

TADANO

HYDRAULIC TRUCK LOADER CRANES

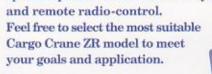


ZR290 series

ZR296/295/294/293

The new Cargo Crane ZR from Tadano with a response like an extension of the operator's thoughts

We proudly announce the addition of the Cargo Crane ZR series to the current ZF series – cranes that are safer and easier to use, yet strong, sensitive and flexible. In addition to the standard specifications, the ZR290 series offer special options such as "Hook In" system



Smooth boom

CARGO CRANE

Special valves absorb shocks during boom extension and retraction - for smoother operation.

extension and retraction

Neat, streamlined boom ends

The cables and sheaves of the 3 to 5-section booms are all internalfor a clean, clutter-free appearance.

Automatic swing lock -Locks the boom in place

when the truck is being driven for greater safety.



photo: "Hook In" system type

Outriggers for absolute stability and safety

Handling so easy that the extension and retraction can be performed with one hand! Its unique double safety measures provide protection against accidental extension of the outrigger beam during travel and retraction during loading.

3.4m

Centralized control panels

All the important function switches and rated lifting capacity chart are grouped together in panels - one on each side of the crane.



OPTIONAL EQUIPMENT



Tadano One-touch "Hook-in" Further Eases Operation.

Sure proof of Tadano's leading position in the cargo handling industry can be seen in the development of its innovative "Hook-In" system. A push of a button and the crane hook is stowed automatically. No more manual belaying.

Advanced, High-Efficiency Remote Operation at the Touch of a Button

Tadano cranes all offer the push-button operating ease of hand-held remote control. A two-channel remote controller permits simultaneous operation of several cranes in close proximity without worries about crosstalk interference, and the system's cab-top "Diversity" antenna rejects other radio interference for clear, trouble-free operation. Advanced computerized self-diagnostics also ensure long-term reliability.

ZR290 series

RATED LIFTING CAPACITIES

TM-ZR293										
2.85m / 4.72m boom							Water Street		WOOLAND	OWNER
Load Radius (m)	1.5億	-	2.0	2.5	3	0	3.5	4.6	0	4.52
Rated Lifting Capacity (kg)	3,030) 2	280	1,830	1,4	180	1,250	1.08	80	980
6.6mboom	NUMBER OF STREET	OUNDAME.	DUMBER OF THE PARTY OF	Olomony	OU COUNTY		BANK CANA	ON COMMON	OMOND.	000000
Load Radius (m)	2250	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.4
Rated Lifting Capacity (kg)	1.880	1.630	1.330	1,130	980	880	780	700	630	580

TM-ZR294										
3.17m / 5.12m boom		Williams		and the same		ENGLISHED AND		SOMOWS		
Load Radius (m)	1.500	21	0	2.5	3.0	3.5	4.0)	4.5	4.92
Rated Litting Capacity (kg)	3,030	2.28	80	1,830	1,480	1,250	1,08	30	930	830
7.01m boom		NO MARCINA	MOVEN		THE REAL PROPERTY.	WARRAN OF	U MARKA	NUMBER	THE REAL PROPERTY.	NO DESCRIPTION
Load Radius (m)	2255	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.81
Rated Lifting Capacity (kg)	1,880	1,630	1,33	0 1,13	0 980	880	780	700	630	530
8.9m boom	0010110000	100000	MOMON	United	delication to	and the same	OR SOLITONS	(100)	Week Colors	
Load Radius (m)	3.0	3.	5	4.0	5.0	6.0	7.0		8.0	8.7
Rated Lifting Capacity (kg)	980	88	0	780	630	530	430		380	330

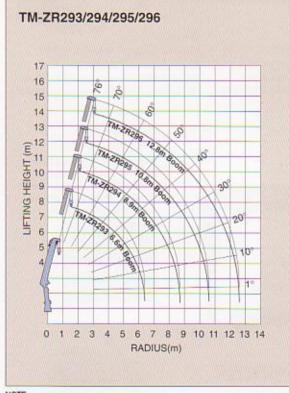
readed biang Celebrary (kg)	300	DOU	700	030	i DC	A.J	430	300	330
TM-ZR295					W 100				
3.13m / 5.07m boom	No.					No.	Marine Marine	- 10 m	MANAGE OF THE PARTY OF THE PART
Load Radius (m)	1.45 BE.	2.0	2.5	3.0	3	5	4.0	4.5	4.87
Rated Lifting Capacity (kg)	3,030	2,130	1.730	1,43	0 12	30 1	.030	900	830
7.0mboom	Wall Colored	Maria Maria		W. W. W. W. W.	Carlotte State	William Co.			WWW.
Load Radius (m)	2250	25	3.0 3	5 4.0	0 45	5 5.0	5.5	6.0	6.8
Rated Litting Capacity (kg)	1.730	1.530 1	280 1.0	080 93	0 830	73	0 68	0 630	530
8.9mboom	AND DESCRIPTION	DESCRIPTION OF THE PARTY OF THE	United the same	WOLKS WOLK	William William			NO WOOD OF	
Load Radius (m)	3.05	3.5	4.0	5.0	6	0	7.0	8.0	8.7
Rated Lifting Capacity (kg)	930	830	730	580		00	410	360	330
10.8m boom	DATE OF THE PARTY	A CONTRACTOR OF THE PARTY OF TH	ULIVER VIOLE	101000000	Onwise.	0000000	and military	10000000	MIN N
Load Radius (m)	4.0%	4.5	5.0	6.0	7.0	8.0	9.0	10.0	10.6
Rated Lifting Capacity (kg)		430	380	300	260	230	200	180	180

TM-ZR296											
3.23m/5.17mboom				000000	MAN	MANAGE	WORK	WO.		W. Chang	
Load Radius (m)	1.45	2.0	2.5	3	.0	3.	5	4.0)	4.5	4.97
Rated Lifting Capacity (kg)	3.030	2,130	1,730	1,4	30	1,2	30	1,00	30	880	750
7.1mboom	OLOGICA TILATO	MILLIONICA	10/10/10/10/10	MODION	OMOL	033000	WINDO	100001	Wayo	DESCRIPTION OF THE PARTY OF THE	MONON
Load Radius (m)	2200	25	3.0 3	5	4.0	4.5	5	0.	5.5	6.0	6.9
Rated Lifting Capacity (kg)	1,730	1,530	1,280 1.0	80 9	30	830	7	30	680	600	480
9.0m boom		NAME OF THE PARTY				O THE	THE REAL PROPERTY.	WIN	MOVE	WANTED BY	00000000
Load Radius (m)	3.055	3.5	4.0	5	0	6.	0	7.0)	8.0	8.8
Rated Lifting Capacity (kg)	930	830	730	5	90	48	0	410	0	360	330
10.9m boom		A STATE OF		- Committee	Shirth)	More		Miles.	laktion)	William I	0.00000
Load Radius (m)	4.05%	4.5	5.0	6.0	7	.0	8.0	100	9.0	10.0	10.7
Rated Lifting Capacity (kg)	480	430	380	300	2	60	230	123	200	180	180
12.8mboom		ANIANAN.		HILLIAN I	Ulill	Military)	(LINK)	40000	10000	0.300.000.00	
Load Radius (m)	53	6.0	7.0	8	0	9.	0	10.	0	11.0	12.6
Rated Lifting Capacity (kg)	280	240	210	18	80	16	0	14	0	130	100

NOTE

- The mass of hook (30kg), slings and all similarly used load handling devices must be added to the mass of the load.
- Numerical values of rated lifting capacities are based on crane strength only. The rated lifting capacities based on stability may lower than those in the above table depending on the loading conditions and the types of the chassis.

WORKING RANGE



NOTE:

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

TECHNICAL SPECIFICATIONS

MODEL	TM-ZR293	TM-ZR294	TM-ZR295	TM-ZR296				
CRANE CAPACITY		at 1.5m rt lines)	3,030kg (4 - pa	at 1.45m rt lines)				
BOOM Type	Fully powered synchronized telescoping boom of pentagonal box construction	Fully powered pa of per	utly synchronized telescoping bool tagonal box construction					
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 / 10sec	5.73m / 13sec	7.67m / 15.5sec	9.57m / 17sec				
Elevation Range/Speed		1° to 76°	/ 6.0 sec	Maria de la constante de la co				
Max. Hook Height*	Aprox. 7.8m*	Aprox. 10m*	Aprox. 11.8m*	Aprox. 13.8m*				
Max. Load Radius*	6.4m*	8.7m*	10.6m*	12.6m*				
WINCH		notor driven sed reduction, sechanical brake	Hydraulic motor driven Spur gear speed reduction, provided with mechanical brake and cable follower					
Max. Single Line Pull		7.45 kN	(760 kgf)					
Max. Single Line Speed		66m / min.	(at 4th layer)					
Wire rope (Diameter x length)	8mm x 45m	8mm x 56m	8mm x 66m	8mm x 75m				
SWING			orm gear speed rec bearing slew ring A					
Speed		2.5 mir	1-1 (rpm)-					
OUTRIGGERS	Manually extended sliders and hydraulically extended jacks Integral with crane frame. Power up and down							
Extended Width	Max	c.: 3.4m Mid.: 2.9	m/2.4m Min.:1,	72m				
HYDRAULIC SYSTEM Pump	Single gear pump							
Control Valves	Multip	ole control valves	with integral safety	valve				
STANDARD SAFETY EQUIPMENT	● Load meter ● Load indicator ● Over-winding alarm ● P.T.O. indicator lamp ● Hook safety latch ● Level gauge ● Hydraulic safety valves, check valves and holding valves							
SUITABLE TRUCKS	0	iross vehicle mas	4,000 to 8,000k	g				
NOTE:								

NOTE

- 1. Operating speeds of the crane are guaranteed under the condition that the pump delivery is 53.1/ min.
- 2. "No allowance made for boom deflection under laden conditions.

Some specifications are subject to change.





TADANO

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