The response of the new Cargo Crane ZR from Tadano is so good—as if the operator's thoughts become the crane operation.

We proudly announce the addition of the Cargo Crane ZR to the current ZF series. Tadano has reviewed all basic performance criteria, and produced a crane that is safer and easier to use. The new Cargo Crane ZR is strong, yet sensitive and flexible—responding like an extension of the operator's arm. The ZR360 series cranes can extend their outriggers to a maximum width of 4.2 meters, giving exceptional stability and a higher class of performance. In addition to the standard specifications, the ZR360 series offer special options such as "Hook In" system and remote radio-control. Feel free to select the most suitable Cargo Crane ZR model to meet your goal and application.

Automatic swing lock
Leads the boom in place when the truck is being driven for greater safety.

Wide outriggers to give more freedom in your choice of work
Wide outriggers (with a maximum width of 4.2 meters) allow you to work with a greater margin of safety.

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

Neat, streamlined boom ends
The cables and sheaves of the 2 to 6-section booms are all internal—for a clean, clutter-free appearance.

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 multi-channel remote controller permits simultaneous operation of several cranes in close proximity without worries about crosstalk interference, and the system's exo-top 'Diversity' antenna rejects other radio interference for clear, trouble-free operation. Advanced computerized self-diagnostics also ensure long-term reliability.

*This option is available subject to local laws and regulations.
ZR360 series

RATED LIFTING CAPACITIES

**TM-ZR363**
- 3.75t boom
- Load Radius (m): 2.68, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5
- Rated Lifting Capacity (kg): 3,030, 2,480, 2,030, 1,580, 1,330, 1,080, 830
- 7.5m boom
- Load Radius (m): 2.71 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5
- Rated Lifting Capacity (kg): 2,330/2,030/1,780/1,530/1,280/1,030/880/730/600

**TM-ZR365**
- 3.75t, 75m boom
- Load Radius (m): 2.48, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5
- Rated Lifting Capacity (kg): 3,030 2,780 2,280 1,980 1,680 1,380 1,080 880
- 9.75m boom
- Load Radius (m): 2.71 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5
- Rated Lifting Capacity (kg): 2,330/2,030/1,780/1,530/1,280/1,030/880/730/600
- 10.1m boom
- Load Radius (m): 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0, 11.0
- Rated Lifting Capacity (kg): 1,620/800/600/500/400/300/200/100
- 12.3m boom
- Load Radius (m): 4.5, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0
- Rated Lifting Capacity (kg): 760/390/290/200/120/90/70

**TM-ZR366**
- 3.95t, 8.75m boom
- Load Radius (m): 2.48, 2.5, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5
- Rated Lifting Capacity (kg): 3,030 2,780 2,280 1,980 1,680 1,380 1,080 880
- 9.75m boom
- Load Radius (m): 2.71 3.0 3.5 4.0 4.5 5.0 5.5 6.0 6.5 7.0 7.5
- Rated Lifting Capacity (kg): 2,330/2,030/1,780/1,530/1,280/1,030/880/730/600
- 10.1m boom
- Load Radius (m): 4.0, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0
- Rated Lifting Capacity (kg): 1,620/800/600/500/400/300/200
- 12.4m boom
- Load Radius (m): 4.5, 5.0, 6.0, 7.0, 8.0, 9.0, 10.0
- Rated Lifting Capacity (kg): 760/390/290/200/120/90/70

**NOTE:**
1. The mass of hook (30%), slings and all similarly used load handling devices must be added to the mass of the load.
2. 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 chassises.

TECHNICAL SPECIFICATIONS

**MODEL**
- **TM-ZR363**
- **TM-ZR364**
- **TM-ZR365**

**CRANE CAPACITY**
- 3.030kg at 2.5m (4 parts line)
- 3.030kg at 2.5m (4 parts line)
- 3.030kg at 2.5m (4 parts line)

**BOOM**
- Type: Fully hydraulic telescoping boom of pentagonal box construction
- Fully powered partly synchronized telescoping boom of pentagonal box construction

**SECTIONS**
- 3
- 4
- 5
- 6

**LENGTH**
- 3.2m - 7.7m
- 3.3m - 10.6m
- 3.0m - 12.3m
- 3.0m - 14.6m

**EXTENDING SPEED**
- 4.4m/12sec
- 6.9m/14sec
- 8.7m/16sec
- 10.5m/19sec

**ELEVATION RANGE/SPREAD**
- 1° - 75° / 75°

**MAX. HOIST HEIGHT**
- Aprox. 9.2m
- Aprox. 11.4m
- Aprox. 13.7m
- Aprox. 15.9m

**MAX. LOAD RADIUS**
- 7.5m
- 9.8m
- 12.1m
- 14.1m

**WINCH**
- Hydraulic motor driven Spur gear speed reduction, provided with mechanical brake
- Hydraulic motor driven Spur gear speed reduction, provided with mechanical brake and cable follower

**MAX. SINGLE LINE PULL**
- 7.45 kN (730 kgf)

**MAX. SINGLE LINE SPEED**
- 75m/min (at 4th gear)

**SWING**
- Hydraulic motor driven Worm gear speed reduction Continuous 360° Latch brake swing on ball bearing swing gear Automatic swing lock

**SPEED**
- 2.5m/sec

**OUTRIGGERS**
- Manually extended sliders and hydraulically extended jacks

**HYDRAULIC SYSTEM**
- Pump: Single gear pump
- Control Valve: Multiple control valves with integral safety valve

**STANDARD SAFETY EQUIPMENT**
- Load indicator
- Overloading alarm
- T.O. indicator lamp
- Hook safety latch
- Level gauge
- Hydraulic safety valves, check valves and holding valves

**APPROPRIATE TRUCKS**
- Gross vehicle mass (including crane mass) 7.5 to 10 tons

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

*Some specifications are subject to change.*