



Lifting your dreams

LOADER CRANE

TM-ZE360

For Medium Size Vehicles



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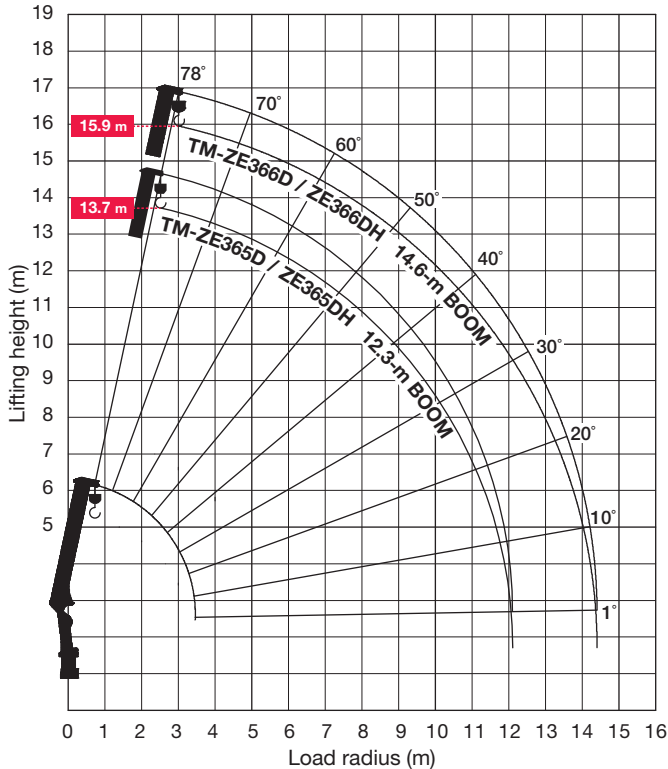
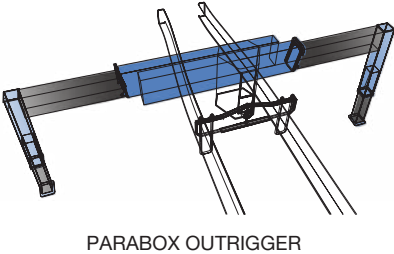
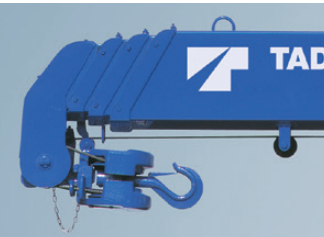
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TM-ZE360 series

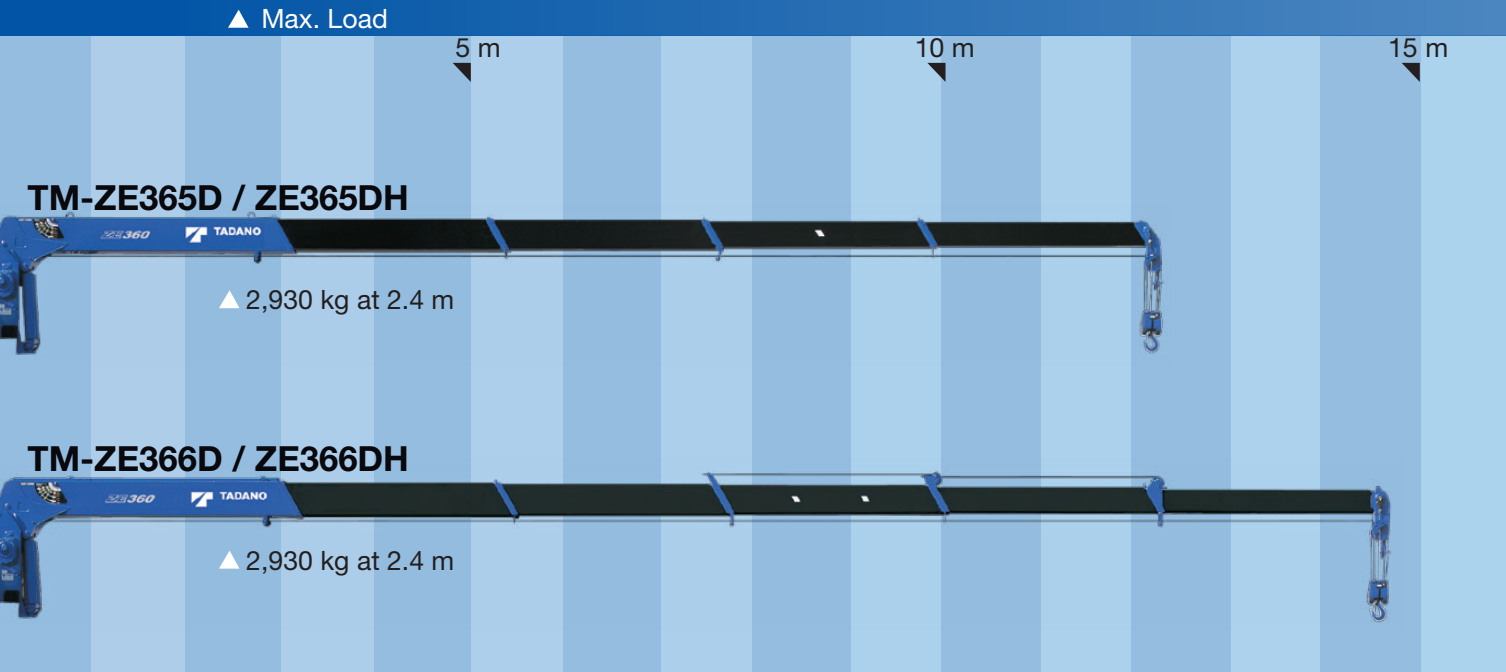


HOOK IN SYSTEM (TM-ZE360DH only)

The TM-ZE360DH 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.



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



The cables and sheaves are all internal - for a clean, clutter - free appearance. Except 6 section boom

TECHNICAL SPECIFICATIONS

MODEL	TM-ZE365D	TM-ZE365DH*	TM-ZE366D	TM-ZE366DH*
CRANE CAPACITY	2,930 kg at 2.4 m (4-parts of line)		2,930 kg at 2.4 m (4-parts of line)	
BOOM	Fully powered partly synchronized telescoping boom of pentagonal box construction.			
Number of sections	5		6	
Length	3.52 m~12.3 m		3.65 m~14.6 m	
Extending speed	8.78 m / 18 s		10.95 m / 19 s	
Elevating range/speed	1° to 78° / 7.5 s			
Max. lifting height**	Approx. 13.7 m**		Approx. 15.9 m**	
Max. load radius**	12.1 m**		14.4 m**	
WINCH	Hydraulic motor driven. Spur gear speed reduction, provided with mechanical brake and cable follower.			
Max. single line pull	7.20 kN {735 kgf}			
Max. single line speed	76 m/min. (at 4th layer)			
Wire rope (Diameter x length)	8 mm x 74 m		8 mm x 85 m	
SLEWING	Hydraulic motor driven. Worm gear speed reduction. Continuous 360° full circle slewing on ball bearing slew ring. Automatic slewing lock.			
Slewing speed	2.5 min ⁻¹ {rpm}			
OUTRIGGERS	Manually extended sliders and hydraulically extended jacks. Integral with crane frame. Power up and down.			
Extension width	Max. : 4.2 m, Mid. : 3.4 m / 2.7 m, Min. : 2.0 m			
HYDRAULIC SYSTEM	Multiple control valves with integral safety valves			
Control valves	•Load meter •Load indicator •Over-winding alarm •Hoisting limiter •P.T.O. indicator lamp			
STANDARD SAFETY DEVICES	•Hook safety latch •Hydraulic safety valves, check valves and holding valves •Level gauge			
SUITABLE TRUCKS	Gross vehicle mass (including crane mass) 8,000 to 15,000 kg			

* WITH HOOK STOWING DEVICE. Mechanically stows hook beneath boom head.
** Boom deflection, and subsequent radius and boom angle change must be accounted for when applying load to hook.

RATED LIFTING CAPACITIES (With empty chassis)

Table A											
TM-ZE365D / ZE365DH											
● 3.52-m/5.75-m boom											
Load radius (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.55			
Rated lifting capacity (kg)	2,930	2,780	2,280	1,880	1,430	1,180	980	850			
● 7.95-m boom											
Load radius (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.75
Rated lifting capacity (kg)	2,230	2,030	1,680	1,380	1,180	980	830	730	630	550	480
● 10.1-m boom											
Load radius (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.92				
Rated lifting capacity (kg)	1,030	830	730	550	450	380	330				
● 12.3-m boom											
Load radius (m)	4.5 and below	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.1		
Rated lifting capacity (kg)	760	630	480	400	350	310	280	250	230		
TM-ZE366D / ZE366DH											
● 3.65-m/5.87-m boom											
Load radius (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.67			
Rated lifting capacity (kg)	2,930	2,780	2,280	1,880	1,430	1,180	980	820			
● 8.07-m boom											
Load radius (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.87
Rated lifting capacity (kg)	2,230	2,030	1,680	1,380	1,180	980	830	700	600	530	450
● 10.2-m boom											
Load radius (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	10.05				
Rated lifting capacity (kg)	1,030	830	700	530	430	350	300				
● 12.4-m boom											
Load radius (m)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.22			
Rated lifting capacity (kg)	630	480	400	350	310	280	250	210			
● 14.6-m boom											
Load radius (m)	4.9 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.4	
Rated lifting capacity (kg)	330	280	250	230	210	190	170	160	140	130	

Table D											
TM-ZE365D / ZE365DH											
● 3.52-m/5.75-m boom											
Load radius (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.55			
Rated lifting capacity (kg)	2,930	2,830	2,430	2,030	1,730	1,480	1,330	1,150			
● 7.95-m boom											
Load radius (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.75
Rated lifting capacity (kg)	2,330	2,130	1,830	1,630	1,480	1,330	1,150	1,050	950	850	730
● 10.1-m boom											
Load radius (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.92				
Rated lifting capacity (kg)	1,030	880	730	630	580	510	480				
● 12.3-m boom											
Load radius (m)	4.5 and below	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.1		
Rated lifting capacity (kg)	760	700	580	500	430	380	330	300	280		
TM-ZE366D / ZE366DH											
● 3.65-m/5.87-m boom											
Load radius (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.67			
Rated lifting capacity (kg)	2,930	2,830	2,380	1,980	1,680	1,450	1,280	1,080			
● 8.07-m boom											
Load radius (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.87
Rated lifting capacity (kg)	2,330	2,130	1,880	1,630	1,450	1,280	1,130	1,000	880	800	680
● 10.2-m boom											
Load radius (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	10.05				
Rated lifting capacity (kg)	1,030	880	730	630	580	510	480				
● 12.4-m boom											
Load radius (m)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.22			
Rated lifting capacity (kg)	700	580	500	430	380	330	300	280			
● 14.6-m boom											
Load radius (m)	4.9 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.4	
Rated lifting capacity (kg)	400	360	330	300	280	260	240	220	200	180	

Table C

TM-ZE365D / ZE365DH

● 3.52-m/5.75-m boom

Load radius (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.55
Rated lifting capacity (kg)	2,930	2,780	2,280	1,930	1,630	1,330	1,080	930

● 7.95-m boom

Load radius (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.75
Rated lifting capacity (kg)	2,230	2,030	1,680	1,380	1,180	1,050	930	800	700	630	550

● 10.1-m boom

Load radius (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	9.92
Rated lifting capacity (kg)	1,030	830	730	630	500	430	380

● 12.3-m boom

Load radius (m)	4.5 and below	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.1
Rated lifting capacity (kg)	760	630	480	400	350	310	280	250	230

TM-ZE366D / ZE366DH

● 3.65-m/5.87-m boom

Load radius (m)	2.4 and below	2.5	3.0	3.5	4.0	4.5	5.0	5.67
Rated lifting capacity (kg)	2,930	2,780	2,280	1,930	1,630	1,330	1,080	880

● 8.07-m boom

Load radius (m)	2.7 and below	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.87
Rated lifting capacity (kg)	2,230	2,030	1,680	1,380	1,180	1,050	880	780	680	600	500

● 10.2-m boom

Load radius (m)	4.0 and below	5.0	6.0	7.0	8.0	9.0	10.05
Rated lifting capacity (kg)	1,030	830	730	600	480	400	330

● 12.4-m boom

Load radius (m)	5.0 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.22
Rated lifting capacity (kg)	630	480	400	350	310	280	250	230

● 14.6-m boom

Load radius (m)	4.9 and below	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.4
Rated lifting capacity (kg)	330	280	250	230	210	190	170	160	140	130

NOTES FOR TECHNICAL SPECIFICATIONS:
Operating speeds of the crane are guaranteed under the conditions that the pump delivery is 60 L/min.
Rear outrigger is required for TM-ZE366D/DH.
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.