## ROUGH TERRAIN CRANE

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL: GR-150XL</th>
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<tbody>
<tr>
<td><strong>MAXIMUM CAPACITY</strong></td>
</tr>
<tr>
<td>Max. traveling speed</td>
</tr>
<tr>
<td>Gradability (on 15%)</td>
</tr>
<tr>
<td><strong>WEIGHT</strong></td>
</tr>
<tr>
<td>Gross vehicle mass</td>
</tr>
<tr>
<td>-front axle</td>
</tr>
<tr>
<td>-rear axle</td>
</tr>
<tr>
<td><strong>MAX. TURNING RADIUS</strong></td>
</tr>
<tr>
<td>Fully retracted length</td>
</tr>
<tr>
<td>Fully extended length</td>
</tr>
<tr>
<td>Extension speed</td>
</tr>
<tr>
<td>Angle</td>
</tr>
<tr>
<td>Elevator speed</td>
</tr>
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## PERFORMANCE

<table>
<thead>
<tr>
<th>SPECIFICATION</th>
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<tbody>
<tr>
<td><strong>DIMENSIONS</strong></td>
</tr>
<tr>
<td><strong>LOAD MOMENT</strong></td>
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| **NOTE:** Some specifications are subject to change.
**Hook Block Storage**
Hook block stowing system enhances work efficiency.

**Carrier**
Substantial safety devices allow excellent operability.

- **Unobstructed view when driving**
- Down-slanted boom improves front and side views.
- A front view monitor and camera also improve driver visibility.

- **Suspension**
- Semi-elliptic leaf springs with hydraulic lockout device.

- **Fast Traveling Speed**
- Max. Traveling Speed: 49 km/h

- **High Performance Engine**
- Mitsubishi 4M50-TL
- 4 cycle, turbo-charged and after cooled.
- Max. Output: 129 kW at 2,700 min⁻¹ (rpm)
- Max. Torque: 530 N-m at 1,600 min⁻¹ (rpm)

**ROUGH TERRAIN CRANE**
**GR-150XL**

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**Benefits of the GR-150XL**
A compact and highly maneuverable design enables operators to complete jobs more efficiently compared to other bulkier alternative models.

- Easy approach to tight or busy job sites
- Quick Setup
- Asymmetrical outriggers offer maximum work value
- Reduced transportation costs

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**Highly Maneuverability**
The compact carrier can smoothly maneuver in narrow spaces.

- Overall Length: approx. 7,540 mm
- Overall Width: approx. 2,000 mm
- Overall Height: approx. 2,815 mm
- Min. Turning Radius: 3.8 m (4-wheel steering)
- 6.5 m (2-wheel steering)

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**Semi-elliptic leaf springs** with hydraulic lockout device.
Load moment indicator [AML-C]

Tadano’s AML-C is easy to use, innovative in design, displays important information to the operator and enables the operator to preset a custom working environment. For example, the AML-C shows the boom angle, boom length, load radius, operating pressure of the elevating cylinder, the extension width of the outriggers, slewing position, rated lifting capacity and present hook load. These features allow the AML-C to move seamlessly through all lifting operations without having to change configurations or input new codes to make the lift.

The AML-C safety features provide both audible and visual warnings. When an operation approaches the load limit Tadano’s slow stop function engages to avoid shock loads.

Environmentally Friendly Features

Eco Mode System
The system reduces fuel consumption and CO2 emissions while the crane is in operation.

Fuel Monitoring System
The system constantly monitors fuel consumption on the AML screen.

Outrigger Asymmetric Extension Width Control
When operating the crane with the asymmetric outriggers extended, the AML-C detects the extension width of all of the crane’s outriggers (front, rear, left and right) to measure maximum work capacity in each area. When slewing the boom from the longer outrigger area to the shorter outrigger area, the AML-C detects the motion and displays the maximum capacity according to the extension width of each of the outriggers, and brings the motion to a slow stop before it reaches the maximum capacity.

The AML-C’s slow stop function will help to minimize any safety risks even in the cases of operator error.

Operator Comfort
The crane cab provides improved livability and a more comfortable working environment.

Crane Capacity: 13,600 kg at 1.52 m
6-Section Long Boom: 5.3 m - 23.8 m
2-Staged Jib: 3.6 m / 5.5 m
Maximum Lifting Height: 24.5 m (Boom) / 30.0 m (Jib)
Maximum Load Radius: 22.5 m (Boom) / 23.2 m (Jib)

Under-Slung Jib
A two-stage, under slung jib makes installation in narrow spaces possible.

Front steps Rear steps

Wider steps and hand rails

Eco mode switch

Fuel Monitoring System

Outrigger Asymmetric Extension Width Control

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