New Design
Compact carrier for rough terrain crane
Overall length: approx. 13,390 mm
Overall width: approx. 2,960 mm
Overall height: approx. 3,865 mm

ROUGH TERRAIN CRANE
GR-550XLL

The Debut of a new crane for a solution to your problems!
Tadano has launched a new rough terrain crane that better meets customer’s requirements. Our new crane combines a compact carrier for better maneuverability with improved driving performance. In addition, it equips the longest boom in its class. Tadano has also enhanced safety and operator comfort by improved accessibility, environmental friendliness and high maintainability. We are convinced that the GR-550XLL is the best solution for you.

HELLO-NET System
The HELLO-NET System is used to monitor crane activity straight from your computer or mobile device. You have the ability to view work history, machine position data and maintenance information. HELLO-NET provides advanced customer support between the owners’ site and TADANO Group.

HELLO-NET

Environmentally Friendly Features
Note: HELLO-NET availability varies by situation.
For detail, please contact your distributor or our sales staff in charge.

Eco Mode System
The Eco Mode System controls the maximum engine speed at the time of crane operation. To prevent an unnecessary rise in engine speed when there is excessive acceleration, the system enables fuel consumption and CO₂ emissions to decrease by Max. 22 % with Eco mode I, and Max. 30 % with Eco mode II while simultaneously reducing noise levels.

Fuel Monitoring System
The Fuel Monitoring System constantly monitors fuel consumption on the AML screen. Checking this monitor enables you to prevent wasteful fuel consumption from unnecessary acceleration and idling.

Eco mode switch

During crane operation
While traveling

Tadano has also enhanced safety and operator comfort by improved accessibility, environmental friendliness and high maintainability. We are convinced that the GR-550XLL is the best solution for you.
A two-stage, under slung jib makes installation in narrow spaces possible. The finger control levers are smooth and responsible to the operator's touch.

**Under slung jib (side up type)**

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

**Operator comfort**

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

**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.

**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.
**Carrier**

Newly designed carrier provides improved driving performance.

- **Good front and side view for driving**
  - Double short elevating cylinders are installed at the rear side of cab to improve visibility while driving.

- **Radial tire (505/95 R 25)**
  - Radial tires have been adopted to extend continuous travel time.
  - Radial tire
  - Continuous travel without a break
  - Non-radial tire
    - 30 minutes drive
    - 120 minutes break
    - 30 minutes drive

- **Suspension**
  - Front: Rigid mounted to the frame
  - Rear: Semi-elliptic leaf springs

- **Locking Differential**
  - A locking differential assists operators on rough roads.

- **Fast traveling speed**
  - Max. traveling speed: 48km/h

- **High performance engine**
  - Increased engine durability.
  - MITSUBISHI 6M60-TL
    - 4 cycle, turbo charged and after cooled.
    - Max. output: 200 kW at 2600 min⁻¹ (rpm)
    - Max. torque: 785 N·m at 1,400 min⁻¹ (rpm)

- **Boom head mirror**
  - Boom head mirrors are used for checking the immediate area on each side of the vehicle in order to enhance driving safety.

- **Winch drum monitoring mirror**
  - Folding mirror reduces height during transport.

**Standard Equipment**

- Air conditioner
- Tool storage compartment
- Two winches with cable follower
- Steps on the superstructure

**Improved accessibility**

- Front steps
- Rear steps
- Right side steps
- Left side steps

- **Carrying**
  - Newly designed carrier provides improved driving performance.

- **Powered by TCPDF (www.tcpdf.org)**