

A Street

-

Lifting your dreams

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TRUCK LOADER CRANE

TM-ZE290/260 For Small Size Vehicles



IDEAL Cargo Crane, TADANO ZE

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

The key development concepts remain:

EXCELSIOR QUALITY, EASY OPERATION AND EASY MAINTENANCE.

The TM-ZE290/260 series,

with a lifting capacity of 3.03/2.63 tons, and a choice of 4 different lengths of the boom are available to meet your lifting requirements.

CENTRALIZED CONTROL PANELS

Installed on both sides of the slewing post are the centralized control panels where operating switches and the lifting charts needed for crane operation are grouped together and arranged on a single panel.



RESPONDING TO OPERATOR' S COMMAND

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





QUICKER WORK WITH ADVANCED OUTRIGGER MECHANISM

The outrigger sliders can be easily operated, using a grip to

lock/release and extend/retract them. The new lock system prevents the outriggers from swinging out during traveling. A level gauge is provided as standard equipment.



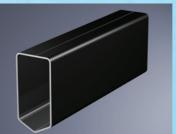
STRONGER AND LIGHTER BOOM

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

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



14/11/2.90



FULL CIRCLE, CONTINUOUS SLEWING

The newly designed compact slewing post improves performance providing FULL CIRCLE, continuous rotation for more efficient operations. AUTOMATIC SLEWING LOCK: The boom

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

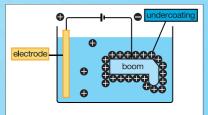
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CATIONIC ELECTRO-DEPOSITION COATING

The crane is undercoated by Cationic Electro-deposition method. The parts are dipped in cationic solution, and even the narrow inner booms and frames are thoroughly undercoated.



STRONGER WINCH

The advantages of the enlarged winch drum and plunger motor are evident during start-up when maximum power is required. Re-hoisting with a load on the hook can also be handled with ease.

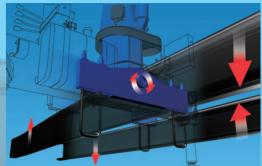
The winch reduction gear comes equipped with a failsafe automatic brake.

From the pitch of the drum grooves to the fitting of the guide sheave, cable winding has been improved in every detail so as to prevent the cable from winding off position.



THREE-POINT SUPPORT SYSTEM (Equalizer Crane Support)

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.



TM-ZE290 series



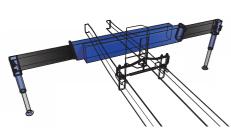
HOOK IN SYSTEM (TM-ZE290MH only)

The TM-ZE290MH features the "Hook-In" system to further enhance work efficiency.

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

No more manual fixing.



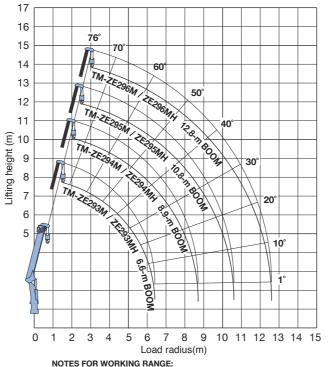


PARABOX OUTRIGGER (TM-ZE290 series)



TM-ZE294MH

WORKING RANGE



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



TECHNICAL SPECIFICATIONS

MODEL	TM-ZE293M TM-ZE293MH*	TM-ZE294M TM-ZE294MH*	TM-ZE295M TM-ZE295MH*	TM-ZE296M TM-ZE296MH*
CRANE CAPACITY	3,030 kg at 1.5 m (4-parts of line)	3,030 kg at 1.5 m (4-parts of line)	3,030 kg at 1.4 m (4-parts of line)	3,030 kg at 1.4 m (4-parts of line)
BOOM	Fully	y powered telescoping boom	of pentagonal box construct	ion.
Number of sections	3	4	5	6
Length	2.85 m - 6.6 m	3.17 m - 8.9 m	3.13 m - 10.8 m	3.23 m - 12.8 m
Extending speed	3.75 m / 10.5 s	5.73 m / 13 s	7.67 m / 15.5 s	9.57 m / 17 s
Elevating range/speed	7.0	1° to 76		40.0
Max. lifting height**	approx. 7.8 m**	approx. 10.0 m**	approx. 11.8 m**	approx. 13.8 m**
Max. load radius** WINCH	6.4 m**	8.7 m** Hydraulic m	10.6 m**	12.6 m**
WINCH			provided with mechanical bral	ko
Max. single line pull		7.45 kN {7		NC.
Max. single line speed		68 m/min. (a		
Wire rope (Diameter x length)	8 mm x 45 m	8 mm x 56 m	8 mm x 66 m	8 mm x 75 m
SLEWING		Hydraulic motor driven. Wo		
0220000	Continuous 360	5	pearing slew ring. Automatic s	slewina lock.
Slewing speed		2.5 min ⁻	<u> </u>	
OUTRIGGERS	N		hydraulically extended jacks	3
		Integral with c	rane frame	
Extension width		Max. : 3.4 m, Mid. : 2.9m		
HYDRAULIC SYSTEM				
Control valves		Multiple control valves w		
STANDARD SAFETY DEVICES	 Load meter 	ad indicator •Anti-two-block	alarm •Hoisting limiter •P.T.C). indicator lamp
		 Hook safety latch •Hydraulie 	, , , , , , , , , , , , , , , , , , , ,	
SUITABLE TRUCKS			s 4,000 to 8,000 kg	
			echanically stows hook beneath boom he radius and boom angle change must be a	
RATED LIFTING CAPAC	ITIES (With empty chass		autus and boom angle change must be a	counted for when applying load to hook.
Table A		Table D		
TM-ZE293M / ZE293MH		TM-ZE293M / ZE	293MH	
● 2.85-m/4.74-m boom Load radius (m) 1.5 and 2.0	2.5 3.0 3.5 4.0	4.54 • 2.85-m/4.74-m bo		.0 3.5 4.0 4.54
	,730 1,230 930 730	4.54 Load radius (m) 630 Rated lifting capacity (kg		
• 6.6-m boom	3.5 4.0 4.5 5.0 5.5 (• 6.6-m boom		
Load radius (m) 2.2 and below 2.5 3.0 Rated lifting capacity (kg) 1,880 1,630 1,230		6.0 6.4 Load radius (m) 380 350 Rated lifting capacity (kg)	2.2 below 2.5 3.0 3.5 4.0 g) 1,880 1,680 1,430 1,230 1,080	
TM-ZE294M / ZE294MH		TM-ZE294M / ZE	294MH	
● 3.17-m/5.12-m boom Load radius (m) 1.5 and below 2.0 2.	5 3.0 3.5 4.0 4.5	4.92 • 3.17-m/5.12-m bo		3.5 4.0 4.5 4.92
Rated lifting capacity (kg) 3,030 2,280 1,7				3.5 4.0 4.5 4.92 1,250 1,080 930 850
• 7.01-m boom		• 7.01-m boom		
Load radius (m) 2.2 and below 2.5 3.0 Rated lifting capacity (kg) 1,880 1,630 1,150		5.0 6.81 50 300 Load radius (m) Rated lifting capacity (kg	2.2 and 2.5 3.0 3.5 4.0 a) 1,880 1,680 1,430 1,230 1,080	4.5 5.0 5.5 6.0 6.81 0 930 830 730 650 580
• 8.9-m boom		• 8.9-m boom		
Load radius (m) 3.0 and below 3.5 4. Rated lifting capacity (kg) 980 830 68			3.0 and below 3.5 4.0 5.0 a) 1,030 930 830 680	6.0 7.0 8.0 8.7 580 480 400 350
	-	TM-ZE295M / ZE		360 480 400 330
Table C		• 3.13-m/5.07-m bo		
TM-ZE293M / ZE293MH • 2.85-m/4.74-m boom		Load radius (m)	1.45 and 2.0 2.5 3.0	3.5 4.0 4.5 4.87
Load radius (m) 1.5 and 2.0	2.5 3.0 3.5 4.0	4.54 Rated lifting capacity (k) • 7.0-m boom	g) 3,030 2,180 1,730 1,430	1,230 1,080 930 830
Rated lifting capacity (kg) 3,030 2,280 1	,830 1,430 1,080 830	730 Load radius (m)	2.2 and 2.5 3.0 3.5 4.0	
● 6.6-m boom Load radius (m) 2.2 ^{and} 2.5 3.0	3.5 4.0 4.5 5.0 5.5 0	6.0 6.4 Rated lifting capacity (k	g) 1,880 1,680 1,430 1,180 1,030	0 880 780 680 630 530
Rated lifting capacity(kg) 1,880 1,630 1,330		0.0 0.4 480 430 Load radius (m)	3.0 and 3.5 4.0 5.0	6.0 7.0 8.0 8.7
TM-ZE294M / ZE294MH		Rated lifting capacity (k		580 480 380 350
• 3.17-m/5.12-m boom		<u>0.8-m boom</u> Load radius (m)	4.0 and 4.5 5.0 6.0	7.0 8.0 9.0 10.0 10.6
Load radius (m) 1.5 and 2.0 2.		4.92 Rated lifting capacity (k		7.0 8.0 9.0 10.0 10.8 330 280 250 230 210
Rated lifting capacity (kg) 3,030 2,280 1,8 7.01 m boom 7.01 m	30 1,380 1,030 830 680			
● 7.01-m boom Load radius (m) 2.2 and 2.5 3.0	3.5 4.0 4.5 5.0 5.5	6.0 6.81 TM-ZE296M / ZE		
Rated lifting capacity (kg) 1,880 1,630 1,330	1,030 800 680 580 480 4	430 350 Load radius (m)	1.45 ^{and} 2.0 2.5 3.0	3.5 4.0 4.5 4.97
	0 5.0 6.0 7.0 8.0	8.7 Rated lifting capacity (k		1,230 1,050 900 800
Rated lifting capacity (kg) 980 880 78			2.2 ^{and} 2.5 3.0 3.5 4.0 g) 1,880 1,680 1,430 1,180 1,030	4.5 5.0 5.5 6.0 6.9 0 880 780 680 600 500
TM-ZE295M / ZE295MH		Pated inting capacity (k 9.0-m boom	9, 1,000 1,000 1,430 1,100 1,030	
• 3.13-m/5.07-m boom Load radius (m) 1.4 and 2.0 2.	5 3.0 3.5 4.0 4.5	Load radius (m)	3.0 and 3.5 4.0 5.0	6.0 7.0 8.0 8.8
Load radius (m) 1.4 below 2.0 2. Rated lifting capacity (kg) 3,030 2,130 1,7			g) 980 900 830 680	580 480 380 330
• 7.0-m boom		Load radius (m)		7.0 8.0 9.0 10.0 10.7
Load radius (m) 2.2 and below 2.5 3.0 Rated lifting capacity (kg) 1,730 1,530 1,280		6.0 6.8 380 300 Rated lifting capacity (k		330 280 250 230 210
• 8.9-m boom		● 12.8-m boom Load radius (m)	5.3 ^{and} 6.0 7.0 8.0	9.0 10.0 11.0 12.6
Load radius (m) 3.0 and 3.5 4.0		8.7 Rated lifting capacity (k		180 160 140 120
Rated lifting capacity (kg) 930 830 73 • 10.8-m boom	0 480 380 280 230	200		

RATED LIFT											
Table A rm-ze293M / ze2											
 2.85-m/4.74-m boo 											
_oad radius (m)	1.5 and below	2.0		2.5	3.0		3.5		4.0		4.54
Rated lifting capacity (kg)	3,030	2,280	0 1	1,730	1,23	30	930		730	,	630
• 6.6-m boom											
_oad radius (m)	2.2 and below	2.5	3.0	3.5	4.0	4.5			5.5	6.0	6.4
Rated lifting capacity (kg)	1,880	1,630	1,230	930	730	580	48	0	430	380	350
TM-ZE294M / ZE2											
 3.17-m/5.12-m boo 		2.0	2	5	3.0	3.5	_	4.0		.5	4.92
Load radius (m) Rated lifting capacity (kg)	1.5 and 3,030	2,280			1,180	880		4.0 580		80	530
 7.01-m boom 	0,000	2,200		00	.,	000			-	00	000
Load radius (m)	2.2 and below	2.5	3.0	3.5	4.0	4.5	5.0	D	5.5	6.0	6.81
Rated lifting capacity (kg)	1,880	1,630	1,150	880	680	580	48	о ,	400	350	300
 8.9-m boom 											
_oad radius (m)	3.0 and below	3.5	4.	-	5.0	6.0		7.0	-	3.0	8.7
Rated lifting capacity (kg)	980	830	68	30	450	350		280	2	30	200
Table C											
TM-ZE293M / ZE2	93MH							_			
2.85-m/4.74-m boo	om				2						
_oad radius (m)	1.5 and below	2.0		2.5	3.0		3.5		4.0		4.54
Rated lifting capacity (kg)	3,030	2,280) 1	,830	1,43	0	1,080		830)	730
• 6.6-m boom	lo o and	0.5			1.0	1.45					
Load radius (m)	2.2 and 1 880	2.5	3.0	3.5	4.0	4.5	_	_	5.5	6.0	6.4
Rated lifting capacity (kg)	1,880	1,630	1,330	1,030	830	680) 58	0	530	480	430
TM-ZE294M / ZE2											
 3.17-m/5.12-m boo Load radius (m) 	1.5 ^{and}	2.0	2	5	3.0	3.5		4.0		1.5	4.92
Rated lifting capacity (kg)	3.030	2,280	1,8		1,380	1,03		4.0 830		+.5 680	580
 7.01-m boom 	0,000	2,200	1,0		1,000	1,00		000		000	500
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	1,630	1,330	1,030	800	680) 58	0	480	430	350
 8.9-m boom 											
Load radius (m)	3.0 and below	3.5	4.		5.0	6.0		7.0		3.0	8.7
Rated lifting capacity (kg)	980	880	78	30	550	430		330	2	280	250
TM-ZE295M / ZE2	95MH										
 3.13-m/5.07-m boom 	1			-							
Load radius (m)	1.4 and 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	980		780	0	30	550
 7.0-m boom Load radius (m) 	2.2 and below	2.5	3.0	3.5	4.0	4.5	5 5.	0	5.5	6.0	6.8
Rated lifting capacity (kg)	1,730	1,530	1,280	980	780	630			430	380	300
 8.9-m boom 	,	7									
Load radius (m)	3.0 and below	3.5	4.	0	5.0	6.0		7.0	8	3.0	8.7
Rated lifting capacity (kg)	930	830	73	80	480	380) :	280	2	230	200
 10.8-m boom 											
Load radius (m)	4.0 and below	4.5	5.0	6.		.0	8.0	9.		10.0	10.6
Rated lifting capacity (kg)	480	430	380	30	0 2	60	230	20	00	180	150
TM-ZE296M / ZE2	96MH										
 3.23-m/5.17-m boom 	1								_		
Load radius (m)	1.4 and below	2.0	2.		3.0	3.5		4.0		4.5	4.97
Rated lifting capacity (kg)	3,030	2,130	1,7	30 1	1,430	1,23	υ 1	,030	8	30	680
 7.1-m boom ood radius (m) 	o o and	2.5	3.0	3.5	4.0	4.5	5.		5.5	6.0	6.9
Load radius (m) Rated lifting capacity (kg)	2.2 and 1,730	2.5	1,280	1,080	930	4.5			5.5 580	480	380
	1,730	1,000	1,200	1,060	930	1 / 80	08		500	400	1 380
 9.0-m boom Load radius (m) 	3.0 and below	3.5	4.	0	5.0	6.0		7.0	5	3.0	8.8
Rated lifting capacity (kg)	930	830	73		580	480		380	_	280	230
 10.9-m boom 				-							0
_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)	480	430	380	30		60	230	20	00	180	150
• 10.9 m boom	-										

 • 12.8-m boom

 Load radius (m)
 5.3 and boom
 6.0
 7.0
 8.0
 9.0
 10.0
 11.0
 12.6

 Rated lifting capacity (kg)
 280
 240
 210
 180
 160
 140
 130
 100
 The mass of hook (30 kg), slings and all other liftling devices must be added to the mass of the load.

NOTES FOR TECHNICAL SPECIFICATIONS:

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

TM-ZE260 series



HOOK IN SYSTEM (TM-ZE260MH only)

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

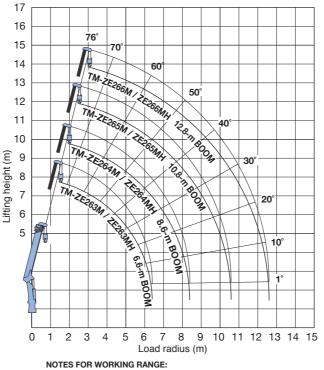
A pull of a lever and the crane hook is stowed automatically.

No more manual fixing.





WORKING RANGE



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



TECHNICAL SPECIFICATIONS

MODEL	TM-ZE263M	TM-ZE263MH*	TM-ZE264M	TM-ZE264MH*	TM-ZE265M	TM-ZE265MH*	TM-ZE266M	TM-ZE266MH
CRANE CAPACITY		at 1.6 m		at 1.6 m		at 1.5 m		at 1.5 m
		s of line)		s of line)		s of line)		s of line)
BOOM	(1 part	,		,		box construct		5 61 1116)
Number of sections		3		4		5		6
Length		- 6.6 m		- 8.6 m	3.13 m ·		3.23 m	- 12.8 m
Extending speed		n / 10 s		1/12 s		/ 15.5 s		n / 17 s
Elevating range/speed				1° to 76	-	,		
Max. lifting height**	Approx	. 7.8 m**	Approx	. 9.7 m**		11.8 m**	Approx	13.8 m**
Max. load radius**		m**	8.4		10.6			3 m**
WINCH					otor driven.			
			Spur gear spe	ed reduction, p	provided with r	nechanical bra	ke.	
Max. single line pull				6.47 kN {6	60 kgf}			
Max. single line speed				68 m/min. (a	t 4th layer)			
Wire rope (Diameter x length)	8 mm	x 45 m	8 mm	x 54 m	8 mm :	x 66 m	8 mm	x 75 m
SLEWING			Hydraulic me	otor driven. Wo	rm gear speed	reduction.		
		Continuous 36	0° full circle s	lewing on ball b	bearing slew ri	ng. Automatic	slewing lock.	
Slewing speed				2.5 min-	¹ {rpm}			
OUTRIGGERS		N	Manually exten	ded sliders and	d hydraulically	extended jacks	S	
				Integral with c				
Extension width			Max. :	3.0 m, Mid. : 2	.4 m, Min. : 1.	72 m		
HYDRAULIC SYSTEM								
Control valves				ontrol valves w				
STANDARD SAFETY DEVICE	•Lo					g limiter •P.T.C	 indicator lar 	np
				atch •Hydraulio		<u> </u>		
SUITABLE TRUCKS				ss vehicle mas				
						ok beneath boom he		
RATED LIFTING CAPAC		omnty chase		ion, and subsequent	radius and boom ang	le change must be a	ccounted for when a	applying load to ho
		empty chast	-					
Table A				able D				
TM-ZE263M / ZE263MH				M-ZE263M / ZE				
● 2.85-m/4.74-m boom Load radius (m) 1.6 ^{and} 1.8 2.0	0 2.5 3.0	3.5 4.0		2.85-m/4.74-m bo bad radius (m)	1.6 ^{and} 1.6 ^{below}	2.0 2.5	3.0 3.5	4.0 4.54
Rated lifting capacity (kg) 2,630 2,230 2,0	30 1,480 1,03	30 780 630) 530 R	ated lifting capacity (kg	g) 2,630 2,230	2,030 1,630	1,330 1,130	980 880
• 6.6-m boom Load radius (m) 2.6 and below 2.8 3.0	3.5 4.0 4.5	5.0 5.5 6		6.6-m boom bad radius (m)	2.8 and 3.0	3.5 4.0	4.5 5.0 5.	5 6.0 6.4
Rated lifting capacity (kg) 1,230 1,130 1,030	780 630 530			ated lifting capacity (kg			300 700 63	
TM-ZE264M / ZE264MH				M-ZE264M / ZE	00 414			
• 2.87-m/4.82-m boom				2.87-m/4.82-m bd				
Load radius (m) 1.6 and 1.8 2.0			4.62 Lo	oad radius (m)	1.6 and 1.8	2.0 2.5	3.0 3.5	4.0 4.62
Rated lifting capacity (kg) 2,630 2,230 2,00	30 1,480 1,03	0 780 630		ated lifting capacity (kg	g) 2,630 2,230	2,030 1,630	1,330 1,130	980 830
• 6.71-m boom Load radius (m) 2.6 and 2.8 3.0	3.5 4.0 4.5	5.0 5.5 6		6.71-m boom bad radius (m)	2.8 and 3.0	3.5 4.0 4	4.5 5.0 5.4	5 6.0 6.51
Rated lifting capacity (kg) 1,230 1,130 1,030	780 630 530	430 380 3		ated lifting capacity (kg		1,080 930 7	780 700 63	0 580 530
• 8.6-m boom Load radius (m) 3.8 and 4.0 4.5	5 5.0 6.0	7.0 8.0		8.6-m boom ad radius (m)	4.0 and 4.5	5.0 6.	.0 7.0	8.0 8.4
Rated lifting capacity (kg) 680 630 53				ated lifting capacity (kg			50 380	330 310
	· ·							
				M-ZE265M / ZE 3.13-m/5.07-m bo				
Table C			Lo	ad radius (m)	1.5 and 1.8	2.0 2.5	3.0 3.5	4.0 4.87
TM-ZE263M / ZE263MH • 2.85-m/4.74-m boom				ated lifting capacity (kg) 2,630 2,180	1,980 1,580	1,330 1,130	980 830
Load radius (m) 1.6 and below 1.8 2.0			4.54 Lo	7.0-m boom ad radius (m)	2.8 and 3.0	3.5 4.0 4	1.5 5.0 5.5	6.0 6.8
Rated lifting capacity (kg) 2,630 2,230 2,03	0 1,530 1,180	0 880 730	590 -	ated lifting capacity (kg			300 700 63	
● 6.6-m boom Load radius (m) 2.8 and 3.0 3.5	4.0 4.5	5.0 5.5 6.		8.9-m boom	lo zand 4.0	50 0	0 70	0.0 0.7
Rated lifting capacity (kg) 1,230 1,130 880		480 430 38		ad radius (m) ated lifting capacity (kg	3.7 ^{and} 4.0) 700 700	5.0 6. 550 45		8.0 8.7 350 330
				10.8-m boom	<i>"</i>		I	
TM-ZE264M / ZE264MH • 2.87-m/4.82-m boom				ad radius (m) ated lifting capacity (kg	4.5 ^{and} 5.0) 480 430	6.0 7.0 330 280	8.0 9.0 230 200	10.0 10.6 180 160
Load radius (m) 1.6 ^{and} _{below} 1.8 2.0			4.62	асса штану сараску (Кр	1 400 400	330 200	200 200	100 100
Rated lifting capacity (kg) 2,630 2,230 2,03	30 1,530 1,130	0 880 680		M-ZE266M / ZE				
• 6.71-m boom Load radius (m) 2.8 ^{and} below 3.0 3.5	4.0 4.5	5.0 5.5 6.		3.23-m/5.17-m bo ad radius (m)	om 1.5 ^{and} 1.8	2.0 2.5	3.0 3.5	4.0 4.97
Rated lifting capacity (kg) 1,230 1,130 880	680 580	480 400 38		ated lifting capacity (kg		1,980 1,580	1,330 1,130	980 780
8.6-m boom Load radius (m) 4.0 and 4.5	5.0 6.0	7.0 8.0		7.1-m boom				
	480 380	280 230		ad radius (m) ated lifting capacity (kg	3.0 _{below} 3.5) 1,230 1,080	4.0 4.5 930 800	5.0 5.5 700 630	6.0 6.9 580 500
				9.0-m boom	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
TM-ZE265M / ZE265MH			Lo	ad radius (m)	4.0 and 4.5	5.0 6.		8.0 8.8
● <u>3.13-m/5.07-m boom</u> Load radius (m) 1.5 ^{and} 1.8 2.0	2.5 3.0	3.5 4.0	197 -	ated lifting capacity (kg) 700 630	550 45	i0 380	330 300
Rated lifting capacity (kg) 2,630 2,130 1,93			400	10.9-m boom ad radius (m)	4.5 and 5.0	6.0 7.0	8.0 9.0	10.0 10.7
7.0-m boom A gand and a gand gand	40 45	50 55 0	Ra	ated lifting capacity (kg		330 280	230 200	180 160
Load radius (m) 2.8 and below 3.0 3.5 Rated lifting capacity (kg) 1,230 1,030 730	4.0 4.5 580 480	5.0 5.5 6. 400 330 28		12.8-m boom ad radius (m)	6.0 and 7.0	8.0 9.	0 10.0	11.0 12.6
• 8.9-m boom			Ra	ated lifting capacity (kg		170 15		120 100
	5.0 6.0	7.0 8.0	8.7				I	

Table A									
TM-ZE263M / ZE2	63MH								
 2.85-m/4.74-m boo 	m								
Load radius (m)	1.6 ^{and} below	1.8	2.0	2.5	3.0	3.	5	4.0	4.54
Rated lifting capacity (kg)	2,630	2,230	2,030	1,480	1,03	0 78	0	630	530
 6.6-m boom 									
Load radius (m)	2.6 and below	2.8	3.0 3	.5 4.0	4.5	5.0	5.5	6.0	6.4
Rated lifting capacity (kg)	1,230	1,130	1,030 7	80 630	530	430	38	0 350	330
0 1 7 1 0							-		
TM-ZE264M / ZE2	64MH								
2.87-m/4.82-m boo	om								
Load radius (m)	1.6 and	1.8	2.0	2.5	3.0	3.	5	4.0	4.62
Rated lifting capacity (kg)	2,630	2,230	2,030	1,480	1,030	78	0	630	480
 6.71-m boom 	/	,	/	,	,				
Load radius (m)	2.6 and below	2.8	3.0 3	.5 4.0	4.5	5.0	5.5	5 6.0	6.5
Rated lifting capacity (kg)	1,230	1,130 1	1,030 7	80 630	530	430	38	0 350	300
 8.6-m boom 	,	,	,						
Load radius (m)	3.8 and	4.0	4.5	5.0	6.0	7.	0	8.0	8.4
Rated lifting capacity (kg)	680	630	530	430	330	25		200	180
nated mang eapaony (ng)		000	000	.00	000			200	
Table C									
TM-ZE263M / ZE2	63MH								
2.85-m/4.74-m boo									
Load radius (m)	1.6 and below	1.8	2.0	2.5	3.0	3.	5	4.0	4.54
Rated lifting capacity (kg)	2,630	2,230	2,030	1,530	1,180	88	0	730	580
 6.6-m boom 	7	1	7	7	,				
Load radius (m)	2.8 and	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			480	430	380	350
actor mang capatony (ng)	1,200	1,100	000			100	100	000	000
TM-ZE264M / ZE2	64MH								
 2.87-m/4.82-m boo Load radius (m) 	1.6 ^{and}	1.8	2.0	2.5	3.0	3.	=	4.0	4.62
Rated lifting capacity (kg)	2,630	2,230	2,030	1,530	1,130		-	680	530
	2,030	2,230	2,030	1,550	1,130	00		000	530
6.71-m boom	o o and	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.51
Load radius (m)	2.8 and below				4.5	480	5.5 400	380	330
Rated lifting capacity (kg)	1,230	1,130	880	680 3	080	480	400	380	330
 8.6-m boom 									
Load radius (m)	4.0 and below	4.5	5.0	6	-	7.0		3.0	8.4
Rated lifting capacity (kg)	680	580	480	38	30	280	2	30	200
TM-ZE265M / ZE2									
 3.13-m/5.07-m boom 									
Load radius (m)	1.5 and below	1.8	2.0	2.5	3.0	3.	-	4.0	4.87
Rated lifting capacity (kg)	2,630	2,130	1,930	1,530	1,030) 73	0	580	430
 7.0-m boom 									
		3.0	3.5	4.0 4	1.5	5.0	5.5	6.0	6.8
Load radius (m)	2.8 and below	0.0	0.0	4.0 4	1.0			0.0	0.8
Load radius (m) Rated lifting capacity (kg)	2.8 and 1,230	1,030	730			400	330	280	230
_oad radius (m) Rated lifting capacity (kg)	2.8 below 1,230						330		
Load radius (m) Rated lifting capacity (kg) 8.9-m boom	1,230			580 4					
Load radius (m) Rated lifting capacity (kg) • 8.9-m boom Load radius (m)	2.8 and below 1,230 3.7 and below 680	1,030	730	580 4	180	400		280	230
Load radius (m) Rated lifting capacity (kg) • 8.9-m boom Load radius (m) Rated lifting capacity (kg)	1,230 3.7 and below	1,030	730	580 4	.0	7.0		280 8.0	8.7
Load radius (m) Rated lifting capacity (kg) 8.9-m boom Load radius (m) Rated lifting capacity (kg) 10.8-m boom	1,230 3.7 and below 680	1,030	730	580 4	.0	7.0		280 8.0	8.7
Load radius (m) Rated lifting capacity (kg) 8.8.9-m boom Load radius (m) Rated lifting capacity (kg) 10.8-m boom Load radius (m)	1,230 3.7 and below	1,030 4.0 580 5.0	730 5.0 380 6.0	580 4 6 2 7.0	.0 80 8.0	400 7.0 230 9.0		280 8.0 180 10.0	8.7 150
Load radius (m) Rated lifting capacity (kg) • 8.9-m boom Load radius (m)	1,230 3.7 and 680 4.5 and below	1,030 4.0 580	730 5.0 380	580 4 6 2	.0 80	400 7.0 230		280 8.0 180	230 8.7 150
oad radius (m) Pated lifting capacity (kg) 8.9-m boom oad radius (m) Pated lifting capacity (kg) 10.8-m boom oad radius (m) Pated lifting capacity (kg)	1,230 3.7 and below 680 4.5 and below 380	1,030 4.0 580 5.0	730 5.0 380 6.0	580 4 6 2 7.0	.0 80 8.0	400 7.0 230 9.0		280 8.0 180 10.0	8.7 150
Load radius (m) Pated lifting capacity (kg) 8.9-m boom Load radius (m) Pated lifting capacity (kg) 10.8-m boom Load radius (m) Pated lifting capacity (kg) TM-ZE266M / ZE2	1,230 3.7 and below 680 4.5 and below 380 66MH	1,030 4.0 580 5.0	730 5.0 380 6.0	580 4 6 2 7.0	.0 80 8.0	400 7.0 230 9.0		280 8.0 180 10.0	8.7 150
Load radius (m) Pated lifting capacity (kg) 8.9-m boom Load radius (m) 10.8-m boom Load radius (m) Pated lifting capacity (kg) TM-ZE2666M / ZE2 3.23-m/5.17-m boom	1,230 3.7 and 680 4.5 and 380 66MH	1,030 4.0 580 5.0 330	730 5.0 380 6.0 250	580 6 2 7.0 210	180 .0 80 8.0 180	400 7.0 230 9.0 15		280 8.0 180 10.0 130	230 8.7 150 10.6 100
Load radius (m) Pated lifting capacity (kg) 8.9-m boom Load radius (m) Pated lifting capacity (kg) 10.8-m boom Load radius (m) Pated lifting capacity (kg) TM-ZE266M / ZE2 3.23-m/5.17-m boom Load radius (m)	1,230 3.7 and 680 4.5 and 4.5 below 380 66MH 1.5 and 1.5 and	1,030 4.0 580 5.0 330 1.8	730 5.0 380 6.0 250 2.0	580 4 6 2 7.0 210 2.5	180 .0 80 80 180 3.0	400 7.0 230 9.0 15 3.1		280 8.0 180 10.0 130 4.0	230 8.7 150 10.6 100 4.97
.oad radius (m) Pated lifting capacity (kg) 8.9-m boom .oad radius (m) Pated lifting capacity (kg) 10.8-m boom .oad radius (m) PATED lifting capacity (kg) TM-ZE266M / ZE2 3.2.3-m/5.17-m boom .oad radius (m) Pated lifting capacity (kg)	1,230 3.7 and 680 4.5 and 380 66MH	1,030 4.0 580 5.0 330	730 5.0 380 6.0 250	580 6 2 7.0 210	180 .0 80 8.0 180	400 7.0 230 9.0 15 3.1		280 8.0 180 10.0 130	230 8.7 150 10.6 100
.oad radius (m) Pated lifting capacity (kg) 8.9-m boom .oad radius (m) Pated lifting capacity (kg) 10.8-m boom .oad radius (m) Pated lifting capacity (kg) FM-ZE266M / ZE2 3.23-m/5.17-m boom .oad radius (m) Rated lifting capacity (kg) 7.1-m boom	1,230 3.7 and below 680 4.5 and below 380 66MH 1.5 and 2,630	1,030 4.0 580 5.0 330 1.8 2,130	730 5.0 380 6.0 250 2.0 1,930	580 4 6 2 7.0 210 2.5 1,530	80 .0 80 80 180 3.0 1,230	400 7.0 230 9.0 15 3.3 0 1,0	0 0 5 30	280 8.0 180 10.0 130 4.0 880	230 8.7 150 10.6 100 4.97 630
oad radius (m) Pated lifting capacity (kg) 8.9-m boom oad radius (m) Pated lifting capacity (kg) 10.8-m boom oad radius (m) Pated lifting capacity (kg) IM-ZE266M / ZE2 3.23-m/5.17-m boom oad radius (m) 7.1-m boom o.ad radius (m)	1,230 3.7 and below 680 4.5 below 380 666MH 1.5 and 1.5 and 2,630 3.0 below	1,030 4.0 580 5.0 330 1.8 2,130 3.5	730 5.0 380 6.0 250 2.0 1,930 4.0	580 6 7.0 210 2.5 1,530 4.5 1.5	80 .0 80 80 180 3.0 1,230 5.0	400 7.0 230 9.0 15 3.3 0 1,00 5.5		280 8.0 180 10.0 130 4.0 880 6.0	230 8.7 150 10.6 100 4.97 630 6.9
.oad radius (m) Pated lifting capacity (kg) 8.9-m boom .oad radius (m) Pated lifting capacity (kg) 10.8-m boom .oad radius (m) Pated lifting capacity (kg) TM-ZE266M / ZE2 3 .23-m/5.17-m boom .oad radius (m) Pated lifting capacity (kg) .o.1-m boom .oad radius (m) Pated lifting capacity (kg)	1,230 3.7 and below 680 4.5 and below 380 66MH 1.5 and 2,630	1,030 4.0 580 5.0 330 1.8 2,130	730 5.0 380 6.0 250 2.0 1,930	580 4 6 2 7.0 210 2.5 1,530	80 .0 80 80 180 3.0 1,230	400 7.0 230 9.0 15 3.3 0 1,0		280 8.0 180 10.0 130 4.0 880	230 8.7 150 10.6 100 4.97 630
.oad radius (m) Pated lifting capacity (kg) 8.9-m boom .oad radius (m) Pated lifting capacity (kg) 10.8-m boom .oad radius (m) Pated lifting capacity (kg) FM-ZE266M / ZE2 9.323-m/5.17-m boom .oad radius (m) Pated lifting capacity (kg) .7.1-m boom .oad radius (m) Pated lifting capacity (kg) 9.0-m boom	1,230 3.7 and below 680 4.5 and 380 66MH 1.5 below 2,630 3.0 and 1,230	1,030 4.0 580 5.0 330 1.8 2,130 3.5 1,030	730 5.0 5.0 380 6.0 250 2.0 1,930 4.0 880	580 4 6 7.0 210 2.5 1,530 4.5 730	180 .0 80 80 180 3.0 1,230 5.0 580	400 7.0 230 9.0 15 3.3 0 1,00 5.5 53		280 8.0 180 10.0 130 4.0 880 6.0 480	230 8.7 150 10.6 100 4.97 630 6.9 380
.oad radius (m) Pated lifting capacity (kg) 8.9-m boom .oad radius (m) Pated lifting capacity (kg) 10.8-m boom .oad radius (m) PATED (kg) S.23-m/5.17-m boom .oad radius (m) P.1-m boom .oad radius (m) P.1-m boom .oad radius (m) P.1-m boom .oad radius (m) P.1-m boom .oad radius (m) P.0-m boom .oad radius (m)	1,230 3.7 and Below 680 4.5 and 380 660HH 1.5 and 2,630 3.0 and 1,230 4.0 and 4.0 and 4.0 and 4.0 and	1,030 4.0 580 5.0 330 1.8 2,130 3.5 1,030 4.5	730 5.0 380 6.0 250 2.0 1,930 4.0 880 5.0	580 4 6 2 7.0 210 2.5 1,530 4.5 730 6 6	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0	400 7.0 230 9.0 15 3.3 0 1,0 5.0 53 7.0		280 8.0 180 10.0 130 4.0 880 6.0 480 8.0	230 8.7 150 10.6 100 4.97 630 6.9 380 8.8
oad radius (m) Pated lifting capacity (kg) 8.9-m boom oad radius (m) Pated lifting capacity (kg) 10.8-m boom oad radius (m) Pated lifting capacity (kg) S.23-m/5.17-m boom oad radius (m) P.1-m boom oad radius (m) P.1-m boom oad radius (m) P.1-m boom oad radius (m) P.1-m boom oad radius (m)	1,230 3.7 and below 680 4.5 and 380 66MH 1.5 below 2,630 3.0 and 1,230	1,030 4.0 580 5.0 330 1.8 2,130 3.5 1,030	730 5.0 5.0 380 6.0 250 2.0 1,930 4.0 880	580 4 6 2 7.0 210 2.5 1,530 4.5 730 6 6	180 .0 80 80 180 3.0 1,230 5.0 580	400 7.0 230 9.0 15 3.3 0 1,00 5.5 53		280 8.0 180 10.0 130 4.0 880 6.0 480	230 8.7 150 10.6 100 4.97 630 6.9 380
.oad radius (m) Pated lifting capacity (kg) 8.9-m boom .oad radius (m) Pated lifting capacity (kg) 10.8-m boom .oad radius (m) Pated lifting capacity (kg) IN-ZE266M / ZE2 IN-ZE266M / ZE26 IN-ZE266M / ZE26 IN-	1,230 3.7 and Below 680 4.5 and 380 660HH 1.5 and 2,630 3.0 and 1,230 4.0 and 4.0 and 4.0 and 4.0 and	1,030 4.0 580 5.0 330 1.8 2,130 3.5 1,030 4.5	730 5.0 380 6.0 250 2.0 1,930 4.0 880 5.0	580 4 6 2 7.0 210 2.5 1,530 4.5 730 6 6	180 .0 80 80 8.0 180 3.0 1,230 5.0 580 .0	400 7.0 230 9.0 15 3.3 0 1,0 5.0 53 7.0		280 8.0 180 10.0 130 4.0 880 6.0 480 8.0	230 8.7 150 10.6 100 4.97 630 6.9 380 8.8
oad radius (m) Bated lifting capacity (kg) 8.9-m boom .oad radius (m) Bated lifting capacity (kg) 10.8-m boom .oad radius (m) Bated lifting capacity (kg) FM-ZE266M / ZE2 9.323-m/5.17-m boom .oad radius (m) Bated lifting capacity (kg) 9.0-m boom .oad radius (m) Bated lifting capacity (kg) 9.0-m boom .oad radius (m) Bated lifting capacity (kg) 10.9-m boom	1,230 3.7 and Below 680 4.5 and 380 660HH 1.5 and 2,630 3.0 and 1,230 4.0 and 4.0 and 4.0 and 4.0 and	1,030 4.0 580 5.0 330 1.8 2,130 3.5 1,030 4.5	730 5.0 380 6.0 250 2.0 1,930 4.0 880 5.0	580 4 6 2 7.0 210 2.5 1,530 4.5 730 6 6	180 .0 80 80 8.0 180 3.0 1,230 5.0 580 .0	400 7.0 230 9.0 15 3.3 0 1,0 5.0 53 7.0		280 8.0 180 10.0 130 4.0 880 6.0 480 8.0	230 8.7 150 10.6 100 4.97 630 6.9 380 8.8
.oad radius (m) Pated lifting capacity (kg) 8.9-m boom .oad radius (m) Pated lifting capacity (kg) 10.8-m boom .oad radius (m) Pated lifting capacity (kg) IM-ZE266M / ZE2 IM-ZE266M / ZE2 IM-ZE266M / ZE2 IM-ZE266M / ZE2 .oad radius (m) Pated lifting capacity (kg) 9.0-m boom .oad radius (m) Pated lifting capacity (kg) 9.0-m boom .oad radius (m) Pated lifting capacity (kg) .oad radius (m) Pated lifting capacity (kg) .oad radius (m)	1,230 3.7 and 680 4.5 and 380 660MH 1.5 and 2,630 3.0 and 1,230 4.0 and 680	1,030 4.0 580 5.0 330 1.8 2,130 3.5 1,030 4.5 580	730 5.0 380 3.80 250 2.0 1,930 4.0 880 5.0 5.0 530	580 4 6 7.0 210 2.5 1,530 4.5 730 6 4.5	180 .0 80 8.0 180 3.0 1,230 5.0 580 .0 .0	400 7.0 230 9.0 15 3.3 0 1,0 5.3 53 7.0 350		280 8.0 180 10.0 130 4.0 880 6.0 480 3.0	230 8.7 150 10.6 100 4.97 630 6.9 380 8.8 230
.oad radius (m) Pated lifting capacity (kg) 8.9-m boom .oad radius (m) Pated lifting capacity (kg) 10.8-m boom .oad radius (m) Pated lifting capacity (kg) IM-ZE266M / ZE2 IM-ZE266M / ZE26 IM-ZE266M / ZE26 IM-ZE26M / ZE26M / ZE	1,230 3.7 and 680 4.5 and 580 660HH 1.5 and 1.5 and 1.5 and 1.5 and 1.2 and 4.0 and 680 4.0 and 680 4.5 and 4.5 a	1,030 4.0 580 5.0 330 1.8 2,130 3.5 1,030 4.5 580 5.0	730 5.0 380 3.80 250 2.0 1,930 4.0 880 5.0 5.0 530 6.0 6.0	580 4 6 2 7.0 210 2.5 1,530 4.5 730 6 4:5 7.0 4.5 7.0 7.0	180 .0 .0 8.0 80 180 3.0 1,230 5.0 580 .0 300 80 8.0	400 7.0 230 9.1 15 3.1 0 1,0 5.5 53 7.0 350 9.1		280 8.0 180 10.0 130 4.0 880 6.0 480 3.0 10.0	230 8.7 150 10.6 100 4.97 630 6.9 380 8.8 230 10.7
.oad radius (m) Pated lifting capacity (kg) 8.9-m boom .oad radius (m) Pated lifting capacity (kg) 10.8-m boom .oad radius (m) Pated lifting capacity (kg) IM-ZE266M / ZE2 IM-ZE266M / ZE26 IM-ZE266M / ZE26 IM-ZE26M / ZE26M / ZE	1,230 3.7 and 680 4.5 and 580 660HH 1.5 and 1.5 and 1.5 and 1.5 and 1.2 and 4.0 and 680 4.0 and 680 4.5 and 4.5 a	1,030 4.0 580 5.0 330 1.8 2,130 3.5 1,030 4.5 580 5.0	730 5.0 380 3.80 250 2.0 1,930 4.0 880 5.0 5.0 530 6.0 6.0	580 4 6 2 7.0 210 2.5 1,530 4.5 730 6 4:5 7.0 4.5 7.0 7.0	180 .0 80 8.0 180 3.0 1,230 5.0 580 .0 80 1,230 5.0 5.0 5.0 5.0 1,230 5.0 5.0 5.0 1,230 1,230 1,230	400 7.0 230 9.1 15 3.1 0 1,0 5.5 53 7.0 350 9.1		280 8.0 180 10.0 130 4.0 880 6.0 480 3.0 10.0	230 8.7 150 10.6 100 4.97 630 6.9 380 8.8 230 10.7

NOTES FOR TECHNICAL SPECIFICATIONS:

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

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