GTC-350

TELESCOPIC BOOM CRAWLER CRANE

MACHINE WEIGHTS

<table>
<thead>
<tr>
<th>STANDARD CRANE</th>
<th>31,802 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>with 3 sections - 27.2 m boom, 5,670 kg counterweight, Main winch with wire rope, and 750 mm 3-bar semi grouser track shoes</td>
<td></td>
</tr>
</tbody>
</table>

OPTIONAL EQUIPMENT

<table>
<thead>
<tr>
<th>Extendable jib - 7.2 m to 12.8 m (Offset Angles 5°, 25° &amp; 45°)</th>
<th>630 kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auxiliary Nose Sheave</td>
<td>44 kg</td>
</tr>
<tr>
<td>Auxiliary Winch with 91.4 m wire rope</td>
<td>521 kg</td>
</tr>
<tr>
<td>35 t hook block - four sheaves</td>
<td>420 kg</td>
</tr>
<tr>
<td>4 t overhaul ball</td>
<td>113 kg</td>
</tr>
</tbody>
</table>

GTC-350-1-E-19-1-01-83-571-A
Printed in Japan
TADANO LTD.  (International Sales Division)
4-12, Kamezawa 2-chome, Sumida-ku Tokyo 130-0014, Japan
Phone: +81-3-3621-7750  Fax: +81-3-3621-7785
http://www.tadano.com/  E-mail: info@tadano.com

TADANO MANTIS Corporation
1705 Columbia Avenue, Franklin, Tennessee 37064, U.S.A.
Phone: +1-800-272-3325  Fax: +1-615-790-6803
http://www.mantiscranes.com/  E-mail: tmcsales@tadano.com
MULTI PURPOSE CRANES: LIFTING AND FOUNDATION WORK

Most practical cranes for your job site!

Crane capacity

35 t

TELESCOPIC BOOM CRAWLER CRANE

GTC-350

Crane capacity: 35 t at 3.0 m
Main boom: 3-section,
10.9 m - 27.2 m
Main jib: 7.2 m
Fly jib: 12.8 m
Maximum lifting height:
26.4 m (Main boom)
33.4 m (Main boom + Main jib)
38.9 m (Main boom + Fly jib)
Maximum load radius:
24 m (Main boom)
32 m (Main boom + Main jib)
38 m (Main boom + Fly jib)

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

GTC-350

Crane capacity: 35 t at 3.0 m
Main boom: 3-section,
10.9 m - 27.2 m
Main jib: 7.2 m
Fly jib: 12.8 m
Maximum lifting height:
26.4 m (Main boom)
33.4 m (Main boom + Main jib)
38.9 m (Main boom + Fly jib)
Maximum load radius:
24 m (Main boom)
32 m (Main boom + Main jib)
38 m (Main boom + Fly jib)
**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 even on 4 degree slope*

Even at 4° slope the GTC maintains 83% of level ground capacity!

*When tracks fully extended*
PRODUCT CONCEPTS

New Features

Quality
The GTC series utilizes superior designs from Tadano’s global engineering team incorporating proven components from Tadano Japan, such as jibs, winches, and cylinders to achieve improved quality, performance, and reliability.

Long Boom and Enhanced Lifting Capacity
The GTC booms are purpose designed and manufactured for telescopic boom crawlers by Tadano Japan.

Full power boom system
Robust double acting hydraulic cylinder allows telescoping of all rated loads.

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

Retains all of the beneficial features of the GTC Series
- Pick & Carry the load on uneven and rough terrain through 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*

Quality
The GTC series utilizes superior designs from Tadano’s global engineering team incorporating proven components from Tadano Japan, such as jibs, winches, and cylinders to achieve improved quality, performance, and reliability.

Long Boom and Enhanced Lifting Capacity
The GTC booms are purpose designed and manufactured for telescopic boom crawlers by Tadano Japan.

Full power boom system
Robust double acting hydraulic cylinder allows telescoping of all rated loads.

Powerful winch
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.

Powerful engine, pump and track drive motor.
Crane Engine: 4-cylinder Cummins QSB 4.5
- Tier3, Euromot stage IIIA
  (129kW at 2,200 rpm, max. torque 705 Nm at 1,500 rpm)
- Tier4f, Euromot stage IV
  (129kW at 2,200 rpm, max. torque 705 Nm at 1,500 rpm)

Purpose design rugged carbody frame with strong track extension cylinders.

High power engine provides superior travel and multi-function performance

Track frame
Purpose design track frame design incorporating full use of FEM analysis ensuring high strength and durability.

* TADANO MANTIS Guidelines for vibratory hammer use must be followed.

Quality
The GTC series utilizes superior designs from Tadano’s global engineering team incorporating proven components from Tadano Japan, such as jibs, winches, and cylinders to achieve improved quality, performance, and reliability.

Long Boom and Enhanced Lifting Capacity
The GTC booms are purpose designed and manufactured for telescopic boom crawlers by Tadano Japan.

Full power boom system
Robust double acting hydraulic cylinder allows telescoping of all rated loads.

Powerful winch
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.

Powerful engine, pump and track drive motor.
Crane Engine: 4-cylinder Cummins QSB 4.5
- Tier3, Euromot stage IIIA
  (129kW at 2,200 rpm, max. torque 705 Nm at 1,500 rpm)
- Tier4f, Euromot stage IV
  (129kW at 2,200 rpm, max. torque 705 Nm at 1,500 rpm)

Purpose design rugged carbody frame with strong track extension cylinders.

High power engine provides superior travel and multi-function performance

Track frame
Purpose design track frame design incorporating full use of FEM analysis ensuring high strength and durability.

* TADANO MANTIS Guidelines for vibratory hammer use must be followed.
Optimized lifting performance for reduced width configurations. Reduced width, asymmetric track setup can give significant capacity improvements when compared to symmetrical track width settings.

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.

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

Operate the crane at any track width.

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.

Maximize productivity on a confined job site. The GTC-350 excels in areas with low overhead clearance, challenging access, or tight working conditions.

Compact design

Winch, Rear and Side View Color Monitor

Load Moment Indicator [AML-C]

Maintenance Reminder Function

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.
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.

Details: The availability of data communications systems, such as satellite or mobile communications differ according to individual countries. There are some countries where the system itself is not in use. For details, please contact your distributor or our sales staff.

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.

*3D Lift Plan is a product of A1A Software LLC.
**Advanced customize functions will be extra.

Complete Auger Package
Includes circuit, hoses, fasteners, stowage bracket, two-speed auger motor and 2 pieces of kelly bar.

Work Platform
Work Platform can be fitted to the boom head or first section of boom extension. Heavy duty all steel construction with non-skid floor, Self-leveling platform with position locking pin, Tool storage racks and interior handrails inside. By selecting Work Platform Chart, permissible operating range will be monitored by the load moment indicator. It also comes with DC hydraulic pump integrated into the crane system to lower and retract the boom with Work Platform to the ground in the event of main hydraulic system failure.

Clip on Polyurethane Flat Pads
Clip on polyurethane flat pads can be easily installed/removed on top of the standard 3-bar semi grouser shoes.

Hydraulic Tool Circuit
Provides 23 L/min and 45 L/min at 176 bar through a 15.2 m twin hose reel with quick disconnect fittings.

Please contact the Tadano distributor and/or sales base for the availability in your area.
WORK APPLICATIONS

Powerline Transmission & Construction

Storage Tank Building

Note: "Work platform option only available in approved markets. Please contact your Tadano representative to confirm availability."