GT-750ER
75 METRIC TON CAPACITY

GT-600ER
60 METRIC TON CAPACITY

GT-300ER
30 METRIC TON CAPACITY

The GT-750ER/600ER/300ER
High Quality We Are Proud Of

Photo: Optional model
The GT-750ER/600ER/300ER redefines what truck cranes should be by offering enhanced safety and performance in all crane operations. The newly designed carrier also boasts refined performance, enabling it to withstand even the harshest running test conditions. Tadano has utilized years of development experience to craft this cutting-edge, Japanese-manufactured truck crane.

GT-750ER
Crane capacity: 75,000 kg
5-section long boom: 47.0 m
2-staged jib: 9.0 m/14.3 m
Maximum lifting height: 47.3 m (Boom)
61.2 m (Jib)
Maximum load radius: 40.0 m (Boom)
48.0 m (Jib)

GT-600ER
Crane capacity: 60,000 kg
5-section long boom: 43.0 m
2-staged jib: 9.0 m/14.3 m
Maximum lifting height: 43.4 m (Boom)
57.3 m (Jib)
Maximum load radius: 34.0 m (Boom)
44.0 m (Jib)

GT-300ER
Crane capacity: 30,000 kg
4-section long boom: 34.0 m
2-staged jib: 8.5 m/14.0 m
Maximum lifting height: 34.0 m (Boom)
48.0 m (Jib)
Maximum load radius: 32.0 m (Boom)
40.0 m (Jib)
The carrier has been newly designed, right down to the suspension, to pass long and rigorous road tests in a variety of environments and substantially improve crane mobility. The cabin has also been remodeled with features that contribute to comfortable and safe driving, such as automatic mechanical transmission.

**Two-person, full-width cabin**
The full-sized cabin accommodates two passengers, allowing comfortable traveling for the operator.

**Automatic mechanical transmission**
- **GT-750ER**
  - Overall length: approx. 14,180 mm
  - Overall width: approx. 2,800 mm
  - Overall height: approx. 3,740 mm
  - Max. traveling speed: 85 km/h

- **GT-600ER**
  - Overall length: approx. 13,140 mm
  - Overall width: approx. 2,800 mm
  - Overall height: approx. 3,780 mm
  - Max. traveling speed: 85 km/h

- **GT-300ER**
  - Overall length: approx. 12,620 mm
  - Overall width: approx. 2,550 mm
  - Overall height: approx. 3,800 mm
  - Max. traveling speed: 85 km/h

**High performance engine [EURO III]**
- Daimler OM457LA
  - 4-cycle, turbo charged and after cooled
  - Max. output: 260 kW (353 PS)
  - Max. torque: 1,850 Nm (188 kgf-m)

- Daimler OM926LA
  - 4-cycle, turbo charged and after cooled
  - Max. output: 240 kW (326 PS)
  - Max. torque: 1,300 Nm (132 kgf-m)

**Push forward**
- Shifts up a gear. Switches to manual when driving in automatic.

**Push once to the right**
- Changes the shift position according to your speed when driving in manual.

**Sachs shock absorbers**
- Improved ride comfort and operability.

**Shift lever**
- Push to the left: Switches between automatic and manual (switchable at all times).
- Pull backward: Shifts down a gear. Switches to manual when driving in automatic.

**Cruise control**
A system that automatically controls the speed of the carrier.

**New suspensions for the carrier**
The ride quality has been optimized to ensure the driver’s comfort and protect the carrier.

**Front: Reyco leaf-type suspensions**
- GT-750ER, GT-600ER

**Rear: Rubber suspension mounts**
- Featuring rubber suspension co-developed with Hendrickson
- Extreme durability proven in the harshest environments.
- Improved ride comfort and maintainability.

**High-speed driving and durability performance tests**
- **GT-750ER**
  - Maximum speed test
  - Road-holding ability test
  - ABS test
  - Brake performance test
  - Road driving durability test 15,000km
The rounded boom is made of high tensile steel which decreases its weight while increasing its strength to realize smooth and powerful crane operation, while the high-performance AML-C assists with safe and comfortable operation. In addition, the newly developed Smart Chart expands workability into whole new areas to improve operation efficiency.

Rounded construction boom
The rounded boom constructed of high tensile steel contributes to decreased boom weight and increased boom strength.

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GT-300ER
Crane capacity: 30,000 kg
4-section long boom: 34.0 m
2-staged jib: 8.5 m/14.0 m
Maximum lifting height: 34.0 m (Boom)
48.0 m (Jib)
Maximum load radius: 32.0 m (Boom)
40.0 m (Jib)

The crane operating levers are of finger control type and surely and steadily respond to the operator.

Operator Comfort
The crane cabin provides improved livability and offers the operator a comfortable working environment.

Under slung jib
(Bold up type: GT-750ER, GT-600ER)
A two-stage, side up jib makes installation in narrow spaces possible.

Two winches with cable follower
Both the main winch and the auxiliary winch have powerful line pull (GT-750ER: 5.6-ton, GT-600ER/300ER: 4.5-ton) and operate at high speeds for increased work efficiency.

Two telescoping modes Ⅰ & Ⅱ GT-750ER, GT-600ER
The operator can select either of the two boom telescoping modes based on the designated job plan. This provides enhanced crane capabilities in accordance with work needs.

Mode Ⅰ
Mode Ⅰ is extension of 2nd section only. Then synchronized extension of 3rd, 4th and 5th sections.

Mode Ⅱ
Mode Ⅱ is synchronized extension of 3rd, 4th and 5th sections. Then 2nd section independently.

The crane operating levers are of finger control type and surely and steadily respond to the operator.
**Automatic moment limiter [AML-C]**

Tadano’s new AML-C is easy to use. It allows the operator to simultaneously monitor: boom angle, boom length, operating pressure of the elevating cylinder, the extension width of outriggers, slewing position, rated lifting capacity and present hook load. All of this enables the AML-C to move easily through lifting capacity changes without changing configurations and codes to make a lift. The AML-C provides both audio and visual warnings when a condition exists that will overload the crane and automatically employs our slow stop function to avoid shock loads. The AML-C with “OPERATOR” pre-set working range limits and automatic slow stop functions will assist the operator to deliver safe smooth operations.

**Control of asymmetric extension width of outriggers**

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. Regardless of operator awareness, the AML-C’s slow stop function will help to minimize any safety risk.

**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.

**Reduce fuel consumption**

**Positive Control System**

The system effectively controls the quantity of hydraulic pump discharge at the time of crane operation in response to the amount of movement applied by the operating lever.

**Eco Mode System**

The system controls the maximum engine speed during crane operation.

**Smart Chart system**

The newly developed Smart Chart expands the working area, allowing you to get the best crane performance in any outrigger extension setup.

Smart Chart creates a new working area for you

Tadano’s new Smart Chart taps into a crane’s full potential by expanding the rear part of the conventional circular work area into a square for increased load radius when the outriggers are extended to improve safety and efficiency.

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GT-750ER

WORKING RANGE

Continuing technical development requires Tadano to retain the right to make specifications, equipment and price changes without notice.

COUNTERWEIGHT

GT-750ER: Mass: 7.7 t

Fixed counterweight: Mass: 4.0 t

Self-Removable counterweight: Mass: 1.0 t

Self-Removable counterweight: Mass: 2.7 t

Self-Removable counterweight

Counterweight is hydraulically mounting/dismounting; in addition, dismounted counterweights can be lifted and moved for transport without a helper crane, as well as being re-mounted at a work site for operation.

OPTIONAL ITEMS

Search light

Wind speed indicator

Beacon lamp

Winch drum camera and monitor

External lamp (AML) LED

Rear view camera (monitor: standard)

Side marker lamp

ABS

Spark arrester (Euro3)

400 L fuel tank

Rear fog lamp

Spare tire and bracket

Stepladder (capacity 100 kg)

DIMENSIONS

[mm]
**GT-600ER**

**WORKING RANGE**

![Graph of Working Range](image)

**DIMENSIONS**

![Diagram of Dimensions](image)

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*Some specifications are subject to change*

**GT-300ER**

**WORKING RANGE**

![Graph of Working Range](image)

**DIMENSIONS**

![Diagram of Dimensions](image)

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