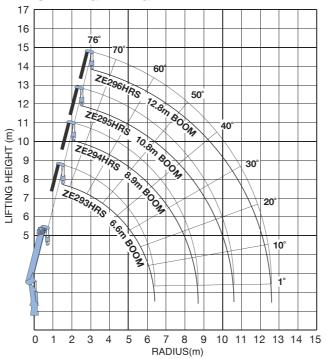


#### PARABOX OUTRIGGER (ZE290 series)





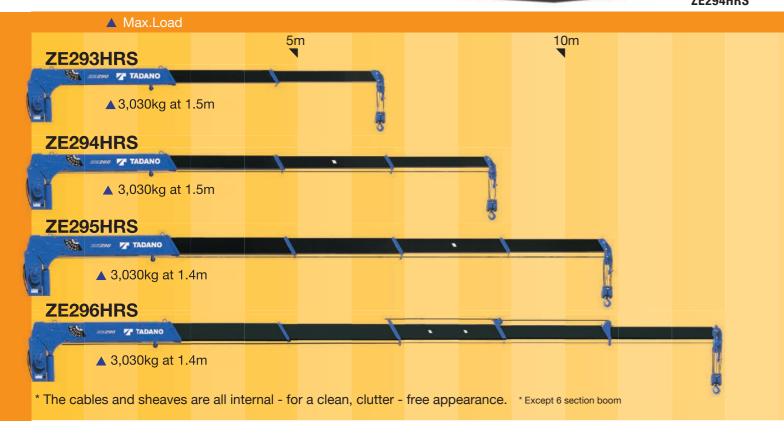
#### **WORKING RANGE**



#### NOTE:

Lifting heights and boom angles are based on a straight (unladen) boom, and allowance should be made for boom deflection obtained under laden





#### **TECHNICAL SPECIFICATIONS**

| MODEL                         | ZE293HRS                             | ZE294HRS                                         | ZE295HRS                          | ZE296HRS           |
|-------------------------------|--------------------------------------|--------------------------------------------------|-----------------------------------|--------------------|
| CRANE CAPACITY                | 3,030kg at 1.5m                      | 3,030kg at 1.5m                                  | 3,030kg at 1.4m                   | 3,030kg at 1.4m    |
|                               | (4-part lines)                       | (4-part lines)                                   | (4-part lines)                    | (4-part lines)     |
| BOOM                          | Full                                 | ly powered telescoping boom                      | of pentagonal box constructi      | on.                |
| Sections                      | 3                                    | 4                                                | 5                                 | 6                  |
| Length                        | 2.85m - 6.6m                         | 3.17m - 8.9m                                     | 3.13m - 10.8m                     | 3.23m - 12.8m      |
| Extending Speed               | 3.75m / 10.5s                        | 5.73m / 13s                                      | 7.67m / 15.5s                     | 9.57m / 17s        |
| Elevation Range/Speed         |                                      | 1° to 76                                         | ° /6s                             |                    |
| Max. Hook Height*             | Approx. 7.8m*                        | Approx. 10.0m*                                   | Approx. 11.8m*                    | Approx. 13.8m*     |
| Max. Load Radius*             | 6.4m*                                | 8.7m*                                            | 10.6m*                            | 12.6m*             |
| WINCH                         |                                      | Hydraulic m                                      | otor driven.                      |                    |
|                               |                                      | Spur gear speed reduction, p                     | rovided with mechanical brak      | ce.                |
| Max. Single Line Pull         |                                      | 7.45kN {7                                        | '60kgf}                           |                    |
| Max. Single Line Speed        |                                      | 68m/min. (at                                     | 4th layer)                        |                    |
| Wire rope (Diameter x length) | 8mm x 45m                            | 8mm x 56m                                        | 8mm x 66m                         | 8mm x 75m          |
| SWING                         |                                      | Hydraulic motor driven. Wo                       | rm gear speed reduction.          |                    |
|                               | Continuous                           | 360° full circle swing on ball b                 | earing slew ring. Automatic s     | wing lock.         |
| Speed                         |                                      | 2.5 min-                                         | ¹{rpm}                            |                    |
| OUTRIGGERS                    | 1                                    | Manually extended sliders and                    | I hydraulically extended jacks    | ;                  |
|                               |                                      | Integral with crane frame                        | Power up and down                 |                    |
| Extended Width                |                                      | Max.: 3.4m, Mid.: 2.9m                           | / 2.4m, Min.: 1.72m               |                    |
| HYDRAULIC SYSTEM              |                                      |                                                  |                                   |                    |
| Control Valves                |                                      | Multiple control valves w                        | vith integral safety valve        |                    |
| STANDARD SAFETY EQUIPMENT     | <ul> <li>AML (Automatic N</li> </ul> | Moment Limiter) with load indicato               | r/Moment indicator •WHL (Workir   | ng Height Limiter) |
|                               | •Loa                                 | d Meter •Radius Indicator •Emerg                 | ency stop switch on radio control | ller               |
|                               |                                      | <ul> <li>Over-winding alarm •Hoisting</li> </ul> | g limiter •Hook safety latch      |                    |
|                               | •H                                   | ydraulic safety valves, check valve              | s and holding valves •Level gaug  | е                  |
| SUITABLE TRUCKS               |                                      | Gross vehicle mas                                | s 4,000 to 8,000kg                |                    |

#### **RATED LIFTING CAPACITIES - Empty Chassis**

| ZE293HRS                                                                                                                                                                                                                                                         |                                 |                   |                           |              |            |      |                |       |          |            |            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------|---------------------------|--------------|------------|------|----------------|-------|----------|------------|------------|
| • 2.85m/4.74m boom                                                                                                                                                                                                                                               | . =                             |                   |                           |              | _          |      | _              |       |          |            |            |
| Load Radius (m)                                                                                                                                                                                                                                                  | 1.5 and below                   | 2.0               |                           | 2.5          | 3.0        |      |                | 3.5   | 4.       |            | 4.54       |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 3,030                           | 2,280             | 1                         | ,730         | 1,2        | 3U   |                | 930   | 73       | 30         | 630        |
| 6.6m boom Load Radius (m)                                                                                                                                                                                                                                        | a a and                         | 2.5               | 3.0                       | 3.5          | 4.0        | 4.   | _              | 5.0   | 5.5      | 6.0        | 6.4        |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 2.2 and<br>below<br>1,880       | 1,630             | 1,230                     | 930          | 730        | 58   |                | 480   | 430      | 380        | 350        |
| nated Litting Capacity (kg)                                                                                                                                                                                                                                      | 1,000                           | 1,000             | 1,200                     | 930          | 730        | 36   | 30             | 400   | 400      | 360        | 330        |
| ZE294HRS                                                                                                                                                                                                                                                         |                                 |                   |                           |              |            |      |                |       |          |            |            |
| • 3.17m/5.12m boom                                                                                                                                                                                                                                               | d ⊏ and                         | 2.0               | 2.                        | - 1          | 3.0        | 3.   | _              | 4.0   |          | 4.5        | 4.92       |
| Load Radius (m)<br>Rated Lifting Capacity (kg)                                                                                                                                                                                                                   | 1.5 and<br>below<br>3,030       | 2,280             | 1,7                       |              | 1,180      | 88   |                | 680   | _        | 580        | 530        |
|                                                                                                                                                                                                                                                                  | 3,030                           | 2,200             | 1,7                       | 30           | 1,100      | 00   | 0              | 000   |          | 360        | 550        |
| 7.01m boom 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       |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 1,880                           |                   | 1,150                     | 880          | 680        | 58   |                | 480   | 400      | 350        | 300        |
| • 8.9m boom                                                                                                                                                                                                                                                      | 1,000                           | 1,000             | ,,,,,                     | 000          | 1 000      | 1 00 |                | .00   | .00      | 1000       | 1 000      |
| Load Radius (m)                                                                                                                                                                                                                                                  | 3.0 and below                   | 3.5               | 4.                        | 0            | 5.0        | 6    | .0             | 7.0   |          | 8.0        | 8.7        |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 980                             | 830               | 68                        | 0            | 450        | 35   | 50             | 280   |          | 230        | 200        |
|                                                                                                                                                                                                                                                                  |                                 |                   |                           |              |            |      |                |       |          |            |            |
| Table C                                                                                                                                                                                                                                                          |                                 |                   |                           |              |            |      |                |       |          |            |            |
| ZE293HRS                                                                                                                                                                                                                                                         |                                 |                   |                           |              |            |      |                |       |          |            |            |
| • 2.85m/4.74m boom                                                                                                                                                                                                                                               | 4 Fand                          |                   | _                         | 0.5          |            | ^    |                | 0.5   |          | 0 1        | 4.5.       |
| Load Radius (m)                                                                                                                                                                                                                                                  | 1.5 and<br>below                | 2.0               | -                         | 2.5          | 3.0        |      |                | 3.5   |          | .0         | 4.54       |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 3,030                           | 2,280             | 1                         | ,830         | 1,43       | oU.  | 1,             | 080   | 83       | 00         | 730        |
| 6.6m boom Load Radius (m)                                                                                                                                                                                                                                        | 2.2 and below                   | 2.5               | 3.0                       | 3.5          | 4.0        | 4.   | 5 1            | 5.0   | 5.5      | 6.0        | 6.4        |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 1.880                           |                   | 1,330                     | 1,030        |            | 68   |                | 580   | 530      | 480        | 430        |
| Survive Capacity (Ng)                                                                                                                                                                                                                                            | .,500                           | .,000             | .,000                     | .,500        | 300        | 1 30 |                | 550   | 550      | 1 400      | +00        |
| ZE294HRS                                                                                                                                                                                                                                                         |                                 |                   |                           |              |            |      |                |       |          |            |            |
| • 3.17m/5.12m boom                                                                                                                                                                                                                                               |                                 |                   |                           |              |            |      |                |       |          |            |            |
| Load Radius (m)                                                                                                                                                                                                                                                  | 1.5 and below                   | 2.0               | 2.5                       |              | 3.0        | 3.   |                | 4.0   |          | 4.5        | 4.92       |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 3,030                           | 2,280             | 1,8                       | 30           | 1,380      | 1,0  | 30             | 830   | )        | 680        | 580        |
| • 7.01m boom                                                                                                                                                                                                                                                     |                                 |                   |                           |              |            |      |                |       |          |            |            |
| Load Radius (m)                                                                                                                                                                                                                                                  | 2.2 and<br>below                | 2.5               | 3.0                       | 3.5          | 4.0        | 4    |                | 5.0   | 5.5      | 6.0        | 6.81       |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 1,880                           | 1,630             | 1,330                     | 1,030        | 800        | 68   | 30             | 580   | 480      | 430        | 350        |
| • 8.9m boom                                                                                                                                                                                                                                                      | o o and                         | 0.5               |                           |              |            | _    | _              |       |          | 0.0        |            |
| Load Radius (m)                                                                                                                                                                                                                                                  | 3.0 and<br>below                | 3.5<br>880        | 78                        |              | 5.0<br>550 | 6.   |                | 7.0   |          | 8.0<br>280 | 8.7<br>250 |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 300                             | 000               | 10                        | 0            | 330        | 40   | 50             | 330   | <u> </u> | 200        | 230        |
| ZE295HRS                                                                                                                                                                                                                                                         |                                 |                   |                           |              |            |      |                |       |          |            |            |
| • 3.13m/5.07m boom                                                                                                                                                                                                                                               |                                 |                   |                           |              |            |      |                |       |          |            |            |
| Load Radius (m)                                                                                                                                                                                                                                                  | 1.4 and<br>below                | 2.0               | 2.                        |              | 3.0        | 3.   | .5             | 4.0   |          | 4.5        | 4.87       |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 3,030                           | 2,130             | 1,7                       | 30           | 1,330      | 98   | 0              | 780   |          | 630        | 550        |
| • 7.0m boom                                                                                                                                                                                                                                                      |                                 |                   |                           |              |            |      |                |       |          |            |            |
| Load Radius (m)                                                                                                                                                                                                                                                  | 2.2 and<br>below                | 2.5               | 3.0                       | 3.5          | 4.0        |      | .5             | 5.0   | 5.5      | 6.0        | 6.8        |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 1,730                           | 1,530             | 1,280                     | 980          | 780        | 63   | 30             | 480   | 430      | 380        | 300        |
| • 8.9m boom                                                                                                                                                                                                                                                      | 0.000                           |                   |                           |              |            |      | _              |       |          | 0.0        |            |
| Load Radius (m)                                                                                                                                                                                                                                                  | 3.0 and<br>below                | 3.5               | 4.0                       |              | 5.0        | 6.   |                | 7.0   |          | 8.0        | 8.7        |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 930                             | 830               | 73                        | U            | 480        | 38   | 5U             | 280   | ,        | 230        | 200        |
| 10.8m boom Load Radius (m)                                                                                                                                                                                                                                       | 4.0 and helow                   | 4.5               | 5.0                       | - A          | .0 7       | 7.0  | 8.             | 0     | 9.0      | 10.0       | 10.6       |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      | 4.0 <sub>below</sub>            | 430               | 380                       |              |            | 260  | 23             |       | 200      | 180        | 150        |
|                                                                                                                                                                                                                                                                  | .50                             | .50               | 500                       | 1 5          | -   -      |      |                | ·   * |          |            |            |
| ZE296HRS                                                                                                                                                                                                                                                         |                                 |                   |                           |              |            |      |                |       |          |            |            |
| • 3.23m/5.17m boom                                                                                                                                                                                                                                               |                                 |                   |                           |              |            |      |                |       |          |            |            |
| Land Dadius (ss)                                                                                                                                                                                                                                                 | 1.4 and<br>below                | 2.0               | 2.                        |              | 3.0        | 3.   |                | 4.0   |          | 4.5        | 4.97       |
| Load Radius (m)                                                                                                                                                                                                                                                  | 3,030                           | 2,130             | 1,7                       | 30           | 1,430      | 1,2  | 30             | 1,03  | 0        | 830        | 680        |
| Rated Lifting Capacity (kg)                                                                                                                                                                                                                                      |                                 |                   | 0.5                       |              |            | 1 -  |                |       |          | 1          | 1          |
| Rated Lifting Capacity (kg)  7.1m boom                                                                                                                                                                                                                           | o o and                         | 0                 | 3.0                       | 3.5          | 4.0        | 4.   |                | 5.0   | 5.5      | 6.0        | 6.9        |
| Rated Lifting Capacity (kg)  7.1m boom Load Radius (m)                                                                                                                                                                                                           | 2.2 and below                   | 2.5               |                           |              | 11 930     | 78   | 1 (1)          | 680   | 580      | 480        | 380        |
| Rated Lifting Capacity (kg)  7.1m boom Load Radius (m) Rated Lifting Capacity (kg)                                                                                                                                                                               | 2.2 and<br>below<br>1,730       |                   | 1,280                     | 1,080        | 1 000      |      | -              |       |          |            |            |
| Rated Lifting Capacity (kg) 7.1m boom Load Radius (m) Rated Lifting Capacity (kg) 9.0m boom                                                                                                                                                                      | 1,730                           | 1,530             | 1,280                     |              |            | -    |                | 7.0   | -        | 80         | 8 0        |
| Rated Lifting Capacity (kg)  7.1m boom Load Radius (m) Rated Lifting Capacity (kg)  9.0m boom Load Radius (m)                                                                                                                                                    | 1,730<br>3.0 and below          | 3.5               | 1,280                     | D            | 5.0        | 6.   | .0             | 7.0   |          | 8.0        | 8.8        |
| Rated Lifting Capacity (kg)  7.1m boom Load Radius (m) Rated Lifting Capacity (kg)  9.0m boom Load Radius (m) Rated Lifting Capacity (kg)                                                                                                                        | 1,730                           | 1,530             | 1,280                     | D            |            |      |                | 7.0   |          | 8.0<br>280 | 8.8<br>230 |
| Rated Lifting Capacity (kg)  • 7.1m boom Load Radius (m) Rated Lifting Capacity (kg)  • 9.0m boom Load Radius (m) Rated Lifting Capacity (kg)  • 10.9m boom                                                                                                      | 1,730<br>3.0 and<br>930         | 3.5<br>830        | 1,280<br>4.0<br>73        | 0            | 5.0<br>580 | 4    | .0             | 380   | )        | 280        | 230        |
| Rated Lifting Capacity (kg)  7.1m boom Load Radius (m) Rated Lifting Capacity (kg)  9.0m boom Load Radius (m) Rated Lifting Capacity (kg)  10.9m boom Load Radius (m) Load Radius (m)                                                                            | 3.0 and below 930 4.0 and below | 3.5<br>830<br>4.5 | 1,280<br>4.1<br>73<br>5.0 | 0 6.         | 5.0 580    | 7.0  | .0<br>80       | 380   | 9.0      | 10.0       | 230        |
| Rated Lifting Capacity (kg)  • 7.1m boom Load Radius (m) Rated Lifting Capacity (kg)  • 9.0m boom Load Radius (m) Rated Lifting Capacity (kg)  • 9.0m boom Load Radius (m) Rated Lifting Capacity (kg)  • 10.9m boom Load Radius (m) Rated Lifting Capacity (kg) | 1,730<br>3.0 and<br>930         | 3.5<br>830        | 1,280<br>4.0<br>73        | 0 6.         | 5.0 580    | 4    | .0             | 380   | )        | 280        | 230        |
| Rated Lifting Capacity (kg)  7.1m boom Load Radius (m) Rated Lifting Capacity (kg)  9.0m boom Load Radius (m) Rated Lifting Capacity (kg)  10.9m boom Load Radius (m) Load Radius (m)                                                                            | 3.0 and below 930 4.0 and below | 3.5<br>830<br>4.5 | 1,280<br>4.1<br>73<br>5.0 | 0<br>0<br>6. | 5.0 580    | 7.0  | .0<br>80<br>8. | 380   | 9.0      | 10.0       | 230        |

| ZE293HRS                    |               |       |       |       |       |     |   |      |      |     |      |
|-----------------------------|---------------|-------|-------|-------|-------|-----|---|------|------|-----|------|
| • 2.85m/4.74m boom          |               |       |       |       |       |     |   |      |      |     |      |
| Load Radius (m)             | 1.5 and below | 2.0   |       | 2.5   | 3.0   |     |   | 3.5  | 4.0  | )   | 4.54 |
| Rated Lifting Capacity (kg) | 3,030         | 2,33  | ο .   | 1,880 | 1,50  | 0   | 1 | ,250 | 1,08 | 10  | 980  |
| • 6.6m boom                 |               |       |       |       |       |     |   |      |      |     |      |
| Load Radius (m)             | 2.2 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5 | Ö | 5.0  | 5.5  | 6.0 | 6.4  |
| Rated Lifting Capacity (kg) | 1,880         | 1,680 | 1,430 | 1,230 | 1,080 | 950 | ) | 830  | 730  | 650 | 580  |

| Rated Lifting Capacity (kg) | 1,880         | 1,680 | 1,430 | 1,230 | 1,080 | 950   | 830   | 730 | 650 | 580  |
|-----------------------------|---------------|-------|-------|-------|-------|-------|-------|-----|-----|------|
| ZE294HRS                    |               |       |       |       |       |       |       |     |     |      |
| • 3.17m/5.12m boom          |               |       |       |       |       |       |       |     |     |      |
| Load Radius (m)             | 1.5 and below | 2.0   | 2.    | 5     | 3.0   | 3.5   | 4.0   |     | 4.5 | 4.92 |
| Rated Lifting Capacity (kg) |               | 2,330 | 1,8   | 80    | 1,500 | 1,250 | 1,080 | ) i | 930 | 850  |
| • 7.01m boom                |               |       |       |       |       |       |       |     |     |      |
| Load Radius (m)             | 2.2 and below | 2.5   | 3.0   | 3.5   | 4.0   | 4.5   | 5.0   | 5.5 | 6.0 | 6.8  |
| Rated Lifting Capacity (kg) | 1,880         | 1,680 | 1,430 | 1,230 | 1,080 | 930   | 830   | 730 | 650 | 580  |
| • 8.9m boom                 |               |       |       |       |       |       |       |     |     |      |
| Load Radius (m)             | 3.0 and below | 3.5   | 4.    | 0     | 5.0   | 6.0   | 7.0   |     | 8.0 | 8.7  |
| Rated Lifting Capacity (kg) | 1,030         | 930   | 83    | 30    | 680   | 580   | 480   |     | 100 | 350  |

| riatou Enting Supusity (19) | 1,000          | 000   | - 00  | , ,  |      | -    | - 00 | •  |     | ,0  |    | 00   | 000  |
|-----------------------------|----------------|-------|-------|------|------|------|------|----|-----|-----|----|------|------|
|                             |                |       |       |      |      |      |      |    |     |     |    |      |      |
| ZE295HRS                    |                |       |       |      |      |      |      |    |     |     |    |      |      |
| • 3.13m/5.07m boom          |                |       |       |      |      |      |      |    |     |     |    |      |      |
| Load Radius (m)             | 1.45 and below | 2.0   | 2.    | 5    | 3    | .0   | 3.   | 5  | 4   | .0  | 4  | 1.5  | 4.87 |
| Rated Lifting Capacity (kg) | 3,030          | 2,180 | 1,7   | 30   | 1,4  | 130  | 1,2  | 30 | 1,0 | 080 | 9  | 930  | 830  |
| • 7.0m boom                 |                |       |       |      |      |      |      |    |     |     |    |      |      |
| Load Radius (m)             | 2.2 and below  | 2.5   | 3.0   | 3.5  | 5    | 4.0  | 4.   | 5  | 5.0 | 5   | .5 | 6.0  | 6.8  |
| Rated Lifting Capacity (kg) | 1,880          | 1,680 | 1,430 | 1,18 | 80 1 | ,030 | 88   | 0  | 780 | 68  | 30 | 630  | 530  |
| • 8.9m boom                 |                |       |       |      |      |      |      |    |     |     |    |      |      |
| Load Radius (m)             | 3.0 and below  | 3.5   | 4.0   | 0    | 5.   | .0   | 6.   | 0  | 7   | .0  | 8  | 3.0  | 8.7  |
| Rated Lifting Capacity (kg) | 980            | 900   | 83    | 0    | 68   | 30   | 58   | 0  | 4   | 80  | 3  | 088  | 350  |
| • 10.8m boom                |                |       |       |      |      |      |      |    |     |     |    |      |      |
| Load Radius (m)             | 4.0 and below  | 4.5   | 5.0   |      | 6.0  | 7.   | .0   | 8. | 0   | 9.0 |    | 10.0 | 10.6 |
| Rated Lifting Capacity (kg) | 580            | 530   | 480   | 4    | 400  | 33   | 30   | 28 | 0   | 250 | 1  | 230  | 210  |
| -                           |                |       |       | _    |      | •    |      |    |     |     |    |      |      |

| E296HRS                     |                 |       |       |     |     |       |     |     |      |     |     |      |      |   |
|-----------------------------|-----------------|-------|-------|-----|-----|-------|-----|-----|------|-----|-----|------|------|---|
| 3.23m/5.17m boom            |                 |       |       |     |     |       |     |     |      |     |     |      |      |   |
| oad Radius (m)              | 1.45 and below  | 2.0   | 2.    | 5   |     | 3.0   | 3   | .5  | 4.0  | _   | 4   | 1.5  | 4.97 | 7 |
| Rated Lifting Capacity (kg) | 3,030           | 2,180 | 1,7   | 30  | 1   | ,430  | 1,2 | 230 | 1,05 | 0   | 9   | 00   | 800  | ) |
| 7.1m boom                   |                 |       |       |     |     |       |     |     |      |     |     |      |      |   |
| oad Radius (m)              | 2.2and<br>below | 2.5   | 3.0   | 3.  | 5   | 4.0   | 4   | .5  | 5.0  | 5   | .5  | 6.0  | 6.9  | 9 |
| Rated Lifting Capacity (kg) | 1,880           | 1,680 | 1,430 | 1,1 | 80  | 1,030 | 88  | 30  | 780  | 68  | 30  | 600  | 50   | 0 |
| 9.0m boom                   |                 |       |       |     |     |       |     |     |      |     |     |      |      |   |
| oad Radius (m)              | 3.0 and below   | 3.5   | 4.0   | 0   |     | 5.0   | 6   | .0  | 7.0  | _   | 8   | 3.0  | 8.8  |   |
| Rated Lifting Capacity (kg) | 980             | 900   | 83    | 0   |     | 680   | 58  | 30  | 480  | )   | 3   | 80   | 330  | ) |
| 10.9m boom                  |                 |       |       |     |     |       |     |     |      |     |     |      |      |   |
| oad Radius (m)              | 4.0 and below   | 4.5   | 5.0   |     | 6.0 | ) [   | 7.0 | 8.  | 0    | 9.0 |     | 10.0 | 10.  | 7 |
| Rated Lifting Capacity (kg) | 580             | 530   | 480   |     | 400 | ) 3   | 30  | 28  | 0    | 250 |     | 230  | 210  | 0 |
| 12.8m boom                  |                 |       |       |     |     |       |     |     |      |     |     |      |      |   |
| oad Radius (m)              | 5.3 and below   | 6.0   | 7.0   | 0   |     | 8.0   | 9   | .0  | 10.  | C   | - 1 | 1.0  | 12.6 | 6 |
| lated Lifting Capacity (kg) | 280             | 250   | 22    | 0   |     | 200   | 18  | 30  | 160  | )   | 1   | 40   | 120  | 1 |
|                             |                 |       |       |     |     |       |     |     |      |     |     |      |      |   |

#### TECHNICAL SPECIFICATIONS NOTE:

Operating speeds of the crane are guaranteed under the conditions that the pump delivery is 53L/min.
 No allowance made for boom deflection under laden conditions.

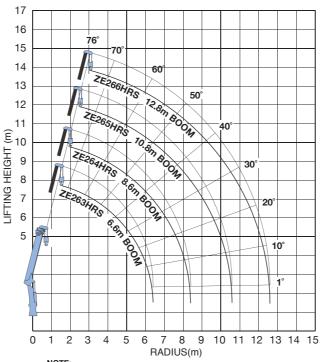
RATED LIFTING CAPACITIES NOTE:
The mass of hook (30kg), slings and all similarly used load handling devices must be added to the mass of the load.

### **ZE260HRS** series



# \* a limited option : 6 section boom Maximum 2,400 mm

#### **WORKING RANGE**



Lifting heights and boom angles are based on a straight (unladen) boom, and allowance should be made for boom deflection obtained under laden





#### **TECHNICAL SPECIFICATIONS**

| MODEL                         | ZE263HRS                           | ZE264HRS                                         | ZE265HRS                          | ZE266HRS             |
|-------------------------------|------------------------------------|--------------------------------------------------|-----------------------------------|----------------------|
| CRANE CAPACITY                | 2,630kg at 1.6m                    | 2,630kg at 1.6m                                  | 2,630kg at 1.5m                   | 2,630kg at 1.5m      |
|                               | (4-part lines)                     | (4-part lines)                                   | (4-part lines)                    | (4-part lines)       |
| BOOM                          | Full                               | y powered telescoping boom                       | of pentagonal box constructi      | on.                  |
| Sections                      | 3                                  | 4                                                | 5                                 | 6                    |
| Length                        | 2.85m - 6.6m                       | 2.87m - 8.6m                                     | 3.13m - 10.8m                     | 3.23m - 12.8m        |
| Extending Speed               | 3.75m / 10s                        | 5.73m / 12s                                      | 7.67m / 15.5s                     | 9.57m / 17s          |
| Elevation Range/Speed         |                                    | 1° to 76                                         | s° /6s                            |                      |
| Max. Hook Height*             | Approx. 7.8m*                      | Approx. 9.7m*                                    | Approx. 11.8m*                    | Approx. 13.8m*       |
| Max. Load Radius*             | 6.4m*                              | 8.4m*                                            | 10.6m*                            | 12.6m*               |
| WINCH                         |                                    | Hydraulic m                                      | otor driven.                      |                      |
|                               |                                    | Spur gear speed reduction, p                     | provided with mechanical brak     | ke.                  |
| Max. Single Line Pull         |                                    | 6.47kN {6                                        | 660kgf}                           |                      |
| Max. Single Line Speed        |                                    | 68m/min. (a                                      | t 4th layer)                      |                      |
| Wire rope (Diameter x length) | 8mm x 45m                          | 8mm x 54m                                        | 8mm x 66m                         | 8mm x 75m            |
| SWING                         |                                    | Hydraulic motor driven. Wo                       | rm gear speed reduction.          |                      |
|                               | Continuous                         | 360° full circle swing on ball b                 | pearing slew ring. Automatic s    | wing lock.           |
| Speed                         |                                    | 2.5 min-                                         | ¹{rpm}                            |                      |
| OUTRIGGERS                    | 1                                  | Manually extended sliders and                    | d hydraulically extended jacks    | 3                    |
|                               |                                    | Integral with crane frame                        | Power up and down                 |                      |
| Extended Width                |                                    | Max.: 3.0m, Mid.: 2                              | .4m, Min.: 1.72m                  |                      |
| HYDRAULIC SYSTEM              |                                    |                                                  |                                   |                      |
| Control Valves                |                                    | Multiple control valves v                        | with integral safety valve        |                      |
| STANDARD SAFETY EQUIPMENT     | <ul> <li>AML (Automatic</li> </ul> | Moment Limiter) with load indicate               | tor/Moment indicator •WHL (Work   | ring Height Limiter) |
|                               | •Load                              |                                                  | ency stop switch on radio control | er                   |
|                               |                                    | <ul> <li>Over-winding alarm •Hoisting</li> </ul> | g limiter •Hook safety latch      |                      |
|                               | •Hydrauli                          | ic safety valves, check valves and               | l holding valves •Level gauge     |                      |
| SUITABLE TRUCKS               |                                    | Gross vehicle mas                                | s 4,000 to 8,000kg                |                      |

#### **RATED LIFTING CAPACITIES - Empty Chassis**

| 1.8<br>2,230<br>2.8<br>1,130 | 2.0 2,0 3.0 1,030            | 3.5                                           | 2.5<br>1,480<br>4.0<br>630                                                                                                    | 3.0<br>1,030<br>4.5<br>530                                                                                                                                                      | 3.5<br>780<br>5.0<br>430                                                                                                                                                                                                          | _                                                                                                                                                                                                                                                                                 | 4.0<br>630<br>6.0<br>350                                                                                                                                                                                                                                                                                                      | 4.54<br>530<br>6.4<br>330                                                                                                                                                                                                                                                                                                                                 | Load Radius (r<br>Rated Lifting Ca<br>• 6.6m boom<br>Load Radius (r<br>Rated Lifting Ca                                                                                                                                                                                                                                                                                                                    |
|------------------------------|------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2,230                        | 3.0                          | 3.5                                           | 1,480                                                                                                                         | 1,030                                                                                                                                                                           | 5.0                                                                                                                                                                                                                               | 5.5                                                                                                                                                                                                                                                                               | 6.0                                                                                                                                                                                                                                                                                                                           | 530                                                                                                                                                                                                                                                                                                                                                       | 6.6m boom<br>Load Radius (n<br>Rated Lifting Ca                                                                                                                                                                                                                                                                                                                                                            |
| 2,230                        | 3.0                          | 3.5                                           | 1,480                                                                                                                         | 1,030                                                                                                                                                                           | 5.0                                                                                                                                                                                                                               | 5.5                                                                                                                                                                                                                                                                               | 6.0                                                                                                                                                                                                                                                                                                                           | 530                                                                                                                                                                                                                                                                                                                                                       | • 6.6m boom<br>Load Radius (n<br>Rated Lifting Ca                                                                                                                                                                                                                                                                                                                                                          |
| 2.8                          | 3.0                          | 3.5                                           | 4.0                                                                                                                           | 4.5                                                                                                                                                                             | 5.0                                                                                                                                                                                                                               | 5.5                                                                                                                                                                                                                                                                               | 6.0                                                                                                                                                                                                                                                                                                                           | 6.4                                                                                                                                                                                                                                                                                                                                                       | Load Radius (n<br>Rated Lifting Ca                                                                                                                                                                                                                                                                                                                                                                         |
|                              |                              |                                               |                                                                                                                               |                                                                                                                                                                                 |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                           | Rated Lifting Ca                                                                                                                                                                                                                                                                                                                                                                                           |
|                              |                              |                                               |                                                                                                                               |                                                                                                                                                                                 |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                            |
| 1,130                        | 1,030                        | 780                                           | 630                                                                                                                           | 530                                                                                                                                                                             | 430                                                                                                                                                                                                                               | 380                                                                                                                                                                                                                                                                               | 350                                                                                                                                                                                                                                                                                                                           | 330                                                                                                                                                                                                                                                                                                                                                       | Rated Lifting Ca                                                                                                                                                                                                                                                                                                                                                                                           |
|                              |                              |                                               |                                                                                                                               |                                                                                                                                                                                 |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                            |
|                              |                              |                                               |                                                                                                                               |                                                                                                                                                                                 |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                            |
|                              |                              |                                               |                                                                                                                               |                                                                                                                                                                                 |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                           | ZE264HRS                                                                                                                                                                                                                                                                                                                                                                                                   |
|                              |                              |                                               |                                                                                                                               |                                                                                                                                                                                 |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                           | • 2.87m/4.82                                                                                                                                                                                                                                                                                                                                                                                               |
| 1.8                          | 2.                           | .0                                            | 2.5                                                                                                                           | 3.0                                                                                                                                                                             | 3.5                                                                                                                                                                                                                               | 4                                                                                                                                                                                                                                                                                 | 1.0                                                                                                                                                                                                                                                                                                                           | 4.62                                                                                                                                                                                                                                                                                                                                                      | Load Radius (n                                                                                                                                                                                                                                                                                                                                                                                             |
| 2,230                        | 2,0                          | 30                                            | 1,480                                                                                                                         | 1,030                                                                                                                                                                           | 780                                                                                                                                                                                                                               | ) 6                                                                                                                                                                                                                                                                               | 30                                                                                                                                                                                                                                                                                                                            | 480                                                                                                                                                                                                                                                                                                                                                       | Rated Lifting Ca                                                                                                                                                                                                                                                                                                                                                                                           |
|                              |                              |                                               |                                                                                                                               |                                                                                                                                                                                 |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                           | • 6.71m boor                                                                                                                                                                                                                                                                                                                                                                                               |
| 2.8                          | 3.0                          | 3.5                                           | 4.0                                                                                                                           | 4.5                                                                                                                                                                             | 5.0                                                                                                                                                                                                                               | 5.5                                                                                                                                                                                                                                                                               | 6.0                                                                                                                                                                                                                                                                                                                           | 6.51                                                                                                                                                                                                                                                                                                                                                      | Load Radius (n                                                                                                                                                                                                                                                                                                                                                                                             |
| 1,130                        | 1,030                        | 780                                           | 630                                                                                                                           | 530                                                                                                                                                                             | 430                                                                                                                                                                                                                               | 380                                                                                                                                                                                                                                                                               | 350                                                                                                                                                                                                                                                                                                                           | 300                                                                                                                                                                                                                                                                                                                                                       | Rated Lifting Ca                                                                                                                                                                                                                                                                                                                                                                                           |
|                              |                              |                                               |                                                                                                                               |                                                                                                                                                                                 |                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                           | <ul> <li>8.6m boom</li> </ul>                                                                                                                                                                                                                                                                                                                                                                              |
| 4.0                          | 4.                           | 5                                             | 5.0                                                                                                                           | 6.0                                                                                                                                                                             | 7.0                                                                                                                                                                                                                               | 8                                                                                                                                                                                                                                                                                 | 3.0                                                                                                                                                                                                                                                                                                                           | 8.4                                                                                                                                                                                                                                                                                                                                                       | Load Radius (n                                                                                                                                                                                                                                                                                                                                                                                             |
| 630                          | 53                           | 30                                            | 430                                                                                                                           | 330                                                                                                                                                                             | 250                                                                                                                                                                                                                               | ) 2                                                                                                                                                                                                                                                                               | 200                                                                                                                                                                                                                                                                                                                           | 180                                                                                                                                                                                                                                                                                                                                                       | Rated Lifting Ca                                                                                                                                                                                                                                                                                                                                                                                           |
|                              | 2,230<br>2.8<br>1,130<br>4.0 | 2,230 2,0<br>2.8 3.0<br>1,130 1,030<br>4.0 4. | 2,230         2,030           2.8         3.0         3.5           1,130         1,030         780           4.0         4.5 | 2,230         2,030         1,480           2.8         3.0         3.5         4.0           1,130         1,030         780         630           4.0         4.5         5.0 | 2,230         2,030         1,480         1,030           2.8         3.0         3.5         4.0         4.5           1,130         1,030         780         630         530           4.0         4.5         5.0         6.0 | 2,230         2,030         1,480         1,030         780           2.8         3.0         3.5         4.0         4.5         5.0           1,130         1,030         780         630         530         430           4.0         4.5         5.0         6.0         7.0 | 2,230         2,030         1,480         1,030         780         6           2.8         3.0         3.5         4.0         4.5         5.0         5.5           1,130         1,030         780         630         530         430         380           4.0         4.5         5.0         6.0         7.0         8 | 2,230         2,030         1,480         1,030         780         630           2.8         3.0         3.5         4.0         4.5         5.0         5.5         6.0           1,130         1,030         780         630         530         430         380         350           4.0         4.5         5.0         6.0         7.0         8.0 | 2,230         2,030         1,480         1,030         780         630         480           2.8         3.0         3.5         4.0         4.5         5.0         5.5         6.0         6.51           1,130         1,030         780         630         530         430         380         350         300           4.0         4.5         5.0         6.0         7.0         8.0         8.4 |

| Load Hadida (III)                  | Delow            | 7.0   | 7.0   |       | 0.0  | , , | 0.  | .0  |     | 1.0    |          | 0.0  | 0.7   |
|------------------------------------|------------------|-------|-------|-------|------|-----|-----|-----|-----|--------|----------|------|-------|
| Rated Lifting Capacity (kg)        | 680              | 630   | 530   |       | 430  | 0   | 3   | 30  | 2   | 250    |          | 200  | 180   |
|                                    |                  |       |       |       |      |     |     |     |     |        |          |      |       |
| Table C                            |                  |       |       |       |      |     |     |     |     |        |          |      |       |
| ZE263HRS                           |                  |       |       |       |      |     |     |     |     |        |          |      |       |
| • 2.85m/4.74m boom                 |                  |       |       |       |      |     |     |     |     |        |          |      |       |
| Load Radius (m)                    | 1.6 and below    | 1.8   | 2.0   |       | 2.5  |     | 3.  | .0  | 3   | 3.5    | Г        | 4.0  | 4.54  |
| Rated Lifting Capacity (kg)        | 2,630            | 2,230 | 2,030 | -     | 1,53 | 0   | 1,1 | 80  | 8   | 380    | H        | 730  | 580   |
| • 6.6m boom                        |                  |       |       | _     |      |     |     |     |     |        | _        |      | 1     |
| Load Radius (m)                    | 2.8 and 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   | 68    | 0    | 58  | 30  | 480 | 0   | 430    |          | 380  | 350   |
|                                    |                  |       |       |       |      |     |     |     |     |        |          |      |       |
| ZE264HRS                           |                  |       |       |       |      |     |     |     |     |        |          |      |       |
| • 2.87m/4.82m boom                 | 4 cand           | 1.0   | 0.0   | _     | 0.5  | _   |     | _   |     | 2.5    | _        | 4.0  | 4.00  |
| Load Radius (m)                    | 1.6 and below    | 1.8   | 2.0   |       | 2.5  |     | 3.  | _   |     | 3.5    |          | 4.0  | 4.62  |
| Rated Lifting Capacity (kg)        | 2,630            | 2,230 | 2,030 | )   1 | ,530 | J   | 1,1 | 30  | 3   | 380    |          | 680  | 530   |
| • 6.71m boom                       | o o and          | 0.0   | 0.5   | 4.0   |      | _   | -   |     |     |        |          | 0.0  | 0.54  |
| Load Radius (m)                    | 2.8 and<br>below | 3.0   | 3.5   | 4.0   | -    | 4.  | _   | 5.0 |     | 5.5    |          | 6.0  | 6.51  |
| Rated Lifting Capacity (kg)        | 1,230            | 1,130 | 880   | 680   | )    | 58  | 10  | 48  | U   | 400    | 1        | 380  | 330   |
| • 8.6m boom                        | 4 0 and          |       |       | _     | _    |     |     |     |     |        | _        |      |       |
| Load Radius (m)                    | 4.0 and below    | 4.5   |       | .0    |      | 6.0 |     |     | 7.0 |        |          | 3.0  | 8.4   |
| Rated Lifting Capacity (kg)        | 680              | 580   | 48    | 30    |      | 380 | )   | 2   | 80  |        | 2        | 30   | 200   |
| ZE265HRS                           |                  |       |       |       |      |     |     |     |     |        |          |      |       |
| • 3.13m/5.07m boom                 |                  |       |       |       |      |     |     |     |     |        |          |      |       |
| Load Radius (m)                    | 1.5 and<br>helow | 1.8   | 2.0   |       | 2.5  |     | 3.  | 0   |     | 3.5    |          | 4.0  | 4.87  |
| Rated Lifting Capacity (kg)        | 2,630            | 2,130 | 1,930 | ) 1   | ,530 | -   |     | 030 |     | 730    |          | 580  | 430   |
| • 7.0m 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)        | 1,230            | 1,030 | 730   | 58    | 0    | 48  | 30  | 40  | 0   | 330    | 1        | 280  | 230   |
| 8.9m boom                          |                  |       |       |       |      |     |     |     |     |        |          |      |       |
|                                    | 3.7 and below    | 4.0   | 5     | .0    |      | 6.0 | )   | 7   | 7.0 |        | 8        | 3.0  | 8.7   |
| Rated Lifting Capacity (kg)        | 680              | 580   | 3     | В0    |      | 28  | 0   | 2   | 30  |        | 1        | 80   | 150   |
| • 10.8m boom                       |                  |       |       |       |      |     |     |     |     |        | _        |      |       |
|                                    | 4.5 and below    | 5.0   | 6.0   |       | 7.0  | )   | 8.  | 0   | 9   | 9.0    |          | 10.0 | 10.6  |
| Rated Lifting Capacity (kg)        | 380              | 330   | 250   |       | 210  | )   | 18  | 0   | 1   | 50     |          | 130  | 100   |
| ZEGGGUDG                           |                  |       |       |       |      |     |     |     |     |        |          |      |       |
| <b>ZE266HRS</b> • 3.23m/5.17m boom |                  |       |       |       |      |     |     |     |     |        |          |      |       |
| Load Radius (m)                    | 1.5 and<br>helow | 1.8   | 2.0   | -     | 2.5  | Т   | 3   | .0  |     | 3.5    | Г        | 4.0  | 4.97  |
| Rated Lifting Capacity (kg)        | 2.630            | 2.130 | 1.930 | ,     | 1.53 | 0   |     | 230 |     | .030   | $\vdash$ | 880  | 630   |
| 7.1m boom                          | _,000            | 2,.00 | .,000 |       | .,00 | -   | .,2 | .50 |     | , _ 00 |          | 300  | . 555 |
|                                    | o o and          | 0.5   | 4.0   | _     | 4.5  | _   | -   | _   | _   |        |          | 0.0  | 0.0   |

| Rated Lifting Capacity (kg) 380 330 250 210 180 150 130 130 |
| \* 12.8m boom | 6.0 pind | 7.0 8.0 9.0 10.0 11.0 12.6 |
| Rated Lifting Capacity (kg) 220 180 150 130 120 120 100 |

Rated Lifting Capacity (kg) 680 580 530 430

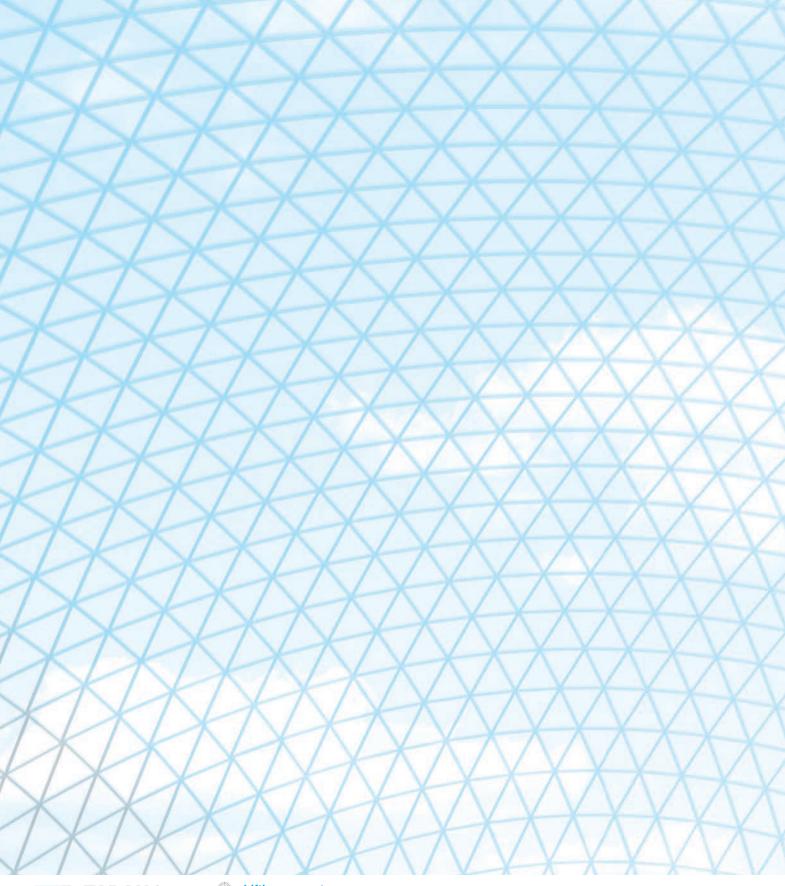
| ZE263HRS                                       |                   |       |       |     |      |     |     |     |      |      |        |
|------------------------------------------------|-------------------|-------|-------|-----|------|-----|-----|-----|------|------|--------|
| • 2.85m/4.74m boom                             |                   |       |       |     |      |     |     |     |      |      |        |
| Load Radius (m)                                | 1.6 and below     | 1.8   | 2.0   | :   | 2.5  | 3.  | 0   | 3   | 3.5  | 4.0  |        |
| Rated Lifting Capacity (kg)                    | 2,630             | 2,230 | 2,030 | 1,  | ,630 | 1,3 | 30  | 1,  | 130  | 980  |        |
| • 6.6m boom                                    |                   |       |       |     |      |     |     |     |      |      |        |
| Load Radius (m)                                | 2.8 and<br>below  | 3.0   | 3.5   | 4.0 |      | 4.5 | 5.0 | 0   | 5.5  | 6.0  |        |
| Rated Lifting Capacity (kg)                    | 1,280             | 1,230 | 1,080 | 930 | ) [  | 300 | 70  | 00  | 630  | 580  |        |
| ZE264HRS                                       |                   |       |       |     |      |     |     |     |      |      | _      |
| • 2.87m/4.82m boom                             |                   |       |       |     |      |     |     |     |      |      | _      |
| Load Radius (m)                                | 1.6 and below     | 1.8   | 2.0   |     | 2.5  | 3.  | 0   | 3   | 3.5  | 4.0  | Т      |
| Rated Lifting Capacity (kg)                    |                   | 2,230 | 2,030 | 1   | ,630 | 1,3 | 30  | 1,  | 130  | 980  | t      |
| • 6.71m boom                                   |                   |       |       |     |      | -   |     | _   |      |      | +      |
| Load Radius (m)                                | 2.8 and below     | 3.0   | 3.5   | 4.0 | -    | 4.5 | 5.0 | 0   | 5.5  | 6.0  | _      |
| Rated Lifting Capacity (kg)                    |                   | 1,230 | 1,080 | 930 | _    | 780 | 70  | _   | 630  | _    | _      |
| • 8.6m boom                                    |                   |       |       |     |      |     |     |     |      |      | _      |
| Load Radius (m)                                | 4.0 and below     | 4.5   | 5.    | 0   | 6    | .0  |     | 7.0 |      | 8.0  | _      |
| Rated Lifting Capacity (kg)                    |                   | 630   | 55    | -   |      | 50  |     | 380 |      | 330  | _      |
| · · · · · · · · · · · · · · · · · · ·          |                   |       |       | -   |      |     |     |     |      |      | _      |
| ZE265HRS                                       |                   |       |       |     |      |     |     |     |      |      | _      |
| • 3.13m/5.07m boom                             |                   |       |       |     |      |     |     |     |      |      | _      |
| Load Radius (m)                                | 1.5 and<br>below  | 1.8   | 2.0   |     | 2.5  | 3.0 | n   | .3  | 3.5  | 4.0  | Т      |
| Rated Lifting Capacity (kg)                    |                   | 2,180 | 1,980 |     | 580  | 1,3 | _   |     | 130  | 980  | +      |
| 7.0m boom                                      | _,000             | _,.00 | .,000 | ١,  |      | .,0 | - 0 | ٠,  | . 50 | 000  | _      |
| Load Radius (m)                                | 2.8 and<br>below  | 3.0   | 3.5   | 4.0 |      | 1.5 | 5.0 | )   | 5.5  | 6.0  | -      |
| Rated Lifting Capacity (kg)                    | 1.280             | 1.230 | 1.080 | 930 | _    | 300 | 70  | _   | 630  |      | -      |
| 8.9m boom                                      | 1,200             | 1,200 | 1,000 | 500 |      | ,00 | 70  | 0   | 000  | 500  | -      |
| Load Radius (m)                                | 3.7 and below     | 4.0   | 5.    | 1   | 6.   | 0   | - 7 | 7.0 | -    | 8.0  | -      |
| Rated Lifting Capacity (kg)                    | 700               | 700   | 55    | _   | 45   | -   |     | 80  |      | 350  | _      |
| 0 , , , , ,                                    | 700               | 700   | 55    | U   | 40   | ,0  |     | 000 |      | 330  | -      |
| 10.8m boom Load Radius (m)                     | 4.5 and below     | 5.0   | 6.0   | -   | 7.0  | 8.0 | 2   | 0   |      | 10.0 | т      |
|                                                | 4.3 below<br>480  | 430   | 330   |     | 280  | 23  | _   |     | 00   | 180  | +      |
| Rated Lifting Capacity (kg)                    | 480               | 430   | 330   | 2   | 280  | 23  | U   |     | 00   | 180  | 1      |
| ZE266HRS                                       |                   |       |       |     |      |     |     |     |      |      | _      |
| <ul> <li>3.23m/5.17m boom</li> </ul>           |                   |       |       | _   |      |     |     |     |      |      | _      |
| Load Radius (m)                                | 1.5 and below     | 1.8   | 2.0   | - 1 | 2.5  | 3.0 |     |     | 3.5  | 4.0  | 1      |
| Rated Lifting Capacity (kg)                    | 2,630             | 2,180 | 1,980 | 1,  | ,580 | 1,3 | 30  | 1,  | 130  | 980  | ⅃      |
| • 7.1m boom                                    |                   |       |       |     |      |     |     |     |      |      | _      |
| Load Radius (m)                                | 3.0 and below     | 3.5   | 4.0   |     | 1.5  | 5.0 |     |     | .5   | 6.0  |        |
| Rated Lifting Capacity (kg)                    | 1,230             | 1,080 | 930   | 8   | 300  | 70  | 0   | 6   | 30   | 580  | I      |
| <ul> <li>9.0m boom</li> </ul>                  |                   |       |       |     |      |     |     |     |      |      |        |
|                                                |                   |       |       | n T | 6.   | о Т | 7   | 7.0 |      | 8.0  |        |
| Load Radius (m)                                | 4.0 and below     | 4.5   | 5.    | -   |      |     |     |     |      |      |        |
| Load Radius (m) Rated Lifting Capacity (kg)    | 4.0 and below 700 | 630   | 5.    | -   | 45   | 0   | 3   | 380 |      | 330  |        |
| Load Radius (m)                                | 700               |       |       | -   |      | 0   | 3   | 380 |      | 330  | _      |
| Load Radius (m)<br>Rated Lifting Capacity (kg) |                   |       |       | 0   |      | 8.  |     |     | 0.0  | 10.0 | _<br>Т |

#### TECHNICAL SPECIFICATIONS NOTE:

1. Operating speeds of the crane are guaranteed under the conditions that the pump delivery is 53L/min.
2. "No allowance made for boom deflection under laden conditions.

#### RATED LIFTING CAPACITIES NOTE:

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





Lifting your dreams

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