Introducing
The Ultra-Reach Boom for Extended Life Range

ZR560 series
3,230 kg capacity
Swing auto-lock system
The system provides safe driving with the boom fixed in place. Since it locks automatically, it ensures a boom swing function when the crane is not operated.

New type of the outrigger
The employment of a new parabox-type outrigger enables the outrigger to secure a maximum extension width of 4.8 meters which enhances crane performance substantially in a stability zone. A hydraulic extension system of the outrigger is now available which is applicable to the model ZR566, ZR566S & ZR565S.
The ZR560 series
Seeking always
a new domain of activities
with enhanced safety

"TADANO NEW ZR560 SERIES"

ZR566, a typical model of the ZR560 series, has an enhanced lifting capacity of 3,230kg, equipped with a hydraulic ultra-reach boom of 18.06 meters of stronger quality.

Stronger long boom
The use of upgraded high-tensile steel (690N/mm²) enables the boom strength to be enhanced by 15% compared with the conventional one. To reduce a shock when telescoping the boom, a valve is newly fitted with inside the telescoping circuit.

Overwinding prevention device
This safety device stops automatically winch hoisting up, boom extension and boom elevation, whenever the hook block approaches the boom head. An automatic hook block stowing device is also available as a line option (except ZR556).

Excellent function at the boom head (except ZR566)
A wider space secured between sheaves at the boom head prevents the wire rope from being twisted, and this helps prolong the life of the wire rope.

Centralized control panelies
A horn switch and displayed in panels together with an empty chassis rated lifting capacities chart - one on each side of the...
### Rated Lifting Capacities

<table>
<thead>
<tr>
<th>Model</th>
<th>Load Radius (m)</th>
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<td>TM-ZR5664S / ZR5664S (H)</td>
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### Technical Specifications

#### Crane Capacity
- **Model**: TM-ZR5664S / TM-ZR5665S / TM-ZR5666S / TM-ZR5668
- **Rated Lifting Capacity**: 3,230 kg at 3.7 m (4-part line)

#### Boom
- **Type**: Fully powered partly synchronized telescoping boom of pentagonal box construction.
- **Sections**: 4
- **Length**: 3.65 m, 10.8 m, 13.34 m, 18.9 m
- **Extending Speed**: 7.25 m/min, 9.57 m/min, 11.8 m/min, 13.6 m/min
- **Elevation Range**: +10° / -15°
- **Max. Hook Height**: Approx. 12.7 m
- **Max. Load Radius**: Approx. 13.2 m

#### Winch
- **Spur Gear Speed Reduction**: Provided with mechanical brake.
- **Mechanically Stowed Booms**: Top portion only (H) only

#### Swing
- **Type**: Hydraulically driven
- **Continuous 360° Sweeping Swing**: Swing left / right
- **Max. Singly Line Pull**: 7.94 kN (810 kgf)
- **Max. Single Line Speed**: 76 m/min (at 4-line)
- **Wire rope**: 8 mm x 6 mm, 8 mm x 8 mm, 8 mm x 10 mm

#### Outriggers
- **Manually Extended Sliders**: Hydraulically extended jacks
- **Control Indicators**: Hoisting limit, P.T.O. indicator
- **Leveling Gage**: Level indicator

#### Hydraulic System
- **Type**: Single-stage pump
- **Control Valves**: Multiple control valves with integral safety valve

#### Suitable Trucks
- **Type**: Gross vehicle mass 12,000 kg to 25,000 kg

### Notes
1. Operating speeds of the crane are guaranteed under the condition that the pump delivery is 600 l/min.
2. No allowance made for boom deflection under static conditions.