

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.

The ZE500GHRS with the maximum lifting capacity of 4.04 tons has a choice of 3 different lengths of the boom while the ZE500HRS with the maximum lifting capacity of 3.13 tons has a choice of 4 different lengths of the boom, to meet your lifting solutions.

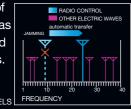
RADIO CONTROLLER WITH LIQUID-CRYSTAL DISPLAY



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 troubles.



HOOK IN

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.

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.

NEW HEPTAGONAL BOOM

Tadano's unique heptagonal boom is made of high-tensile steel. The new boom is a structure of one piece steel plate for lower boom weight and powerful lifting capacity. Special valves enable smooth boom extension and retraction for smoother operation to reduce a shock when telescoping the boom.

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





The AML is a system that monitors and controls crane working conditions including the state of a lifted load to

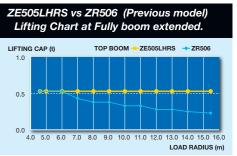
ensure safer operation in addition to the outrigger middle extension function now available for the model.

NEW FIVE-SECTION LONG BOOM

The ZE505LHRS with a five-section long boom makes its debut in the market which supersedes the ZR506 (previous model, six-section boom).

The newly developed five-section boom makes the same

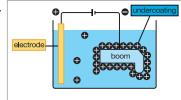
length as the conventional six-section boom and enhance crane performance by max. 130% compared to the conventional six-section boom.



CATIONIC ELECTRO-DEPOSITION COATING

The undercoating of the crane is done by Cationic

Electro-deposition coating. Soaking each materials and even the narrow inner booms and frames are thoroughly undercoated.



* Except 5L section boom

GREATER WINCH

The advantages from the enlarged winch drum and plunger motor are evident during start-up

when maximum power is required. Re-hoisting with a load on the hook can also be handled with ease. The winch reduction gear comes equipped with a failsafe automatic brake.



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.

FULL CIRCLE, CONTINUOUS SWING

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

AUTOMATIC SWING LOCK:

The boom is mechanically locked at the swing post base which prevents boom rotation during vehicle travel.

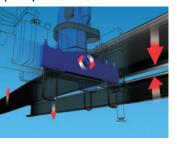


THREE-POINT SUPPORT SYSTEM (Equalizer Crane Support)

Tadano's Equalizer Crane Support protects the truck frame from stress.

The crane is mounted to the truck chassis with the Equalizer Crane Support that evenly distributes the load to prevent excessive stress concentration at any

one point.



RESPONDING TO OPERATOR'S COMMAND

Equipped with an optimally matched, high-performance control

provided as standard.

valve, the operating levers provide improved responsiveness and fine-tuned control. Operation is fast or slow in accordance with operator's command. The stainless rods between left and right operation levers are

CONTROL LEVER

CENTRALIZED CONTROL PANELES

Installed on both sides of the swing 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.







ZE500GHRS series



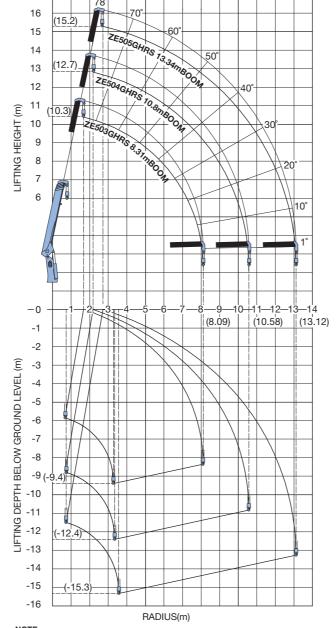
QUICKER WORK WITH OUTRIGGER MECHANISM

The outrigger beams can be easily operated, using a grip

to lock or release and extend or retract. Further more safety, new lock system prevents the outrigger beams from extending during vehicle travel. A level gauge is provided

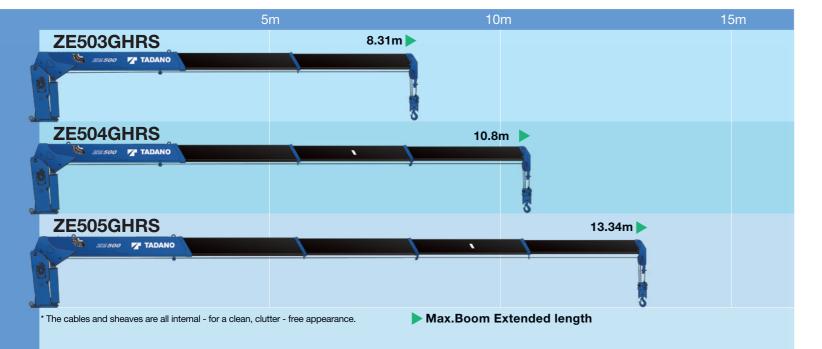






WORKING RANGE

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



TECHNICAL SPECIFICATIONS

MODEL	ZE503GHRS	ZE504GHRS	ZE505GHRS							
CRANE CAPACITY	4,040kg at 2.95m	4,040kg at 2.9m	4,040kg at 2.8m							
	(5-part lines)	(5-part lines)	(4-part lines)							
BOOM	Fully hydraulic telescoping boom	Fully powered partly synch	ronized telescoping boom							
	of heptagonal box construction	of heptagonal b	ox construction							
Sections	3	4	5							
Length	3.47m - 8.31m	3.55m - 10.8m	3.77m - 13.34m							
Extending Speed	4.84m / 18s	7.25m / 21s	9.57m / 25s							
Elevation Range/Speed		1° to 78° /12s								
Max. Hook Height*	Approx. 10.3m*	Approx. 12.7m*	Approx. 15.2m*							
Max. Load Radius*	8.09m*	10.58m*	13.12m*							
WINCH	Hydraulic motor driven.	Spur gear speed reduction, provided	with mechanical brake.							
Max. Single Line Pull		7.92kN {808kgf}								
Max. Single Line Speed		76m/min. (at 4th layer)								
Wire rope (Diameter x length)	8mm x 67m	8mm x 82m	8mm x 97m							
SWING	Hydraulic	Hydraulic motor driven. Worm gear speed reduction.								
	Continuous 360° full cir	cle swing on ball bearing slew ring. Au	utomatic swing lock.							
Speed		2.5 min ⁻¹ {rpm}								
OUTRIGGERS	Manually ex	tended sliders and hydraulically exter	ided jacks							
	Integra	al with crane frame Power up and dov	/n							
Extended Width	N	Max.: 3.8m, Mid.: 3.0m, Min.: 2.2m								
HYDRAULIC SYSTEM										
Control Valves	Multip	ole control valves with integral safety v	alve							
STANDARD SAFETY EQUIPMENT	 AML(Automatic Moment Limi 	ter) < Load indication, Load moment r	atio to rated load indication,							
	Warning alarm, Over load limit	ter> •WHL(Working Height Limiter) •Lo	oad meter •Radius indicator							
	 Emergency stop switch on radio 	controller •Terminal for emergency s	top switch •Over-winding alarm							
	Hoisting limiter ●Jack interlock ●P.T.O indicator lamp ●Hook safety latch									
	 Hydraulic safety 	Hydraulic safety valves, check valves and holding valves •Level gauge								
SUITABLE TRUCKS	G	Gross vehicle mass 12,000 to 25,000kg	1							

RATED LIFTING CAPACITIES - Empty Chassis

Table A

	ZE503GHRS
• 3.47m/5.91m boom	• 3.47m/5.91m boom
Load Radius (m) 2.8 pain 3.3 3.6 4.1 4.5 5.0 5.5 5.69	Load Radius (m) 2.95 and 3.8 4.1 4.5 5.0 5.5 5.6
Rated Lifting Capacity (kg) 4,040 3,280 2,930 2,430 2,030 1,730 1,430 1,380	Rated Lifting Capacity (kg) 4,040 3,130 2,930 2,630 2,380 2,130 2,0
• 8.31m boom	• 8.31m boom
Load Radius (m) 3.4 and 3.8 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09	Load Radius (m) 3.8 and 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8
Rated Lifting Capacity (kg) 3,130 2,680 2,430 2,030 1,730 1,430 1,330 1,180 1,030 930 830	Rated Lifting Capacity (kg) 3,130 2,930 2,630 2,380 2,130 1,880 1,730 1,530 1,380 1,
ZE504GHRS	ZE504GHRS
• 3.55m/5.99m boom	• 3.55m/5.99m boom
Load Radius (m) 2.8 and below 3.6 4.0 4.5 5.0 5.77	Load Radius (m) 2.9 and below 3.7 4.0 4.5 5.0 5.7
Rated Lifting Capacity (kg) 4,040 2,930 2,430 1,980 1,680 1,330	Rated Lifting Capacity (kg) 4,040 3,130 2,930 2,580 2,330 2,03
• 8.39m boom	• 8.39m boom
Load Radius (m) 3.0 and 3.6 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17	Load Radius (m) 3.7 and below 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8
Rated Lifting Capacity (kg) 3,130 2,930 2,430 1,980 1,680 1,430 1,180 1,130 1,000 900 780	Rated Lifting Capacity (kg) 3,130 2,930 2,580 2,330 2,030 1,830 1,650 1,480 1,350 1,
• 10.8m boom	• 10.8m boom
	Load Radius (m) 4.5 and 5.0 6.0 7.0 8.0 9.0 10.0 10.
ZE505GHRS	ZE505GHRS
• 3.77m/6.21m boom	• 3.77m/6.21m boom
Load Radius (m) 2.8 and below 3.6 3.9 4.5 5.0 5.5 5.99	Load Radius (m) 2.8 and below 3.6 3.9 4.5 5.0 5.5 5.9
Rated Lifting Capacity (kg) 4,040 2,930 2,530 1,930 1,630 1,380 1,130	Rated Lifting Capacity (kg) 4,040 3,130 2,930 2,530 2,230 1,980 1,73
• 8.59m boom	• 8.59m boom
Load Radius (m) 3.4 and below 3.6 3.9 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.37	Load Radius (m) 3.6 and below 3.9 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8
Rated Lifting Capacity (kg) 3,130 2,930 2,530 1,930 1,630 1,380 1,130 1,050 930 830 650	Rated Lifting Capacity (kg) 3,130 2,930 2,530 2,230 1,980 1,730 1,580 1,430 1,250 1,
• 10.97m boom	• 10.97m boom
Load Radius (m) 4.0 elow 4.5 5.0 6.0 7.0 8.0 9.0 10.0 10.75	Load Radius (m) 4.0 and below 4.5 5.0 6.0 7.0 8.0 9.0 10.0 10
Rated Lifting Capacity (kg) 2,230 1,930 1,580 1,130 900 700 550 500 450	Rated Lifting Capacity (kg) 2,230 2,180 2,030 1,730 1,400 1,100 950 800 7
• 13.34m boom	• 13.34m boom
Load Radius (m) 5.0 and below 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.12	Load Radius (m) 5.0 and below 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13
Rated Lifting Capacity (kg) 1,430 1,130 900 700 550 500 430 400 350	Rated Lifting Capacity (kg) 1,430 1,330 1,230 1,080 950 800 700 630 5
Table B	Table D
ZE503GHRS	ZE503GHRS
• 3.47m/5.91m boom	• 3.47m/5.91m boom
• 3.47m/5.91m boom Load Radius (m) 2.95 and 2.95 below 3.5 4.1 4.5 5.0 5.5 5.69	• 3.47m/5.91m boom Load Radius (m) 2.95 and 3.8 4.1 4.5 5.0 5.5 5.6
• 3.47m/5.91m boom Load Radius (m)	• 3.47m/5.91m boom Load Radius (m)
• 3.47m/5.91m boom Load Radius (m) 2.95	• 3.47m/5.91m boom Load Radius (m)
• 3.47m/5.91m boom Load Radius (m)	• 3.47m/5.91m boom Load Radius (m)
• 3.47m/5.91m boom Load Radius (m)	• 3.47m/5.91m boom Load Radius (m)
■ 3.47m/5.91m boom Load Radius (m) 2.95 below 3.5 4.1 4.5 5.0 5.5 5.69 Rated Lifting Capacity (kg) 4,040 3,380 2,930 2,480 2,080 1,780 1,680 ■ 8.31m boom Load Radius (m) 3.8 below 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 Rated Lifting Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,580 1,430 1,280 1,130 1,030	• 3.47m/5.91m boom Load Radius (m)
• 3.47m/5.91m boom Load Radius (m) 2.95 bind 3.5 4.1 4.5 5.0 5.5 5.69 Rated Lifting Capacity (kg) 4,040 3,380 2,930 2,480 2,080 1,780 1,680 • 8.31m boom Load Radius (m) 3.8 bind 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 Rated Lifting Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,580 1,430 1,280 1,130 1,030 ZE504GHRS • 3.55m/5.99m boom	3.47m/5.91m boom Load Radius (m)
■ 3.47m/5.91m boom Load Radius (m) 2.95 below 3.5 4.1 4.5 5.0 5.5 5.69 Rated Lifting Capacity (kg) 4,040 3,380 2,930 2,480 2,080 1,780 1,680 ■ 8.31m boom Load Radius (m) 3.8 below 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 Rated Lifting Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,580 1,430 1,280 1,130 1,030	3.47m/5.91m boom Load Radius (m)
• 3.47m/5.91m boom Load Radius (m) 2.95 bind 3.5 4.1 4.5 5.0 5.5 5.69 Rated Lifting Capacity (kg) 4,040 3,380 2,930 2,480 2,080 1,780 1,680 • 8.31m boom Load Radius (m) 3.8 bind 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 Rated Lifting Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,580 1,430 1,280 1,130 1,030 ZE504GHRS • 3.55m/5.99m boom	• 3.47m/5.91m boom Load Radius (m)
• 3.47m/5.91m boom Load Radius (m) 2.95 2.95 3.5 4.1 4.5 5.0 5.5 5.69 Rated Lifting Capacity (kg) 4.04 3.380 2.930 2.480 2.080 1.780 1.680 • 8.31m boom Load Radius (m) 3.8 2.930 2.480 2.080 1.780 1.580 1.430 1.280 1.130 1.030 Rated Lifting Capacity (kg) 3.130 2.930 2.480 2.080 1.780 1.580 1.430 1.280 1.130 1.030 ZE504GHRS • 3.55m/5.99m boom Load Radius (m) 2.9 2.900 3.7 4.0 4.5 5.0 5.77	• 3.47m/5.91m boom Load Radius (m)
3.47m/5.91m boom Load Radius (m)	• 3.47m/5.91m boom Load Radius (m)
• 3.47m/5.91m boom Load Radius (m) 2.95 bidlow 3.5 4.1 4.5 5.0 5.5 5.69 • 8.31m boom Load Radius (m) 3.8 bidlow 4.1 4.5 5.0 2.080 1,780 1,680 • 8.31m boom Load Radius (m) 3.8 bidlow 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 Rated Lifting Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,580 1,430 1,280 1,130 1,030 ZE504GHRS • 3.55m/5.99m boom Load Radius (m) 2.9 bidlow 3.7 4.0 4.5 5.0 5.77 Rated Lifting Capacity (kg) 4,040 3,130 2,930 2,430 2,030 1,630 8.39 boom Load Radius (m) 3.7 bidlow 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17	• 3.47m/5.91m boom Load Radius (m)
3.47m/5.91m boom Load Radius (m)	• 3.47m/5.91m boom Load Radius (m)
■ 3.47m/5.91m boom Load Radius (m)	3.47m/5.91m boom Load Radius (m)
3.47m/5.91m boom Load Radius (m) 2.95 bloom 3.5 4.1 4.5 5.0 5.5 5.69 Rated Lifting Capacity (kg) 4,040 3,380 2,930 2,480 2,080 1,780 1,680 Rated Lifting Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,680 Rated Lifting Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,580 1,430 1,280 1,130 1,030 ZE504GHRS 3.55m/5.99m boom Load Radius (m) 2.9 bloom 3.7 4.0 4.5 5.0 5.77 Rated Lifting Capacity (kg) 4,040 3,130 2,930 2,430 2,930 2,430 2,030 1,630 8.39 boom Load Radius (m) 3.7 bloom 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 Rated Lifting Capacity (kg) 3,130 2,930 2,430 2,030 1,730 1,480 1,380 1,230 1,080 980 10.8m boom Load Radius (m) 4.5 bloom 4.5 bloom 5.0 6.0 7.0 8.0 9.0 10.0 10.58	3.47m/5.91m boom Load Radius (m)
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■ 3.47m/5.91m boom Load Radius (m) 2.95 gend 3.5 4.1 4.5 5.0 5.5 5.69 ■ Rated Lifting Capacity (kg) 4,040 3,380 2,930 2,480 2,080 1,780 1,680 ■ 8.31m boom Load Radius (m) 3.8 gend 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 ■ Rated Lifting Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,580 1,430 1,280 1,130 1,030 ■ Rated Lifting Capacity (kg) 2.9 gend 3.7 4.0 4.5 5.0 5.77 ■ Rated Lifting Capacity (kg) 4,040 3,130 2,930 2,430 2,930 2,430 2,030 1,630 ■ 8.39 boom Load Radius (m) 2.9 gend 4,040 3,130 2,930 2,430 2,030 1,630 ■ 8.39 boom Load Radius (m) 3.7 gend 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 ■ Rated Lifting Capacity (kg) 3,130 2,930 2,430 2,030 1,380 1,380 1,230 1,080 980 ■ 10.8m boom Load Radius (m) 4.5 gend 5.0 6.0 7.0 8.0 9.0 10.0 10.58 ■ Rated Lifting Capacity (kg) 2,130 1,980 1,480 1,180 950 880 730 680 ■ ZE505GHRS	• 3.47m/5.91m boom Load Radius (m)
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■ 3.47m/5.91m boom Load Radius (m) 2.95 m/s 3.5 4.1 4.5 5.0 5.5 5.69 ■ 3.81m boom Load Radius (m) 3.8 m/s 2.930 2.480 2.080 1.780 1.680 ■ 8.31m boom Load Radius (m) 3.8 m/s 3.5 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 ■ 8.31m boom Load Radius (m) 3.8 m/s 3.130 2.930 2.480 2.080 1.780 1.580 1.430 1.280 1.130 1.030 ■ 8.35 m/s .99m boom Load Radius (m) 2.9 m/s 3.7 4.0 4.5 5.0 5.77 ■ 8.35 boom Load Radius (m) 2.9 m/s 3.130 2.930 2.430 2.930 2.430 2.930 2.430 2.030 1.630 ■ 8.39 boom Load Radius (m) 3.7 m/s 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 ■ 8.39 boom Load Radius (m) 3.7 m/s 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 ■ 8.39 boom Load Radius (m) 4.5 m/s 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 ■ 8.39 boom ■ 10.8m boom Load Radius (m) 4.5 m/s 5.0 5.0 6.0 7.0 8.0 9.0 10.0 10.58 ■ 8.37 m/s 2.330 2.330 1.480 1.180 950 880 730 680 ■ 10.48 m boom Load Radius (m) 2.8 m/s 5.0 5.8 5.9 5.99 ■ 10.48 d Lifting Capacity (kg) 4.040 3.130 2.930 2.430 1.980 1.680 1.430 1.480 1.	• 3.47m/5.91m boom Load Radius (m)
■ 3.47m/5.91m boom Load Radius (m) 2.95 blow 3.5 4.1 4.5 5.0 5.5 5.69 ■ Rated Lifting Capacity (kg) 4,040 3,380 2,930 2,480 2,080 1,780 1,680 ■ 8.31m boom Load Radius (m) 3.8 blow 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 ■ 8.31m boom Load Radius (m) 3.8 blow 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 ■ 8.35m/5.99m boom Load Radius (m) 2.9 blow 3.7 4.0 4.5 5.0 5.77 ■ 8.39 boom Load Radius (m) 3.7 blow 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 ■ 8.39 boom Load Radius (m) 3.7 blow 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 ■ 8.39 boom Load Radius (m) 3.7 blow 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 ■ 8.30 boom Load Radius (m) 4.5 blow 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 ■ 10.8m boom Load Radius (m) 4.5 blow 5.0 6.0 7.0 8.0 9.0 10.0 10.58 ■ 3.77m/6.21m boom Load Radius (m) 2.8 blow 5.0 6.0 7.0 8.0 9.0 10.0 10.58 ■ 2.57m/6.21m boom Load Radius (m) 2.8 blow 3.6 3.9 4.5 5.0 5.5 5.99 ■ 3.77m/6.21m boom Load Radius (m) 2.8 blow 3.6 3.9 4.5 5.0 5.5 5.99 ■ 3.74m/6.21m boom Load Radius (m) 2.8 blow 3.6 3.9 4.5 5.0 5.5 5.99 ■ 8.59m boom	• 3.47m/5.91m boom Load Radius (m)
• 3.47m/5.91m boom Load Radius (m) 2.95 giblow 3.5 4.1 4.5 5.0 5.5 5.69 • 8.31m boom Load Radius (m) 3.8 giblow 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 • 8.31m boom Load Radius (m) 3.8 giblow 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 • 8.35m/5.99m boom Load Radius (m) 2.9 giblow 3.7 4.0 4.5 5.0 5.77 Rated Lifting Capacity (kg) 4.040 3.130 2.930 2.430 2.930 2.430 2.030 1.630 • 8.39 boom Load Radius (m) 3.7 giblow 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 Rated Lifting Capacity (kg) 3.130 2.930 2.430 2.030 1.730 1.480 1.380 1.230 1.080 • 8.39 boom Load Radius (m) 3.7 giblow 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 Rated Lifting Capacity (kg) 3.130 2.930 2.430 2.030 1.730 1.480 1.380 1.230 1.080 980 • 10.8m boom Load Radius (m) 4.5 giblow 5.0 6.0 7.0 8.0 9.0 10.0 10.58 Rated Lifting Capacity (kg) 2.130 1.980 1.480 1.180 950 880 730 680 ZE505GHRS • 3.77m/6.21m boom Load Radius (m) 2.8 giblow 3.6 3.9 4.5 5.0 5.5 5.9 Rated Lifting Capacity (kg) 4.040 3.130 2.930 2.430 1.980 1.680 1.430 Rated Lifting Capacity (kg) 4.040 3.130 2.930 2.430 1.980 1.680 1.430 Rated Lifting Capacity (kg) 4.040 3.130 2.930 2.430 1.980 1.980 1.680 1.430 Rated Lifting Capacity (kg) 4.040 3.130 2.930 2.430 1.980 1.680 1.430 Rated Lifting Capacity (kg) 4.040 3.130 2.930 2.430 1.980 1.680 1.430 Rated Lifting Capacity (kg) 4.040 3.130 2.930 2.430 1.980 1.680 1.430 Rated Lifting Capacity (kg) 4.040 3.130 2.930 2.430 1.980 1.680 1.430 Rated Lifting Capacity (kg) 3.6 giblow 3.6 giblow 3.6 giblow 3.6 giblow 3.6 giblow 3.8 giblow 3.6 giblow 3.8 giblow	• 3.47m/5.91m boom Load Radius (m)
■ 3.47m/5.91m boom Load Radius (m) 2.95 m/s 3.5 4.1 4.5 5.0 5.5 5.69 ■ Assume the first of the content of t	• 3.47m/5.91m boom Load Radius (m)
■ 3.47m/5.91m boom Load Radius (m) 2.95	• 3.47m/5.91m boom Load Radius (m)
*3.47m/5.91m boom Load Radius (m)	• 3.47m/5.91m boom Load Radius (m)
■ 3.47m/5.91m boom Load Radius (m) 2.95 m/s 3.5 4.1 4.5 5.0 5.5 5.69 ■ Rated Liffing Capacity (kg) 4,040 3,380 2,930 2,480 2,080 1,780 1,680 ■ 8.31m boom Load Radius (m) 3.8 m/s 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 ■ Rated Liffing Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,580 1,430 1,280 1,130 1,030 ■ 7.5 m/s 1,030 1,030 1,030 ■ 8.35m/s.99m boom Load Radius (m) 2.9 m/s 3.7 4.0 4.5 5.0 5.77 ■ 8.39 boom Load Radius (m) 3.7 m/s 4.0 4.5 5.0 5.77 ■ 8.39 boom Load Radius (m) 3.7 m/s 4.0 4.5 5.0 5.77 ■ 8.39 boom Load Radius (m) 3.7 m/s 4.0 4.5 5.0 5.77 ■ 8.39 boom Load Radius (m) 3.7 m/s 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 ■ 8.39 boom Load Radius (m) 3.7 m/s 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 ■ 8.39 boom Load Radius (m) 4.5 m/s 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 ■ 8.39 boom Load Radius (m) 4.5 m/s 5.0 5.0 6.0 7.0 8.0 9.0 10.0 10.58 ■ 8.37 m/s 4.0 4.5 5.0 5.5 5.0 5.5 5.99 ■ 8.45 m/s 4.0 4.0 4.5 5.0 5.5 5.0 5.5 5.99 ■ 8.45 m/s 4.0 4.0 4.5 5.0 5.5 5.0 5.5 5.99 ■ 8.45 m/s 4.0	• 3.47m/5.91m boom Load Radius (m)
■ 3.47m/5.91m boom Load Radius (m) 2.95 bbow 3.5 4.1 4.5 5.0 5.5 5.69 Rated Lifting Capacity (kg) 4,040 3,380 2,930 2,480 2,080 1,780 1,680 ■ 8.31m boom Load Radius (m) 3.8 bbow 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 Rated Lifting Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,580 1,430 1,280 1,130 1,030 ZE504GHRS ■ 3.55m/5.99m boom Load Radius (m) 2.9 bbow 3.7 4.0 4.5 5.0 5.5 5.0 5.77 Rated Lifting Capacity (kg) 4,040 3,130 2,930 2,430 2,930 2,430 2,030 1,630 ■ 8.39 boom Load Radius (m) 3.7 bbow 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 Rated Lifting Capacity (kg) 3,130 2,930 2,430 2,030 1,730 1,480 1,380 1,230 1,080 980 ■ 10.8m boom Load Radius (m) 4.5 bbow 5.0 6.0 7.0 8.0 9.0 10.0 10.58 Rated Lifting Capacity (kg) 2,130 1,980 1,480 1,180 950 880 730 680 ZE505GHRS ■ 3.7m/6.21m boom Load Radius (m) 2.8 bbow 3.6 3.9 4.5 5.0 5.5 5.9 Rated Lifting Capacity (kg) 4,040 3,130 2,930 2,430 1,980 1,980 1,680 1,430 ■ 8.59m boom Load Radius (m) 3.6 bbow 3.9 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.37 Rated Lifting Capacity (kg) 3,130 2,930 2,430 1,980 1,680 1,430 ■ 8.59m boom Load Radius (m) 3.6 bbow 3.9 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.37 Rated Lifting Capacity (kg) 3,130 2,930 2,430 1,980 1,680 1,430 ■ 10.97m boom Load Radius (m) 4.0 bbow 3,130 2,930 2,430 1,980 1,680 1,430 1,030 830 ■ 10.97m boom Load Radius (m) 4.0 bbow 4.5 5.0 6.0 7.0 8.0 9.0 10.0 10.75 Rated Lifting Capacity (kg) 3,130 2,930 2,430 1,980 1,680 1,430 1,280 1,130 1,030 830 ■ 10.97m boom	• 3.47m/5.91m boom Load Radius (m)
*3.47m/5.91m boom Load Radius (m) 2.95 below 3.5 4.1 4.5 5.0 5.5 5.69 Rated Lifting Capacity (kg) 4,040 3,380 2,930 2,480 2,080 1,780 1,680 *8.31m boom Load Radius (m) 3.8 below 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09 Rated Lifting Capacity (kg) 3,130 2,930 2,480 2,080 1,780 1,580 1,430 1,280 1,130 1,030 ZE504GHRS *3.55m/5.99m boom Load Radius (m) 2.9 below 3.7 4.0 4.5 5.0 5.77 Rated Lifting Capacity (kg) 4,040 3,130 2,930 2,430 2,930 2,430 2,030 1,630 *8.39 boom Load Radius (m) 3.7 below 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17 Rated Lifting Capacity (kg) 3,130 2,930 2,430 2,030 1,730 1,480 1,380 1,230 1,080 980 *10.8m boom Load Radius (m) 4.5 below 5.0 6.0 7.0 8.0 9.0 10.0 10.58 Rated Lifting Capacity (kg) 2,130 1,980 1,480 1,180 950 880 730 680 ZE505GHRS *3.77m/6.21m boom Load Radius (m) 2.8 below 3.6 3.9 4.5 5.0 5.5 5.99 Rated Lifting Capacity (kg) 4,040 3,130 2,930 2,430 1,980 1,680 1,430 1,480 1,680 1,430 1,440	• 3.47m/5.91m boom Load Radius (m)

- 1. Operating speeds of the crane are guaranteed under the conditions that the pump delivery is 60L/min.
- 2. *No allowance made for boom deflection under laden conditions.

ond					_					_				
		_			_		_			\perp				5.69
4,040	3,1	30	2,	930		2,63	30	2	,380		2,1	30		2,03
					_	-					-			8.0
3,130	2,930	2,630	0 2,	,380	2,1	30	1,88	30 1	1,730	1,5	530	1,38	30	1,2
2.9 ar	elow	3.7		4	1.0			4.5		5	5.0			5.77
4,04	0	3,130)	2,	930)	2	,580		2,3	330		2,	,030
•	•													
3.7 and below	4.0	4.5		5.0	5	5.5	6.	0	6.5	7	.0	7.	5	8.1
3,130	2,930	2,58	0 2	,330	2,0	030	1,8	30	1,650	1,4	180	1,3	50	1,18
4.5 and	5.0		6.0		7.0)	8.	0	9.0	0	1	0.0	Τ.	10.5
2,130) 1	,780	0 1	,48	30	1,2	00	1,0	30	ç	900	\top	830
	-													
2.8 and	w 3.	.6	- ;	3.9	Т	4.5	5		5.0		5.5	5	Ę	5.99
		30	2	.930	T	2.5	30	2	.230		1.98	30	1	,730
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				,					,					
3.6 and	3.9	4.5	Т	5.0	5	5.5	6.	οТ	6.5	T 7	².0	7.	5	8.3
3.130	2.930	2.53	0 2	.230	1.9	980	1.7	30	1.580	1.4	130	1.25	50	1,05
,	,	,,,,,		,	-				,					, -
4.0 and	4.5	5.	.0	6.0)	7.	0	8.0)	9.0		10.0	T	10.7
2,230	2,180	2,0	30	1,73	30	1,4	-00	1,10	00	950	,	800	\neg	730
5.0 and	6.0	7.	.0	8.0		9.	.0	10.	0	11.0		12.0	П	13.1
1,430	1,330	1,2	30	1,08	30		_	80	0	700		630	T	530
2.95 and belo	3.	8		4.1	Т	4.	5		5.0	Т	5.5	5 1		5.69
	3.8 and 3.130 2.9 and 4.040 3.7 and 3.130 4.5 and 4.040 2.130 2.8 and below 3.130 4.0 and below 3.130 4.0 and below 3.130 4.0 and below 3.130 5.0 and	3.8 and 4.1 3.130 2,930	4,040 3,130 3.8 and 4.1 4.5 3,130 2,930 2,630 2.9 and 2,630 2.9 and 2,630 2.9 and 3,130 3.7 and 2,930 2,58 4.5 and 3,130 2.8 and 3,130 2.8 and 3,130 2.8 and 3,130 3.6 and 3,130 3.6 and 3,130 3.6 and 3.6 and	4,040 3,130 2, 3.8 and 2, 3.130 2,930 2,630 2, 2.9 and 3.7 4,040 3,130 3.7 and 3,130 3.7 and 3,130 3.7 and 4.0 4.5 3,130 2,930 2,580 2 4.5 and 3,130 2,030 1,780 2.8 and 3,6 4,040 3,130 2 3.6 and 3,130 2 3.6 and 3,130 2 3.6 and 3,130 2 3.7 and 3,130 2 3.8 and 3,130 2 3.8 and 3,130 2 3.9 and 3,130 2 3.9 and 3,130 2 3.0 and 3,130 3,130 3.0 and 3,130 3.0 a	4,040 3,130 2,930 3.8 and 4.1 4.5 5.0 3,130 2,930 2,630 2,380 2.9 and 3.7 4 4,040 3,130 2, 3.7 below 4.0 4.5 5.0 3,130 2,930 2,580 2,330 4.5 below 5.0 6.0 2,130 2,930 1,780 1 2.8 and 3,130 2,930 2,580 2,330 4.0 below 3.6 3.9 4,040 3,130 2,930 2,230 3.6 and 3.9 4.5 5.0 3,130 2,930 2,230 4.0 below 4.5 5.0 6.0 2,230 2,230 4.0 below 4.5 5.0 6.0 2,230 2,230 5.0 below 6.0 7.0 8.6	4,040 3,130 2,930 3.8 2,930 3.8 2,930 4.1 4.5 5.0 5 3,130 2,930 2,630 2,380 2,1 2.9 2,00 3.7 4.0 4,040 3,130 2,930 3.7 2,930 3.7 2,930 3.7 2,930 3.7 2,930 3.7 2,930 3.7 3.7 3.8 3.130 2,930 2,580 2,330 2,1 4.5 3,130 2,930 1,780 1,48 3.9 4,040 3,130 2,930 3.6 3.9 4,040 3,130 2,930 3.6 3.9 4,040 3,130 2,930 3.6 3.9 4,040 3,130 2,930 3.6 3.9 4,040 3,130 2,930 3.6 3.9 4,040 3,130 2,930 3.6 3.9 4,040 3,130 2,930 3,530 2,230 1,1 4.0 3,130 2,930 2,230 1,1 4.0 3,130 2,930 2,230 1,1 4.0 3,130 2,930 2,230 1,1 3,130 2,230 2,180 2,030 1,730 5.0 3,100 6.0 7.0 8.0 5.0 3,100 6.0 7.0 8.0 5.0 6.0 5.0 6.0 7.0 8.0 6.0 7.0 8.0 7.0	4,040 3,130 2,930 2,6 3.8 mod	4,040	4,040	4,040 3,130 2,930 2,630 2,380 3.8 2.380 4.1 4.5 5.0 5.5 6.0 6.5 3,130 2,930 2,630 2,380 2,130 1,880 1,730 2.9 2.0 2.	4,040	4,040 3,130 2,930 2,630 2,380 2,13 3.8 and 4.1 4.5 5.0 5.5 6.0 6.5 7.0 3,130 2,930 2,630 2,380 2,130 1,880 1,730 1,530 2,930 2,630 2,380 2,130 1,880 1,730 1,530 2,930 2,580 2,330 2,930 2,580 2,330 3,130 2,930 2,580 2,330 3,130 2,930 2,580 2,330 3,130 2,930 2,580 2,330 3,130 2,930 2,580 2,330 3,130 2,930 2,580 3,39 4,5 6,0 6,5 7.0 3,130 2,930 1,780 1,480 1,200 1,030 5 2,880 2,330 2,330 2,330 2,330 2,330 3,330 3,330 2,330 2,330 2,330 2,330 3,330 3,330 2,330 2,330 3,330 2,330 3,330 2,330 3,330 2,330 3,330 2,330 3,330 2,330 3,330 2,330 3,330 2,330 3,330 3,330 2,330 3,330 3,330 2,330 3,330	4,040	4,040 3,130 2,930 2,630 2,380 2,130 3.8

RATED LIFTING CAPACITIES NOTE:

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

ZE500HRS series



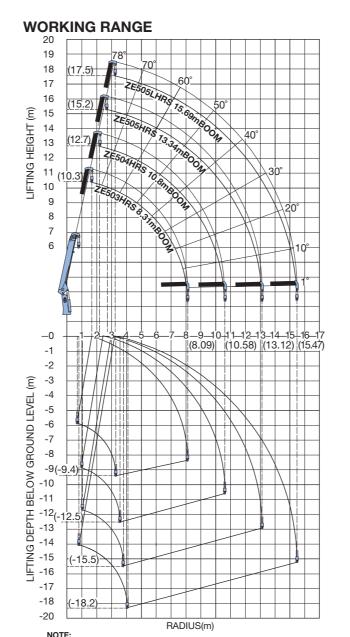
QUICKER WORK WITH OUTRIGGER MECHANISM

The outrigger beams can be easily operated, using a grip

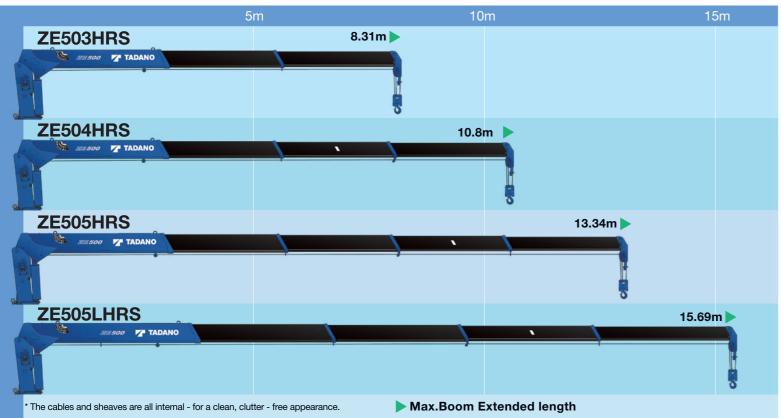
to lock or release and extend or retract.
Further more safety, new lock system prevents the outrigger beams from extending during vehicle travel.
A level gauge is provided







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



TECHNICAL SPECIFICATIONS

MODEL	ZE503HRS	ZE504HRS	ZE505HRS	ZE505LHRS					
CRANE CAPACITY	3,130kg at 3.8m	3,130kg at 3.7m	3,130kg at 3.6m	3,130kg at 3.6m					
	(4-part lines)	(4-part lines)	(4-part lines)	(4-part lines)					
BOOM	Fully hydraulic telescoping boom	Fully power	ered partly synchronized telescop	ing boom					
	of heptagonal box construction		of heptagonal box construction						
Sections	3	4	5	5					
Length	3.47m - 8.31m	3.55m - 10.8m	3.77m - 13.34m	4.32m - 15.69m					
Extending Speed	4.84m / 18s	7.25m / 21s	9.57m / 25s	11.37m / 29.5s					
Elevation Range/Speed		1° to 78	°/12s						
Max. Hook Height*	Approx. 10.3m*	Approx. 12.7m*	Approx. 15.2m*	Approx. 17.5m*					
Max. Load Radius*	8.09m*	10.58m*	13.12m*	15.47m*					
WINCH	Hydraulic mot	or driven. Spur gear speed r	eduction, provided with mech	nanical brake.					
Max. Single Line Pull		7.70kN {7	785kgf}						
Max. Single Line Speed	76m/min. (at 4th layer)								
Wire rope (Diameter x length)	8mm x 56m	8mm x 56m 8mm x 69m 8mm x 81m							
SWING		Hydraulic motor driven. Wo	rm gear speed reduction.						
	Continuous 30	60° full circle swing on ball b	pearing slew ring. Automatic s	swing lock.					
Speed		2.5 min ⁻	⁻¹ {rpm}						
OUTRIGGERS	M	anually extended sliders and	d hydraulically extended jacks	3					
		Integral with crane frame	Power up and down						
Extended Width		Max.: 3.8m, Mid.: 3	3.0m, Min.: 2.2m						
HYDRAULIC SYSTEM									
Control Valves		Multiple control valves v	vith integral safety valve						
STANDARD SAFETY EQUIPMENT	AML(Automatic Mo	ment Limiter) <load indicat<="" td=""><td>ion, Load moment ratio to rat</td><td>ed load indication,</td></load>	ion, Load moment ratio to rat	ed load indication,					
	Warning alarm, Over	r load limiter> •WHL(Working	g Height Limiter) •Load meter	 Radius indicator 					
	 Emergency stop switc 	h on radio controller •Termi	nal for emergency stop switch	•Over-winding alarm					
	 Hoisting limiter ◆Jack interlock ◆P.T.O indicator lamp ◆Hook safety latch 								
	•Hydrau	lic safety valves, check valve	es and holding valves •Level	gauge					
SUITABLE TRUCKS		Gross vehicle mass	12,000 to 25,000kg						

RATED LIFTING CAPACITIES - Empty Chassis

*3.4**/IV.3.5**III DOOM**
Load Radius (m) 3.4 subset 3.8 4.1 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.09
Rated Lifting Capacity (kg) 3,130 2,680 2,430 2,030 1,730 1,430 1,330 1,180 1,030 930 830

ZE503HRS• 3.47m/5.91m/8.31m boom

• 3.55111/5.99111/6.5911	I DOOIII										
Load Radius (m)	3.4 and below	3.6	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.17
Rated Lifting Capacity (kg)	3,130	2,930	2,430	1,98	01,680	1,430	1,180	1,130	1,000	900	780
• 10.8m boom						•					
Load Radius (m)	4.0 and below	4.5	5.0	0	6.0	7.0	8.0	9.	0 1	0.0	10.58
Rated Lifting Capacity (kg)	2,130	1,980	1,63	30 1	,180	1,000	800	68	30	580	550
ZE505HRS											
• 3.77m/6.21m/8.59m	n boom										
Load Radius (m)	3.4 and below	3.6	3.9	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.37
Rated Lifting Capacity (kg)			2,530	1,93	01,630	1,380	1,130				
• 10.97m boom				-		1	-				_
Load Radius (m)	4.0 and below	4.5	5.0	О	6.0	7.0	8.0	9.	0 -	10.0	10.57
Rated Lifting Capacity (kg)	2,230	1,930	1,58	30 1	1,130	900	700	55	50	500	450
• 13.34m boom		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 .,		,						
Load Radius (m)	5.0 and below	6.0	7.0)	8.0	9.0	10.0	11	.0 1	12.0	13.12
Rated Lifting Capacity (kg)	1,430	1,130	_	_	700	550	500	43	_	400	350
3 - 4 - 7 (3)											
Table B											
ZE503HRS											
• 3.47m/5.91m/8.31m	hoom										
	3.8 and below	4.1	4.5	5.0	5.	5 6.	0 6.	F .	7.0	7.5	8.09
Rated Lifting Capacity (kg)		2,930		_	_	_	-			1,130	_
ZE504HRS	5,150	2,330	2,400	2,00	1,7	00 1,0	00 1,4	100	,200	1,100	1,000
• 3.55m/5.99m/8.39m	hoom										
Load Radius (m)	3.7 and below	4.0	4.5	5.	0 5	5 6.	0 6	.5	7.0	7.5	8.17
Rated Lifting Capacity (kg)	3,130		_	_	30 1,7			_	_	1,080	980
10.8m boom	3,130	2,930	2,430	0 2,0	30 1,7	30 1,4	1,00	1 000	,230	1,000	960
Load Radius (m)	4.5 and below	5.0	- 6	6.0	7.0	0	.0	9.0	10	0	10.58
Rated Lifting Capacity (kg)	2.130	1.980	_	480	1.18	_	50	880	73	_	680
ZE505HRS	2,130	1,900	J 1,	400	1,10	0 9.	30	880	13	50	000
• 3.77m/6.21m/8.59m											
Load Radius (m)	3.6 and helow	3.9	4.5	5.	0 5	.5 6	.0 6	.5	7.0	7.5	8.37
Rated Lifting Capacity (kg)						80 1,4					830
10.97m boom	3,130	2,930	2,430	J 1,9	00 1,0	000 1,4	30 1,3	30 1,	,130	1,030	630
Load Radius (m)	4.0 and below	4.5	5.0	_	6.0	7.0	8.0	9.0	2 1	0.0	10.75
			_	_	-	1,130	880	73		350	580
Rated Lifting Capacity (kg) 13.34m boom	2,230	2,180	1,93	50 I	,430	1,130	000	13	0 6	550	360
Load Radius (m)	5.0 and below	6.0	7.0	<u> </u>	8.0	9.0	10.0	11.	0 1	2.0	13.12
		1.330	_	_	880	730	650	55	_	500	430
Rated Lifting Capacity (kg) ZE505HRS	1,430	1,330	1,13	50	000	730	650	55	0 5	500	430
• 4.32m/7.21m/10.04	3.6 and below		1 E	E 0	1 = =	160	6.5	7.0	0.0	0.0	0.00
Load Radius (m)		3.9	4.5	5.0	5.5	6.0	6.5	7.0	8.0	9.0	9.82
Rated Lifting Capacity (kg)	3,130	2,930	2,380	1,980	ال,680	ار,430	1,230	1,030	880	680	600
• 12.87m boom	4 o and	4.5	- 0	0.0	7.0	0.0	0.0	100	44.0	1400	40.00
Load Radius (m)	4.0 and below	4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	_	12.65
Rated Lifting Capacity (kg)	1,980	1,930	1,830	1,380	030, רן כ	088	650	580	500	430	400
• 15 60m boom											

TECHNICAL SPECIFICATIONS NOTE:

Operating speeds of the crane are guaranteed under the conditions that the pump delivery is 60L/min.
 **No allowance made for boom deflection under laden conditions.

 Load Radius (m)
 10.0 end below
 11.0
 12.0
 13.0
 14.0
 15.47

 Rated Lifting Capacity (kg)
 530
 500
 430
 380
 350
 280

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.

ZE503HRS										
• 3.47m/5.91m/8.31m	n boom									
Load Radius (m)	3.8 and below	4.1	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0
Rated Lifting Capacity (kg)	3,130	2,930	2,630	2,380	2,130	1,880	1,730	1,530	1,380	1,23
ZE504HRS										
• 3.55m/5.99m/8.39n	n boom									
Load Radius (m)	3.7 and below	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.1
Rated Lifting Capacity (kg)	3,130	2,930	2,580	2,330	2,030	1,830	1,650	1,480	1,350	1,18
• 10.8m boom										
Load Radius (m)	4.5 and below	5.0	6	.0	7.0	8.0	9.0	10	0.0	10.58
Rated Lifting Canacity (kg)	2 130	2.03	0 17	78N	1 480	1 200	1.03	an c	200	830

Rated Lifting Capacity (kg)	2,130	2,030	1,78	1,780 1		1,2	200	1,0	030	6	900	830
ZE505HRS												
• 3.77m/6.21m/8.59m	n boom											
Load Radius (m)	3.6 and below	3.9	4.5	5.0	5.5	6	.0	6.5	7	'.0	7.5	8.37
Rated Lifting Capacity (kg)	3,130	2,930	2,530	2,230	1,98	30 1,7	30	1,580	0 1,4	130	1,250	1,050
• 10.97m boom												
Load Radius (m)	4.0 and below	4.5	5.0	6.0)	7.0	8	.0	9.0		10.0	10.57
Rated Lifting Capacity (kg)	2,230	2,180	2,030	1,73	0 1	,400	1,1	00	950		800	730
• 13.34m boom												
Load Radius (m)	5.0 and below	6.0	7.0	8.0		9.0	10	.0	11.0	-	12.0	13.12

• 13.34m boom										
Load Radius (m)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0) 12	2.0	13.12
Rated Lifting Capacity (kg)	1,430	1,330	1,230	1,080	950	800	700) 6	30	530
ZE505LHRS										
 4.32m/7.21m/10.04 	m boon	า								
Load Radius (m)	3.6 and below	3.9	4.5	5.0 5.	5 6.0	6.5	7.0	8.0	9.0	9.82

 Rated Lifting Capacity (kg)
 3,130
 2,930
 2,480
 2,180
 1,930
 1,730
 1,530
 1,330
 1,080
 880
 750

 • 12.87m boom
 Load Radius (m)
 4.0 % (s)
 4.5
 5.0
 6.0
 7.0
 8.0
 9.0
 10.0
 11.0
 12.0
 12.65
 Rated Lifting Capacity (kg)
 1,980
 1,930
 1,580
 1,330
 1,080
 830
 730
 650
 580
 530

 • 15.69m boom
 Load Radius (m)
 12.0 % (s)
 13.0
 14.0
 15.47

 Rated Lifting Capacity (kg)
 530
 500
 450
 380

Table D										
ZE503HRS										
• 3.47m/5.91m/8.31r	n boom									
Load Radius (m)	3.8 and below	4.1	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.09
Rated Lifting Capacity (kg)	3,130	2,930	2,630	2,380	2,180	1,980	1,830	1,680	1,530	1,430

ZE504HRS• 3.55m/5.99m/8.39m boom
Load Radius (m) 3.7 series 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5 8.17
Rated Lifting Capacity (kg) 3.130 2,930 2,580 2,330 2,080 1,930 1,780 1,630 1,480 1,380
• 10.8m boom

 • 10.8m boom

 Load Radius (m)
 4.5 below
 5.0
 6.0
 7.0
 8.0
 9.0
 10.0
 10.58

 Rated Lifting Capacity (kg)
 2,130
 2,030
 1,780
 1,530
 1,380
 1,200
 1,050
 1,000

 ZE505HRS

ZESUSTINS													
• 3.77m/6.21m/8.59n	n boom												
Load Radius (m)	3.6 and below	3.9	4.5	5.0	5	.5	6.	0	6.5	5	7.0	7.5	8.37
Rated Lifting Capacity (kg)	3,130	2,930	2,530	2,230	1,9	980	1,7	80	1,63	0	1,480	1,380	1,180
• 10.97m boom													
Load Radius (m)	4.0 and below	4.5	5.0	6.0		7.	0	8	.0	(9.0	10.0	10.57
Rated Lifting Capacity (kg)	2,230	2,180	2,030	1,73	0	1,4	30	1,2	30	1,	080	980	900
• 13.34m boom													
Load Radius (m)	5.0 and below	6.0	7.0	8.0	1	9.	0	10	0.0	1	1.0	12.0	13.12
Rated Lifting Capacity (kg)	1,430	1,330	1,230	1,08	οТ	98	0	88	30	8	00	730	650

 ZE505LHRS

 • 4.32m/7.21m/10.04m boom

 Load Radius (m)
 3.6 and below

 3.9
 4.5

 5.0
 5.5

 6.0
 6.5

 7.0
 8.0

 9.0
 9.82

 Rated Lifting Capacity (kg)
 3,130

 2,930
 2,480

 2,180
 1,730

 1,530
 1,380

 1,180
 980

 80

 • 12.87m boom

• 15.69m boom

Load Radius (m) | 15.47 gd/s

Rated Lifting Capacity (kg) | 530

