GT-600EL

GT-300EL

Photo: Optional model

OPTIONAL ITEMS

Wind speed indicator

Search light *GT-600EL

- Attachment sheave for over 45 t lifting
- ABS
- Rear fog lamp
- Spark arrester(Euro3)

TADANO

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TADANO

Lifting your dreams

TRUCK CRANE

GT-600EL GT-300EL

60 METRIC TON CAPACITY **30 METRIC TON CAPACITY**

Photo: Optional model

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

Opening Up New Realms of Cutting-Edge Truck Crane Technology

State-of-the-Art Truck Cranes Crafted in Japan

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)

Photo: Optional model

The GT-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.

CONTENTS

Carrier

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-600EL

Overall length: approx. 13,140 mm
Overall width: approx. 3,040 mm
Overall height: approx. 3,780 mm
Max. traveling speed: 85 km/h

GT-300EL

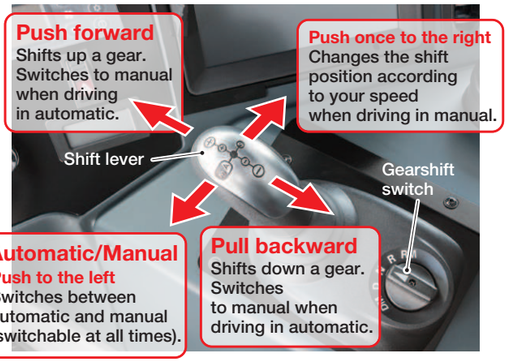
Overall length: approx. 12,620 mm
Overall width: approx. 2,550 mm
Overall height: approx. 3,812 mm
Max. traveling speed: 85 km/h

Photo: Optional model

Two-person, full-width cabin

The full-sized cabin accommodates two passengers, allows comfortable traveling for the operator.

Automatic mechanical transmission

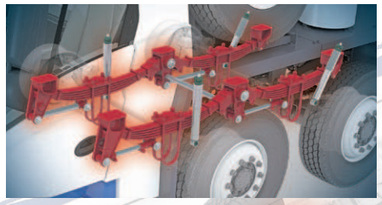


Rear view camera and monitor

Front: Reyco leaf-type suspensions *GT-600EL

Sachs shock absorbers

Improved ride comfort and operability.



New suspensions for the carrier

The ride quality has been optimized to ensure the driver's comfort and protect the carrier.

HENDRICKSON
The World Rides On Us®

Rear: Rubber suspension mounts

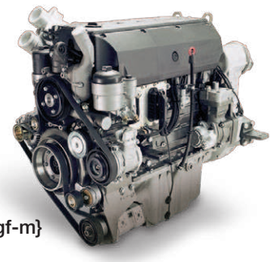
Featuring rubber suspension co-developed with Hendrickson

Extreme durability proven in the harshest environments.
Improved ride comfort and maintainability.

High performance engine [EUROⅢ]

Daimler OM457LA *GT-600EL
4-cycle, turbo charged and after cooled
Max. output: 260 kW {353 PS}
Max. torque: 1,850 Nm {188 kgf-m}

Daimler OM926LA *GT-300EL
4-cycle, turbo charged and after cooled
Max. output: 240 kW {326 PS}
Max. torque: 1,300 Nm {132 kgf-m}



Cruise control

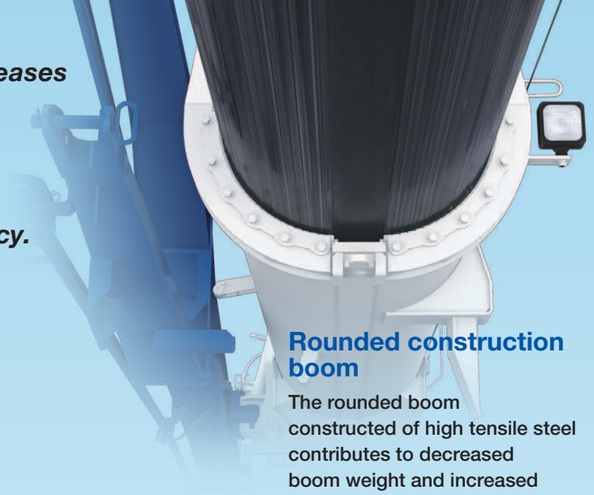
A system that automatically controls the speed of the carrier

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: 15,000km

Crane

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.

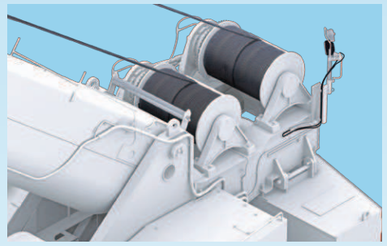


Rounded construction boom

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

Two winches with cable follower

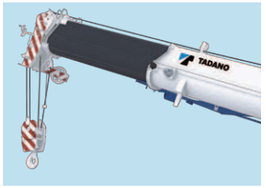
Both the main winch and the auxiliary winch have powerful 4.5-ton line pull and operate at high speeds for increased work efficiency.



Winch drum camera and monitor

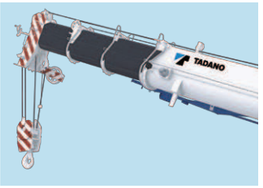
Two telescoping modes [Ⅰ] & [Ⅱ] * GT-600EL

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.

Operator Comfort

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

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

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)
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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)

Photo: Optional model

Under slung jib

(Side up type: GT-600EL)

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

Jib installation

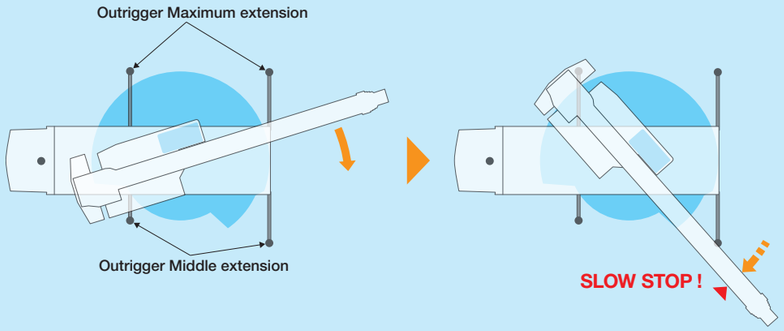
Automatic moment limiter [AML-C]

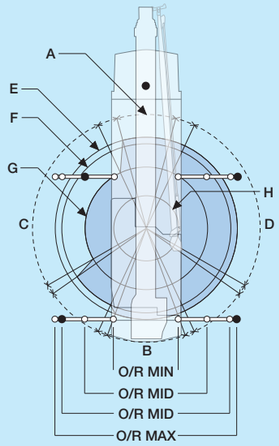
Tadano's AML-C is easy to use, innovative in design, displays important information to the operator and enables the operator to preset a custom working environment.
For example, the AML-C shows the boom angle, boom length, load radius, operating pressure of the elevating cylinder, the extension width of the outriggers, slewing position, rated lifting capacity and present hook load.
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.

External lamp (AML) LED

Control of asymmetric extension width of outriggers

When operating the crane with the asymmetric outriggers extended, the AML-C automatically detects the extension width of outriggers at the front and rear, and to the left and right of the crane to allow maximum work capacity in each area.
When slewing the boom from the longer outrigger area to the shorter outrigger area, the AML-C automatically detects the motion and displays the maximum capacity depending on each of the extension widths of outriggers, and brings the motion to a slow stop before it reaches the limits of the allowed capacity.
Therefore, even in the case of operator error, the AML-C's slow stop function will help to minimize any safety risk.





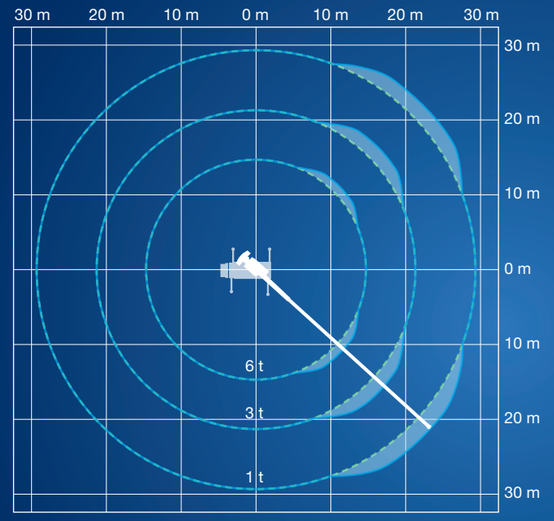
A: Over-front B: Over-rear
C: Over-side D: Over-side
E: Rated Load [O/R MAX]
F: Rated Load [O/R MID]
G: Rated Load [O/R MID]
H: Rated Load [O/R MIN]

Smart Chart system

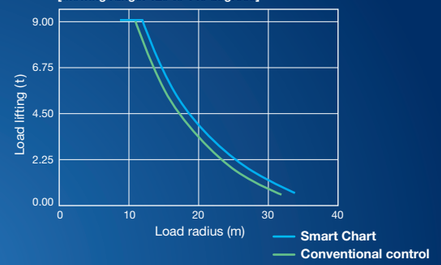
*GT-600EL

SMART CHART

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



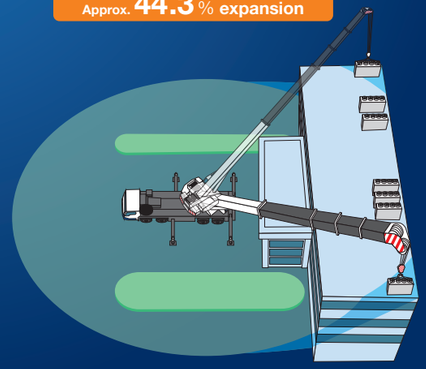
Performance comparison graph (GT-600EL)
[Slewing range: 125 to 145 degrees]



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

Load radius 31.4 m → 34 m
Approx. 8.3 % expansion

Load lifting capacity 0.7 t → 1.01 t
Approx. 44.3 % expansion

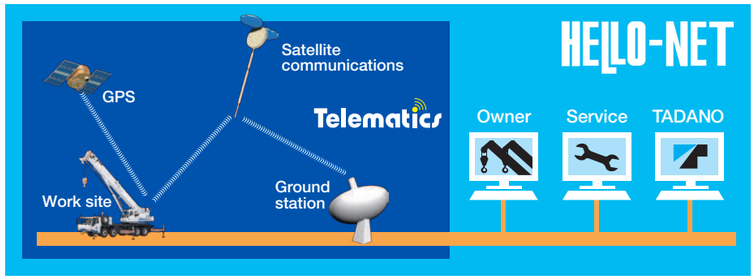


Smart Chart creates a new working area for you

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.

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.

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.

Eco mode switch

Fuel consumption
CO_2 emissions
[Compared with GT-600EX]

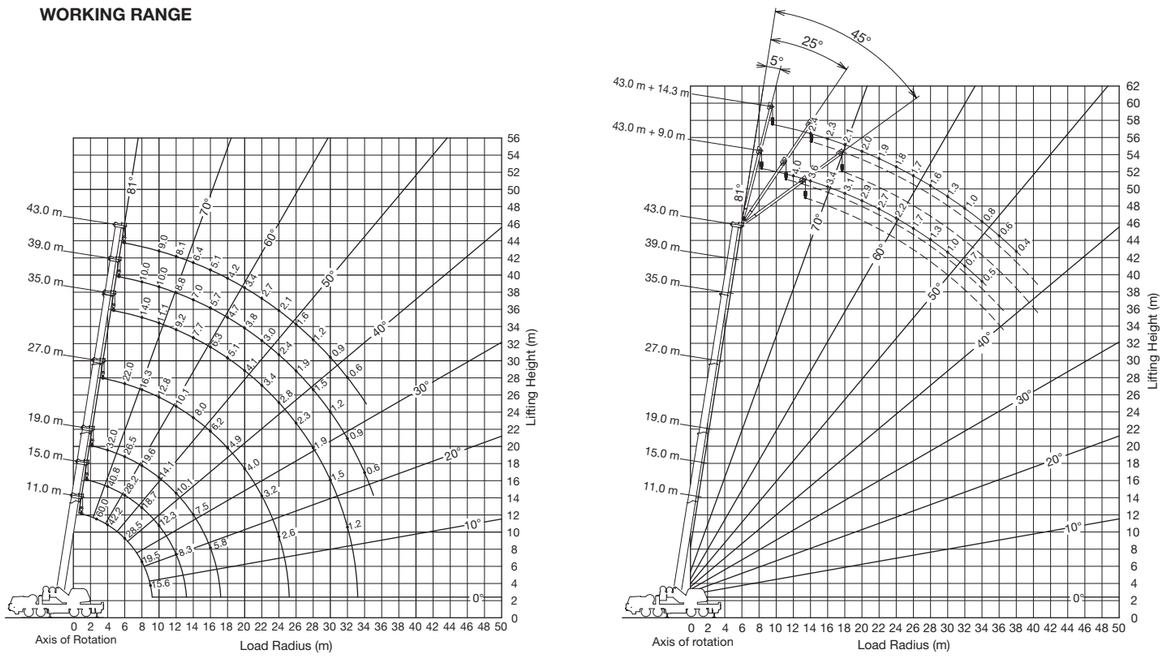
Down max. 35 %

GT-600EL

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

GT-600EL

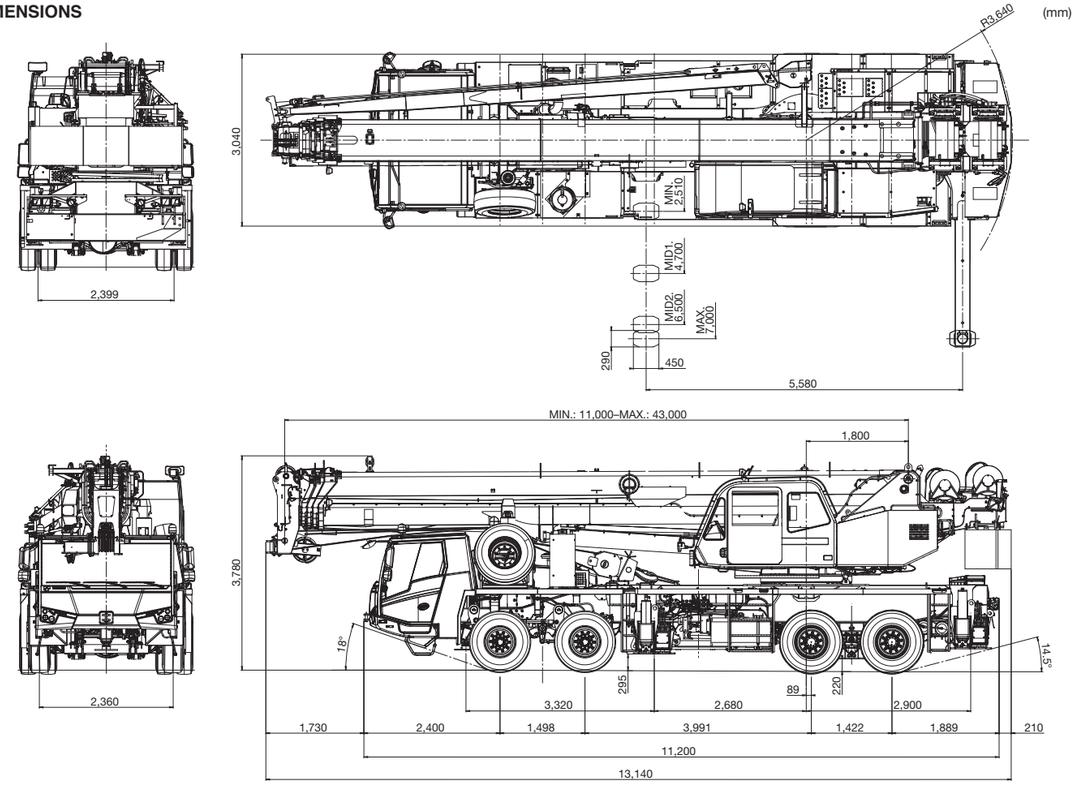
WORKING RANGE



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

DIMENSIONS

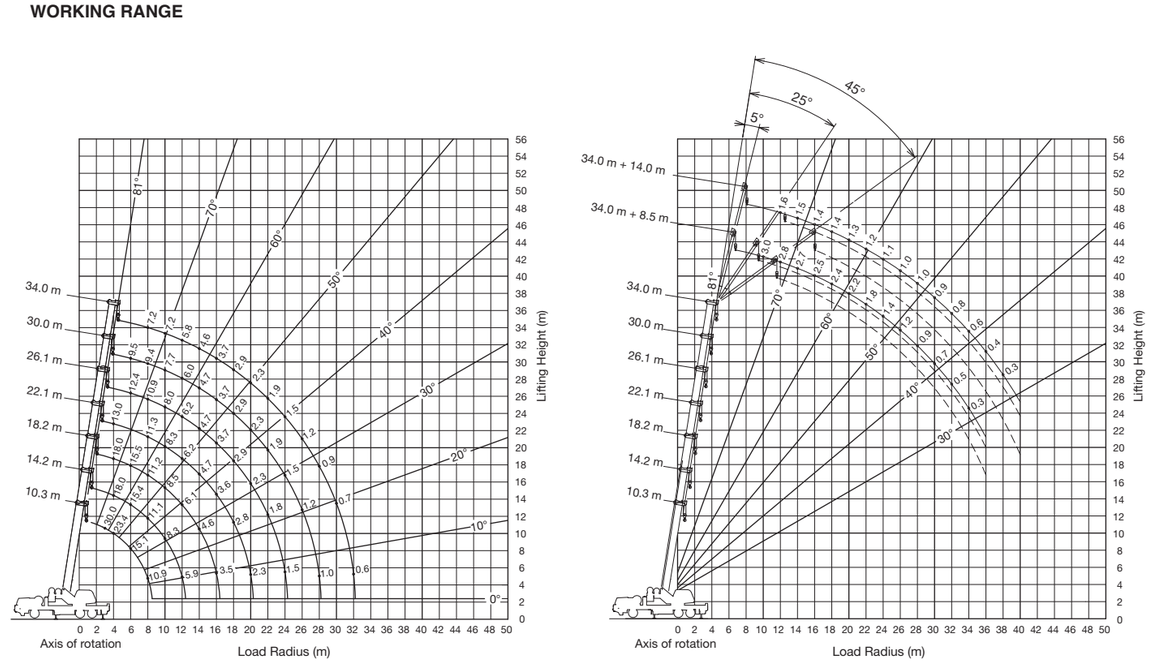
(mm)



*Some specifications are subject to change

GT-300EL

WORKING RANGE



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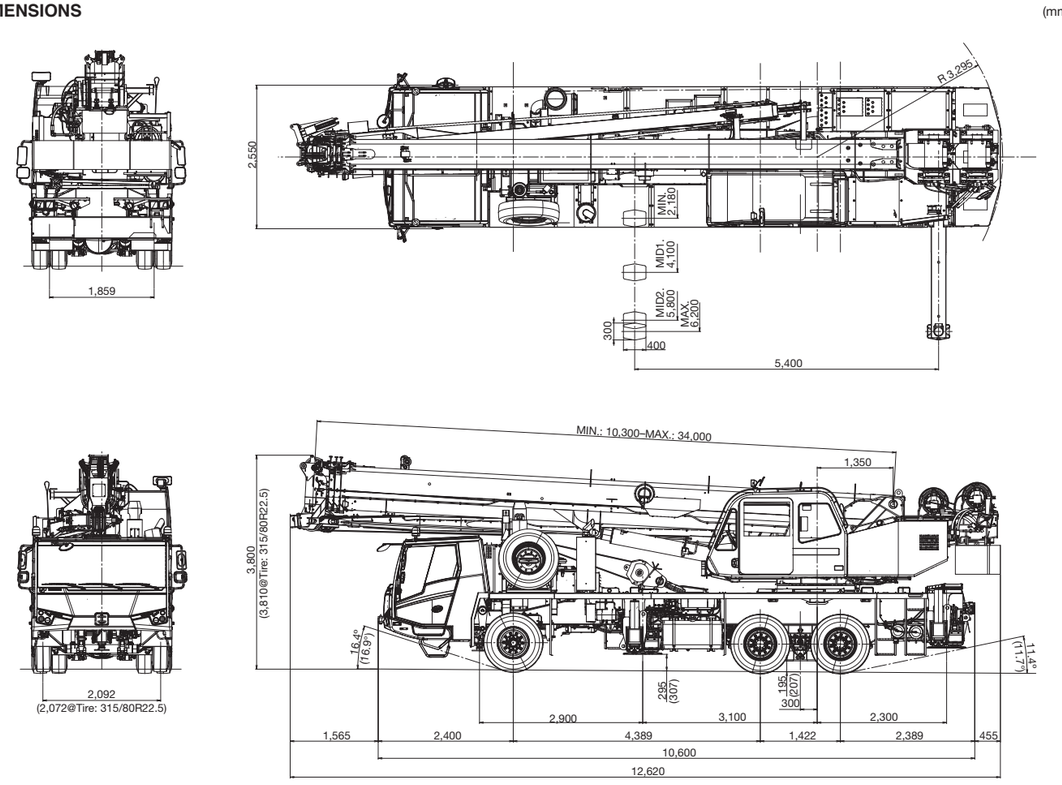

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