

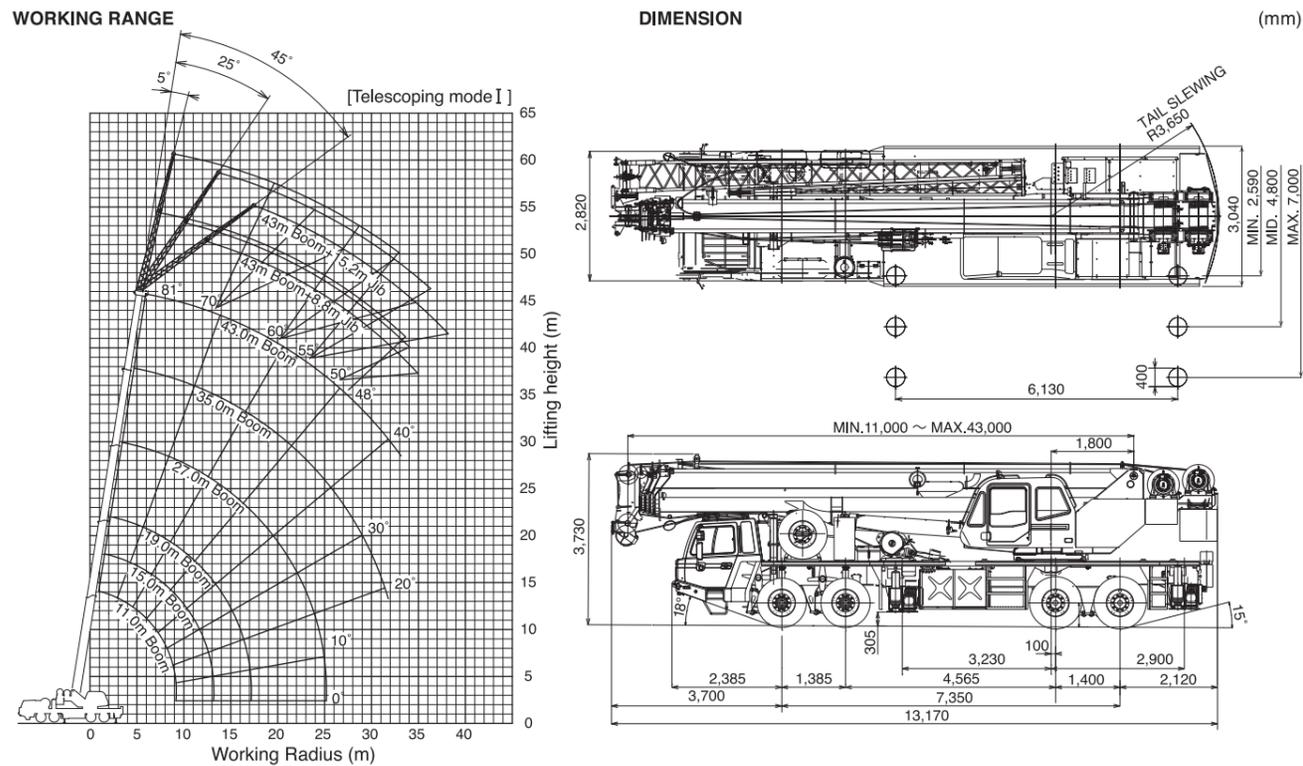


GT-600EX

60 METRIC TON CAPACITY



TRUCK CRANE



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

*Some specifications are subject to change



The adoption of a new hydraulic suspension system has enabled fast and comfortable road travel. The GT-600EX is a truck crane made in Japan, with a crane capacity of 60 metric tons, featuring a new design that reduces load and meets the Australian bridge formula.



Crane capacity: 60,000 kg at 3.0 m
 5-section long boom: 11.0 m - 43.0 m
 2-staged bi-fold jib: 8.8/15.2 m
 Maximum lifting height: 43.1m(Boom)
 58.1m(Jib)
 Maximum load radius: 36.0m(Boom)
 42.3m(Jib)
 Strong winches: 5,600 kgf

The GT-600EX has a newly developed rounded solid boom of 43.0 m— One of the longest boom in its class. In addition, with the introduction of a new Automatic Moment Limiter model, the AML-C offers customers a safer operating environment. Further, improved traveling performance ensures a comfortable drive to work sites.



Maximum traveling speed: 84 km/h
 Gradeability (tanθ): 58%

Carrier

A high-performance engine that meets the EURO III standards is mounted on the carrier. The steering ability of the wheel when the carrier is in a stop condition, along with the adoption of a new hydraulic suspension system, substantially improves the mobility of the crane. In addition, the flat carrier fender eases access to the upper structure.



Two-passengers, full-width cabin

The full-sized cabin accommodates two passengers. The telescoping and tilting steering wheel can be manipulated to adjust the driving position to suit the operator. Furthermore, the three-way adjustable air-suspended seat, with headrest, allows comfortable traveling for the operator.



Engine

The engine used in this model of crane is Daimler OM457LA that has a maximum output of 260 kW, satisfies the EURO III standards, and is environmentally-friendly.

Daimler OM457LA

4-cycle, turbo charged and inter cooled
 Max. output 260kW {353PS}
 Max. torque 1,850N-m {188kgf-m}



Hydraulic suspension

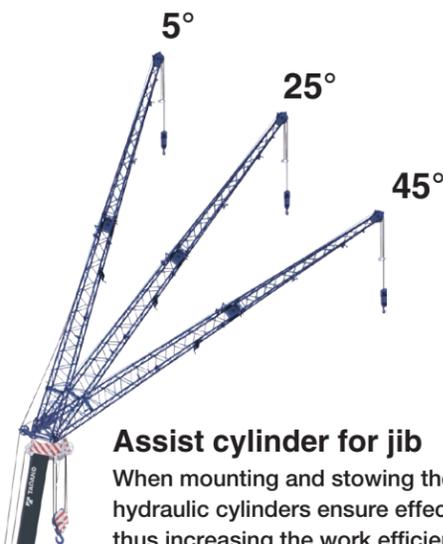
All axles are equipped with a hydraulic suspension system which helps absorb the shocks and vibrations which take place due to a change in road conditions (on a bad road) to realize comfortable roadability.

Strengthened functions and equipment

- Multistage transmission: 9-speed transmission forward
- Differential gear lock
- Electrically adjustable and heating rear view mirror
- Cruise control
- Emergency steering pump for greater safety
- Tool box

Crane

The 43-meter boom is one of the longest in its class. The rounded boom is made of high tensile steel, which allows for decreased boom weight as well as increased boom strength. In addition, the high-performance AML-C ensures safe operation.

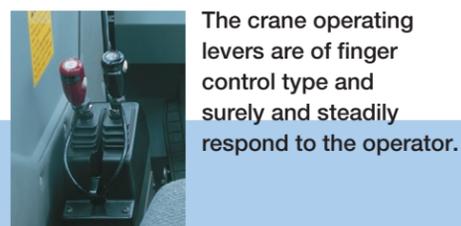


Bi-fold jib
A two-stage, bi-fold lattice-type jib can be offset at 5°, 25°, and 45° to enable the operator to carry out jobs that require extra reaching ability.

Assist cylinder for jib
When mounting and stowing the jib, assistant hydraulic cylinders ensure effective operation, thus increasing the work efficiency of jib mounting and stowing.



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



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

There is no need to dismantle the counterweights of the GT-600EX when traveling on roads. Thus, crane operations can be started once the crane has arrived at a work site.

Two telescoping modes [I] & [II]

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.



Two winches with cable follower

Both the main winch and the auxiliary winch have powerful 5.6-ton line pull and operate at high speeds for increased work efficiency.



Automatic moment limiter [AML-C]

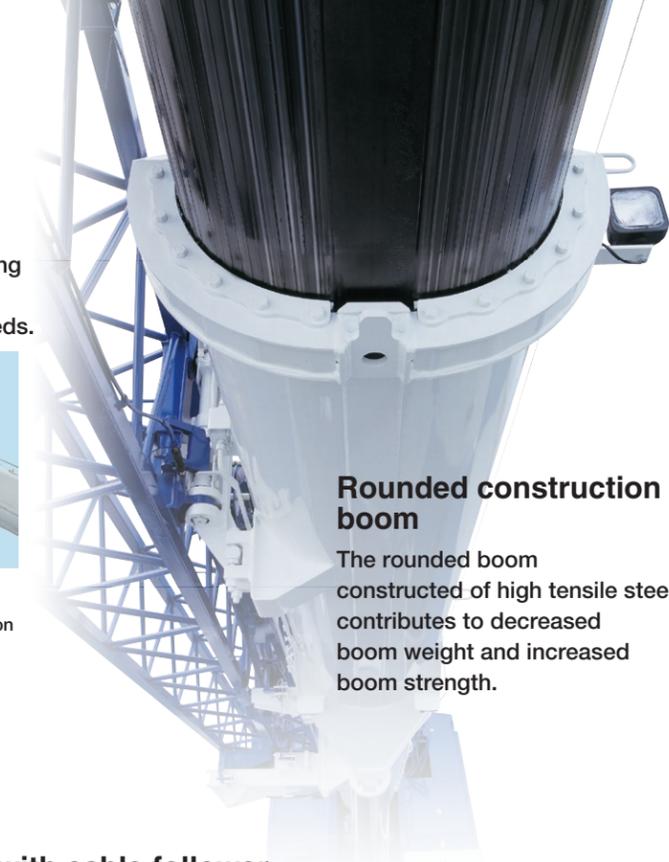
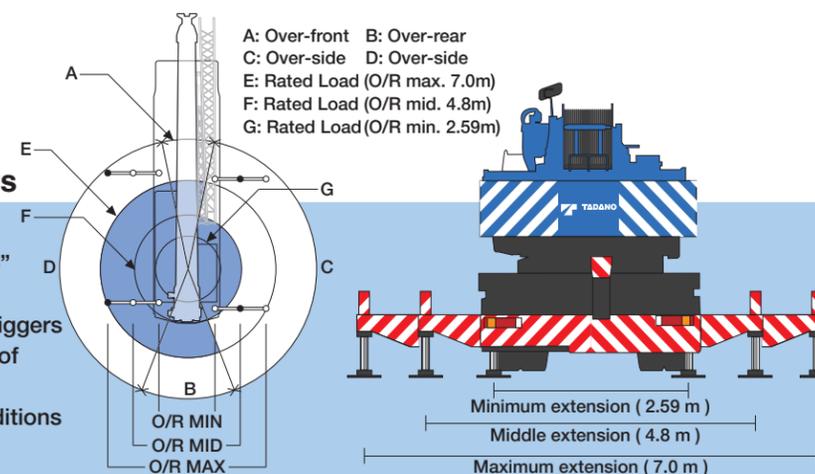
Tadano's new AML-C is easy to use. It allows the operator to simultaneously monitor: boom angle, boom length, elevating cylinder operating pressure, the extended length of the outriggers, slewing position, rated lifting capacity and present hook weight. All of this enables the AML-C to move easily through 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 **soft stop** function to avoid shock loads.

The AML-C with "OPERATOR" pre-set working range limits and automatic **soft stop** functions will assist the operator to deliver safe smooth operations for years to come.

Control of asymmetric extension width of outriggers

At all times, the new type AML-C system offers a maximum "work value" for each work area. Even when the extension width of outriggers differs between the front and the rear of the crane, or between its two sides, the AML-C detects such working conditions and displays the optimal value.



Rounded construction boom

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

