**SPECIFICATIONS**

**MODEL:** GR-130EX

**HYDRAULIC SYSTEM**
- Separate, 2-cylinder pumps for crane functions
- Suction gear pumps for steering, slewing, and optional equipment

**Control valves**
- Multiple valves actuated by pilot pressure with integral pressure relief valves
- Reservoir: 172 l capacity. External high relief gauge
- Oil cooler: Air-cooled fan type

**TADANO Automatic Moment Limiter (TADANO AM-L)**
- Following information is displayed:
  - Control lever lockout function with audible and visual pre-warning
  - Number of parts of line
  - Boom position indicator
  - Outrigger slide indicator
  - Slewing angle
  - Boom angle / boom length / jib offset angle / jib length / load radius / rated lifting capacities / actual loads read out
  - Potential lifting height
  - Ratio of actual load moment to rated load moment indication
  - Permissible load

**PERFORMANCE**
- Tail slewing radius
- Slewing speed
- Wire rope
- Single line speed
- Single line pull
- Length
- Offset

**MAIN WINCH**
- Single sheave at jib head

**JIB**
- 2-staged under slung boom with quadruple offset

**BOOM**
- Telescoping boom
- 6-section full power partially synchronized

**WEIGHT**
- Gross vehicle mass
- Gradeability (tan α)

**DIMENSIONS**
- Working range
- Dimensions

**WHEELBASE**
- Min. turning radius
- - Rear axle
- - Front axle

**WEIGHT**
- Gross vehicle mass
- Gross vehicle mass (incl. 1.8 ton hook block)

**RESERVOIR**
- 172 liters capacity. External sight level

**FUEL TANK CAPACITY**
- 189 liters

**SUSPENSION**
- Front: Semi-elliptic leaf springs with hydraulic lockout device
- Rear, 4 wheel coordinated and 4 wheel crab

**STEERING**
- 4 steering modes available: 2 wheel front, 2 wheel rear, 4 wheel coordinated and 4 wheel crab
- Hydraulic power steering controlled by steering wheel

**TRANSMISSION**
- Electronically controlled full automatic transmission

**ENGINE**
- Max. output: 129 kW at 2,700 min⁻¹
- Bore x stroke: 114 mm x 120 mm
- Piston displacement: 4,900 cc

**TRANSPORTATION**
- Min. transport length: 16.4 m

**OUTRIGGERS**
- 4 hydraulic, beam and jack outriggers. Vertical jack cylinders equipped with integral holding valve. Each outrigger beam and jack is controlled independently from cab.

**RANGE**
- Load radius / boom angle / tip height / slewing working condition
- Range preset function

**CONTROL VALVES**
- Multiple valves actuated by pilot pressure and optional equipment

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**NOTE:** Some specifications are subject to change.

**The GR-130EX: High Quality We Are Proud Of**

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**GR-130EX-2-E-17-03-536-A**

Printed in Japan

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**ROUGH TERRAIN CRANE**

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**ROUGH TERRAIN CRANE**

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**ROUGH TERRAIN CRANE**
Little Crane, Big Power.

Benefits of the GR-130EX
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

ROUGH TERRAIN CRANE
GR-130EX

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: 529 N·m at 1,600 min⁻¹ {rpm}

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)

New design head lamp
New Headlight Design. Halogen headlights is equipped.

OPTIONAL EQUIPMENT
- Discharge head lamp
- Power stowing mirror
- Centralized lubricating system (Carrier portion)

Semi-elliptic leaf springs
with hydraulic lockout device.

GR-130EX
**Operator Comfort**

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

- **Crane Capacity**: 13,000 kg at 1.5 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)

**Wider steps and hand rails**

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

**Under-Slung Jib**

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

**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.

**Automatic moment limiter [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.

- **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.

**HELLO-NET**

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.

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