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

GT-750EL  75 METRIC TON CAPACITY
GT-600EL  60 METRIC TON CAPACITY
GT-300EL  30 METRIC TON CAPACITY

The GT-750EL/600EL/300EL: High Quality We Are Proud Of
The GT-750EL/600EL/300EL 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-750EL**
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-600EL**
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-300EL**
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.

**GT-750EL**
- 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-600EL**
- 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-300EL**
- Overall length: approx. 12,620 mm
- Overall width: approx. 2,550 mm
- Overall height: approx. 3,800 mm
- Max. traveling speed: 85 km/h

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.

**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 (189 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)

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

**Shift lever**
- Push forward: Shifts up a gear. Switches to manual when driving in automatic.
- Shift lever:
  - Push to the left: Switches between automatic and manual (switchable at all times).
  - Automatic/Manual:
    - Push once to the right: Shifts down a gear. Switches to manual when driving in automatic.

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

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

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

**Shifts down a gear.**
Switches to manual when driving in automatic.

**Push to the left:**
Switches between automatic and manual (switchable at all times).

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

**High-speed driving and durability performance tests for the new truck crane**
- Maximum speed test
- Road-holding ability test
- ABS test
- Brake performance test
- Road driving durability test 15,000 km
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.

### Round Boom

- **Construction**: Rounded construction
- **Material**: High tensile steel
- **Benefits**: Decreased boom weight and increased boom strength.

### Crane Specifications

#### GT-750EL
- **Crane Capacity**: 75,000 kg
- **Boom**: 5-section long boom: 47.0 m
- **Jib**: 2-staged: 9.0 m/14.3 m
- **Lifting Heights**:
  - Boom: 47.3 m
  - Jib: 61.2 m
- **Load Radii**:
  - Boom: 40.0 m
  - Jib: 48.0 m

#### GT-600EL
- **Crane Capacity**: 60,000 kg
- **Boom**: 5-section long boom: 43.0 m
- **Jib**: 2-staged: 9.0 m/14.3 m
- **Lifting Heights**:
  - Boom: 43.4 m
  - Jib: 57.3 m
- **Load Radii**:
  - Boom: 34.0 m
  - Jib: 44.0 m

#### GT-300EL
- **Crane Capacity**: 30,000 kg
- **Boom**: 4-section long boom: 34.0 m
- **Jib**: 2-staged: 8.5 m/14.0 m
- **Lifting Heights**:
  - Boom: 34.0 m
  - Jib: 48.0 m
- **Load Radii**:
  - Boom: 32.0 m
  - Jib: 40.0 m

### Operator Comfort

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

### Under Slung Jib

- **Description**: A two-stage, side up jib makes installation in narrow spaces possible.

### Two Telescoping Modes

- **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.

### Two Winches with Cable Follower

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

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.

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.

Outrigger Maximum extension

Outrigger Middle extension


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.

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.

An example of effects with the Smart Chart (Comparison with conventional control)
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.

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

The system controls the maximum engine speed during crane operation.

Fuel consumption

Eco mode switch

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.

GT-750EL  GT-600EL

Fuel consumption

CO2 emissions

Down 15%  Down max. 35%

*The above figures differ according to the type of a crane used and its operating conditions.
GT-750EL

DIMENSIONS (mm)

WORKING RANGE

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

COUNTERWEIGHT GT-750EL: 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

- ABS
- Spark arrester (Euro3)
- 400 L fuel tank
- Rear fog lamp
- Spare tire and bracket
- Stepladder (capacity 100 kg)
- External lamp (AML) LED
- Beacon lamp
- Counterweight mounting/dismounting switch
- Winch drum camera and monitor
- Rear view camera (monitor: standard)
- Side marker lamp
- Search light (GT-600EL, GT-750EL)
- Wind speed indicator

*Some specifications are subject to change.