## GTC-800

### MACHINE WEIGHTS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTC-800 STANDARD CRANE</td>
<td>5 section - 43 m boom, full counterweight, 2 winches with wire rope,</td>
<td>79,302 kg</td>
</tr>
<tr>
<td></td>
<td>auxiliary nose sheave and 800 mm 3-bar semi grouser track shoes</td>
<td></td>
</tr>
<tr>
<td>GTC-800 STANDARD CRANE</td>
<td>5 section - 43 m boom, auxiliary winch with wire rope and 800 mm</td>
<td>49,819 kg</td>
</tr>
<tr>
<td></td>
<td>3-bar semi grouser track shoes (Counterweight removed)</td>
<td></td>
</tr>
<tr>
<td>GTC-800 STANDARD CRANE</td>
<td>with auxiliary winch with wire rope (Counterweight and track frames removed; with Carbody Jacks)</td>
<td>33,856 kg</td>
</tr>
<tr>
<td>Counterweight 6.8 t (Configuration A)</td>
<td></td>
<td>6,804 kg</td>
</tr>
<tr>
<td>Counterweight 6.8 t (Configuration B)</td>
<td></td>
<td>6,804 kg</td>
</tr>
<tr>
<td>Counterweight 1.7 t x 4 (Configuration C)</td>
<td></td>
<td>6,804 kg</td>
</tr>
<tr>
<td>Heavy Lift Jib - 2.5 m</td>
<td></td>
<td>440 kg</td>
</tr>
<tr>
<td>Jib Base - 10.1 m</td>
<td></td>
<td>919 kg</td>
</tr>
<tr>
<td>Jib Tip - 7.5 m</td>
<td></td>
<td>339 kg</td>
</tr>
<tr>
<td>Auxiliary Nose Sheave</td>
<td></td>
<td>48 kg</td>
</tr>
<tr>
<td>80 t hook block - six sheave</td>
<td></td>
<td>636 kg</td>
</tr>
<tr>
<td>50 t hook block - three sheave</td>
<td></td>
<td>462 kg</td>
</tr>
<tr>
<td>20 t hook block - one sheave</td>
<td></td>
<td>296 kg</td>
</tr>
<tr>
<td>8 t Overhaul Ball</td>
<td></td>
<td>133 kg</td>
</tr>
<tr>
<td>Carbody Jacks</td>
<td></td>
<td>1,485 kg</td>
</tr>
<tr>
<td>Track Frame with 800 mm 3-bar semi-grouser track shoe</td>
<td></td>
<td>8,494 kg</td>
</tr>
<tr>
<td>Track Frame with 800 mm flat steel track shoe</td>
<td></td>
<td>9,124 kg</td>
</tr>
</tbody>
</table>

## GTC-600

### MACHINE WEIGHTS

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>GTC-600 STANDARD CRANE</td>
<td>4 section - 38 m boom, full counterweight, 2 winches with wire rope,</td>
<td>61,606 kg</td>
</tr>
<tr>
<td></td>
<td>auxiliary nose sheave and 800 mm 3-bar semi grouser track shoes</td>
<td></td>
</tr>
<tr>
<td>GTC-600 STANDARD CRANE</td>
<td>4 section - 38 m boom, 2 winches with wire rope, auxiliary nose sheave and</td>
<td>41,998 kg</td>
</tr>
<tr>
<td></td>
<td>800 mm 3-bar semi grouser track shoes, (Counterweight removed)</td>
<td></td>
</tr>
<tr>
<td>Counterweight 6.8 t (Configuration A)</td>
<td></td>
<td>6,804 kg</td>
</tr>
<tr>
<td>Counterweight 6.8 t (Configuration B)</td>
<td></td>
<td>6,804 kg</td>
</tr>
<tr>
<td>Heavy Lift Jib - 2.5 m</td>
<td></td>
<td>440 kg</td>
</tr>
<tr>
<td>Jib Base - 10.1 m</td>
<td></td>
<td>919 kg</td>
</tr>
<tr>
<td>Jib Tip - 7.5 m</td>
<td></td>
<td>339 kg</td>
</tr>
<tr>
<td>Auxiliary Nose Sheave</td>
<td></td>
<td>48 kg</td>
</tr>
<tr>
<td>60 t hook block - six sheave</td>
<td></td>
<td>543 kg</td>
</tr>
<tr>
<td>50 t hook block - three sheave</td>
<td></td>
<td>462 kg</td>
</tr>
<tr>
<td>20 t hook block - one sheave</td>
<td></td>
<td>296 kg</td>
</tr>
<tr>
<td>8 t Overhaul Ball</td>
<td></td>
<td>133 kg</td>
</tr>
</tbody>
</table>

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http://www.tadano.com/  Email: info@tadano.com
MULTI PURPOSE CRANES: LIFTING AND FOUNDATION WORK

Most practical cranes for your job site!

GTC-800
Crane capacity: 80 t at 3.0 m
Main boom: 5-section, 11.5 m - 43.0 m
Main jib: 10.1 m
Fly jib: 17.7 m
Maximum lifting height: 42.1 m (Main boom)
52.9 m (Main boom + Main jib)
60.4 m (Main boom + Fly jib)
Maximum load radius:
40.0 m (Main boom)
50.0 m (Main boom + Main jib)
55.0 m (Main boom + Fly jib)

GTC-600
Crane capacity: 60 t at 3.0 m
Main boom: 4-section, 11.5 m - 38.0 m
Main jib: 10.1 m
Fly jib: 17.7 m
Maximum lifting height: 38.2 m (Main boom)
47.6 m (Main boom + Main jib)
55.5 m (Main boom + Fly jib)
Maximum load radius:
32.0 m (Main boom)
40.0 m (Main boom + Main jib)
45.0 m (Main boom + Fly jib)

Assist Cylinders for Jib
When mounting and stowing the fly jib, two assist hydraulic cylinders ensure safe and efficient operation.

Jib Interlock System
Interlock jib pinning system ensures safer and quicker jib mounting and stowing procedure.

The pivot pin that holds the jib to the boom is part of the interlocking system.

Tiltable Cab

Remote Controller

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GTC-800
Crane capacity: 80 t at 3.0 m
Main boom: 5-section, 11.5 m - 43.0 m
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Fly jib: 17.7 m
Maximum lifting height: 42.1 m (Main boom)
52.9 m (Main boom + Main jib)
60.4 m (Main boom + Fly jib)
Maximum load radius:
40.0 m (Main boom)
50.0 m (Main boom + Main jib)
55.0 m (Main boom + Fly jib)

GTC-600
Crane capacity: 60 t at 3.0 m
Main boom: 4-section, 11.5 m - 38.0 m
Main jib: 10.1 m
Fly jib: 17.7 m
Maximum lifting height: 38.2 m (Main boom)
47.6 m (Main boom + Main jib)
55.5 m (Main boom + Fly jib)
Maximum load radius:
32.0 m (Main boom)
40.0 m (Main boom + Main jib)
45.0 m (Main boom + Fly jib)
**TELESCOPIC BOOM CRAWLER CRANE**

**BENEFITS OF TELESCOPIC BOOM CRAWLER CRANES**

- **Quick & Safer Set Up**
- **Maximum Pick & Carry Capacity at 360°**
- **Compact Work Dimension**
- **Low Ground Bearing Pressure**
- **Less Transportation Costs**

**GENUINE PICK & CARRY DESIGN**

Level ground load charts available up to 1.5° slope!

Load chart at 4° slope is top in class!

- **Pick & Carry Load chart at 4° slope is top in class!**

Even at 4° slope the GTC maintains 85% of level ground capacity!

*When tracks fully extended*
New Features

Quality

The GTC series cranes utilize the best designs from Tadano engineers around the world to improve performance, quality and reliability. Incorporating such components as winches, jibs, and boom elevating cylinders from Tadano Japan.

Long Boom and Enhanced Lifting Capacity

The GTC booms are purpose designed and manufactured for telescopic boom crawlers by Tadano Japan.

Multi Cylinder Boom System

Boom system consists of multi double acting hydraulic cylinders.

Two powerful winches

Grooved drums, cable followers and 3rd wrap shutdown are standard.

Tough & Durable Design

Simple control system. Class exceeding larger boom sections and boom head, stronger telescopic cylinder.

Track frame

Purpose design track frame design incorporating full use of FEM analysis ensuring high rigidity.

Retains all of the beneficial features of the GTC Series

- Pick & Carry the load on uneven and rough terrain around 360 degrees slew conditions
- Pick & Carry the load with track retracted position*
- Telescope under full load lifting capacity
- Automatic switching load charts for operation up to 4 degrees out of level
- Use of foundation attachments such as vibratory hammer**

*Counterweight needs to be installed.
**TADANO MANTIS Guidelines for vibratory hammer use must be followed.

Powerful engine, pump and track drive motor.

Crane Engine: 6-cylinder cummins QSB 6.7

- Tier3, Euromot stage IIIA
  - 194kW at 2,200 rpm, max. torque 987 Nm at 1,500 rpm
- Tier4f, Euromot stage IV
  - 231kW at 2,200 rpm, max. torque 1,044 Nm at 1,500 rpm

Carbody frame

Purpose design rugged carbody frame with strong track extension cylinders.

High power engine provides superior travel and multi-function performance
**Load Moment Indicator [AML-C]**
AML-C allows the operator to simultaneously monitor: boom angle, boom length, crane inclination angle, track extension width, counterweight configuration, rated lifting capacity and hook load. While traveling under load, the crane inclination can be displayed and the AML-C provides the corresponding rated lifting based on actual inclination.

The operator configurable work range limit function warns the operator and provides function soft stop when the crane approaches the pre-registered boom angle (upper limit, lower limit), lifting height, load radius and swing angle.

**Optimized lifting performance for reduced width configurations.** Reduced width, asymmetric track setup can give significant capacity improvements when compared to symmetrical track width settings.

**OPTIMUM lifting performance at any track WIDTH!**
Optimized lifting performance for reduced width configurations. Reduced width, asymmetric track setup can give significant capacity improvements when compared to symmetrical track width settings.

**Mid Mid**

Asymmetric track setup can increase capacity over the side up to 67%

**Max Min**

Front zone chart
Rear zone chart

4.41m 4.41m

Winch, Rear and Side View Color Monitor ①

Load Moment Indicator [AML-C] ②

Maintenance Reminder Function ③

Operator can preset the maintenance reminder function on the control screen by selecting the required maintenance items and engine hours from 50 hours up to 2,000 hours.

**Travel Mode**
Select travel mode by either using the touch screen or pushing a button on the control screen, right joystick acts as a travel controller for improved operability.

**Wide Steps and Foldable Handrails**

**Wide Access Walkways**

**3 Rotation Work Lights**

**Steel Flat Shoes**

*optional*
Self-removable counterweight
Counterweight can be hydraulically installed/removed by operating remote controller without the need of a support crane.

Three counterweight configurations can be selected.

<table>
<thead>
<tr>
<th>Configuration</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot; 10.6 t</td>
<td></td>
</tr>
<tr>
<td>&quot;B&quot; 21.2 t</td>
<td></td>
</tr>
<tr>
<td>&quot;C&quot; 31.8 t</td>
<td></td>
</tr>
</tbody>
</table>

GTC-800: A, B, C
GTC-600: A, B

Remote Controller
Counterc weight, carbody jack, assist cylinders for jib

Easy Track Frame Removal Self Erect System
Track frames and track extend beams can be easily unlocked and locked without the need of tools or heavy lifting by our patented system.

Telematics with HELLO-NET System
HELLO-NET System is an Internet-based crane management system capable of simultaneously monitoring crane location and operating conditions. Service areas differ according to individual countries.

Monitoring machine information from your computer
1. Work History
HELLO-NET Owner’s Site displays the day-to-day operational status, mileage and remaining fuel for each machine equipped with a communication terminal. In addition, you can view a list displaying the number of hours of operation and the mileage of all your machines for any specified month.

2. Machine Position Data
Using HELLO-NET Owner’s Site, you can check a machine’s latest position (up until the previous day) on a map. Two types of position data are transmitted automatically from your machine once a day. Work Site: The location where the machine engine has been activated (for one hour or more). Position at Day’s End: The final location data from the GPS which was received on a given day.

3. Maintenance Information
You can check the maintenance timetable of your machines for periodical replacement parts and inspection schedule. HELLO-NET supports the maintenance of your machine.

3D Lift Plan
Customize 3D lift simulation at your fingertips for FREE*. Easy access and user friendly webpage allows you to calculate crane configurations and ground bearing pressure simultaneously. Moreover, you can print out detailed configurations and 3D graphics to further support your work preparation.

*Advanced customize functions will be extra.
WORK APPLICATIONS

Powerline Transmission & Construction

Foundation & Foundation Support

Powerline Utility

Mining

Pipeline Construction

General Construction