

GTC-800

| MACHINE WEIGHTS | |
|---|-----------|
| STANDARD CRANE with 5 section - 43 m boom, full counterweight, 2 winches with wire rope, auxiliary nose sheave and 800 mm 3-bar semi grouser track shoes | 79,302 kg |
| STANDARD CRANE with 5 section - 43 m boom, auxiliary winch with wire rope and 800 mm 3-bar semi grouser track shoes (Counterweight removed) | 49,819 kg |
| STANDARD CRANE with auxiliary winch with wire rope (Counterweight and track frames removed; with Carbody Jacks) | 33,956 kg |
| Counterweight 6.8 t (Configuration A) | 6,804 kg |
| Counterweight 6.8 t (Configuration B) | 6,804 kg |
| Counterweight 1.7 t x 4 (Configuration C) | 6,804 kg |
| Heavy Lift Jib - 2.5 m | 440 kg |
| Jib Base - 10.1 m | 919 kg |
| Jib Tip - 7.5 m | 339 kg |
| Auxiliary Nose Sheave | 48 kg |
| 80 t hook block - six sheave | 636 kg |
| 50 t hook block - three sheave | 462 kg |
| 20 t hook block - one sheave | 296 kg |
| 8 t Overhaul Ball | 133 kg |
| Carbody Jacks | 1,485 kg |
| Track Frame with 800 mm 3-bar semi-grouser track shoe | 8,494 kg |
| Track Frame with 800 mm flat steel track shoe | 9,124 kg |

GTC-600

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



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Lifting your dreams

TELESCOPIC BOOM CRAWLER CRANE

GTC-800 GTC-600

80 METRIC TON CAPACITY

60 METRIC TON CAPACITY



*The GTC-800/600:
 High Quality We Are Proud Of*



MULTI PURPOSE CRANES: LIFTING AND FOUNDATION WORK

*Most practical cranes
for your job site!*

Crane capacity
80 t

Crane capacity
60 t



GTC-800

GTC-600

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.



Tilttable Cab



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)



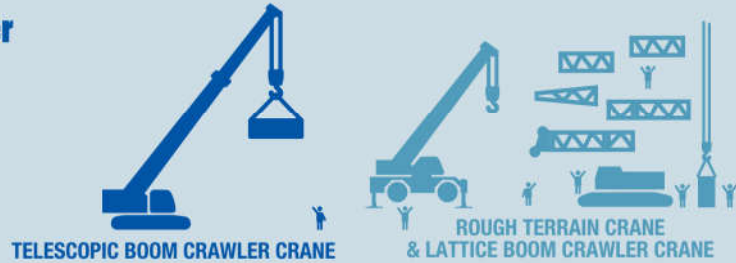
GTC-600

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)

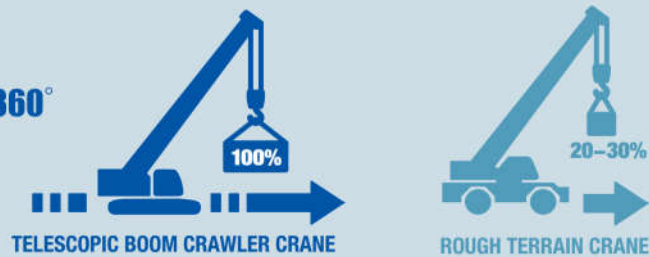


BENEFITS OF TELESCOPIC BOOM CRAWLER CRANES

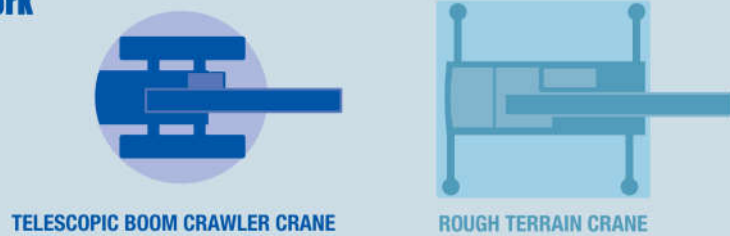
Quick & Safer Set Up



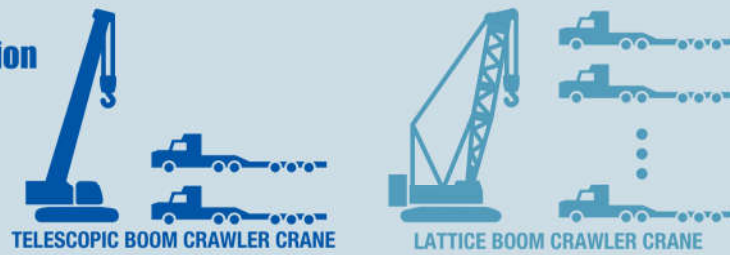
Maximum Pick & Carry Capacity at 360°



Compact Work Dimension Low Ground Bearing Pressure

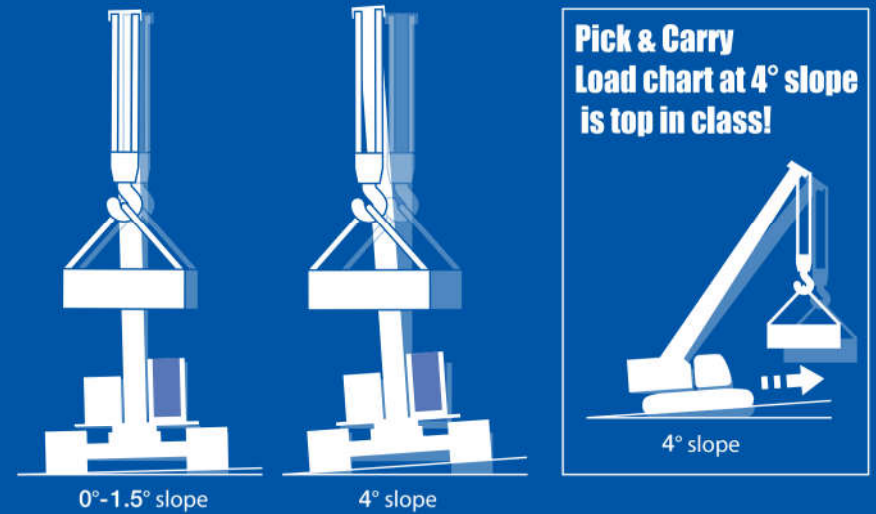


Less Transportation Costs



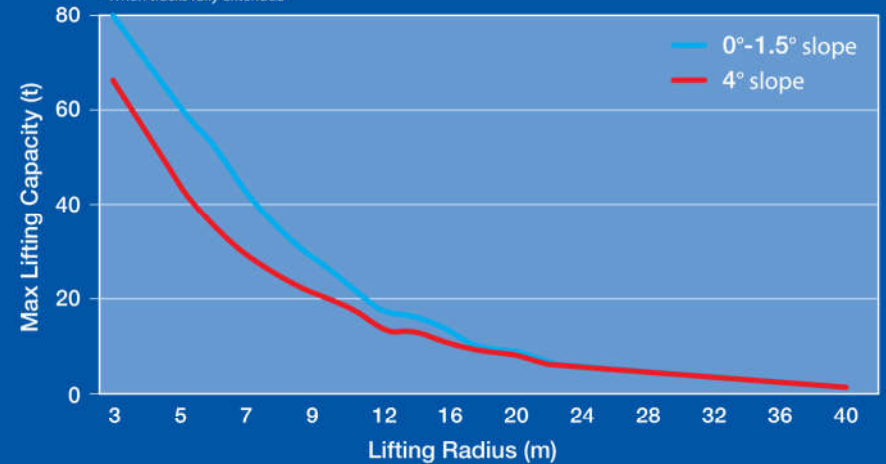
GENUINE PICK & CARRY DESIGN

Level ground load charts available up to 1.5° slope!
Load chart at 4° slope is top in class!



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.



Retains all of the beneficial features of the GTC Series

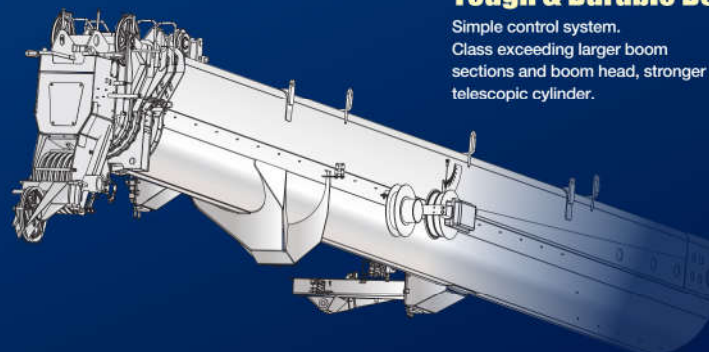
- Pick & Carry the load on uneven and rough terrain around 360 degrees slew conditions
- Pick & Carry the load with track retracted position*
- Telescope under full load lifting capacity
- Automatic switching load charts for operation up to 4 degrees out of level
- Use of foundation attachments such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

*Counterweight needs to be installed.

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

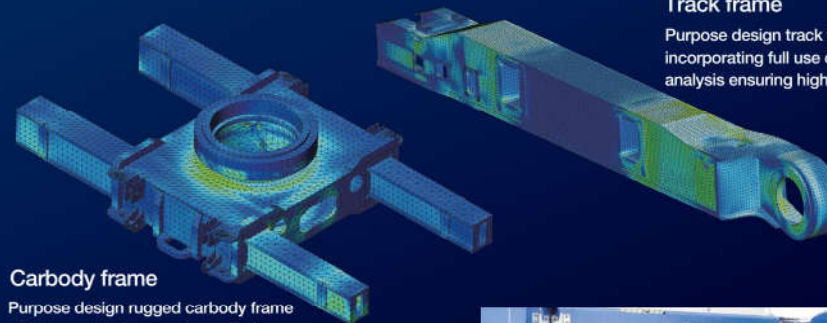
Tough & Durable Design

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.



Carbody frame

Purpose design rugged carbody frame with strong track extension cylinders.

High power engine provides superior travel and multi-function performance

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)



PRODUCT FEATURES



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.

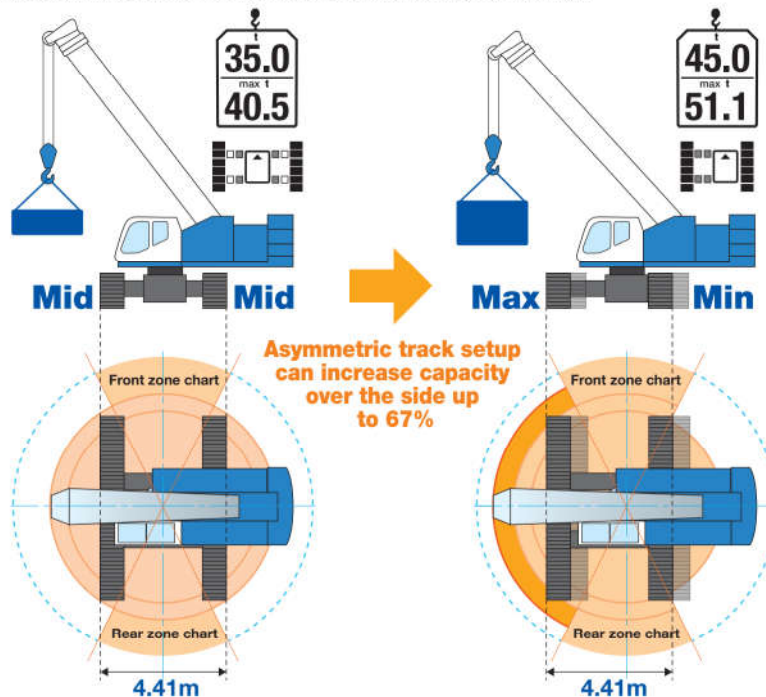


AML lamp



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.



Winch, Rear and Side View Color Monitor (1)



Winch page, monitor display



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 (4)

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.

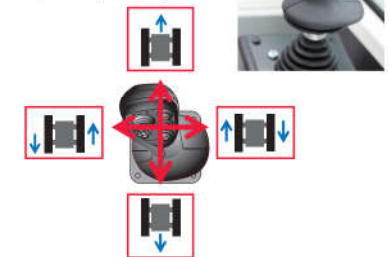


Photo: GTC-600

Wide Steps and Foldable Handrails



Wide Access Walkways



3 Rotation Work Lights



Steel Flat Shoes (optional)



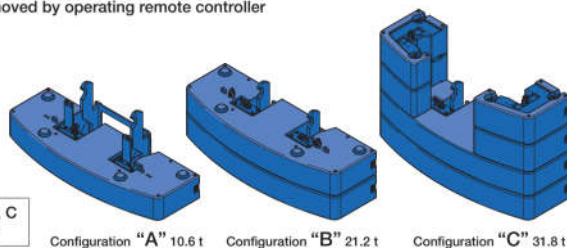
Self-removable counterweight

Counterweight can be hydraulically installed/removed by operating remote controller without the need of a support crane.



Three counterweight configurations can be selected.

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



Configuration "A" 10.6 t Configuration "B" 21.2 t Configuration "C" 31.8 t



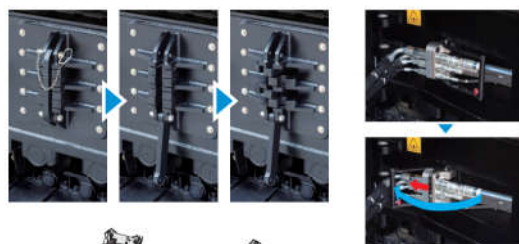
Remote Controller

Counterweight, 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.

(*Optional: GTC-800 only)

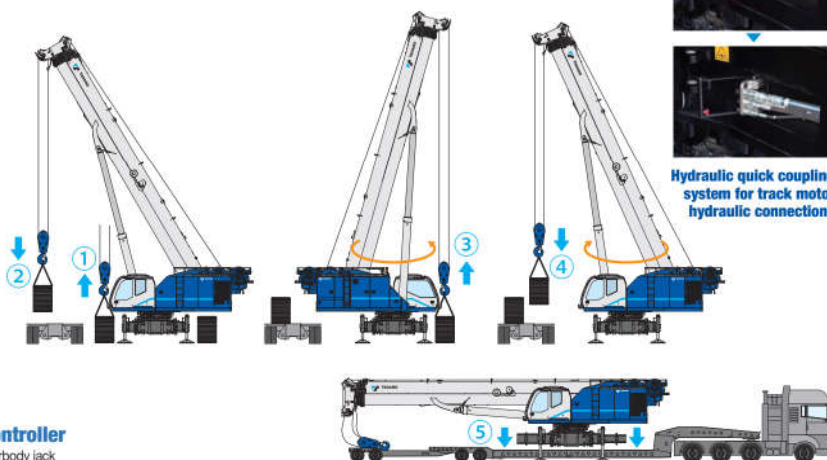


Hydraulic quick coupling system for track motor hydraulic connections



Remote Controller

Track beams, carbody jack



Telematics with HELLO-NET System

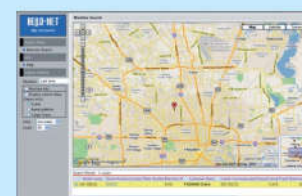
HELLO-NET System is an Internet-based crane management system capable of simultaneously monitoring crane location and operating conditions. Service areas differ according to individual countries.



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.

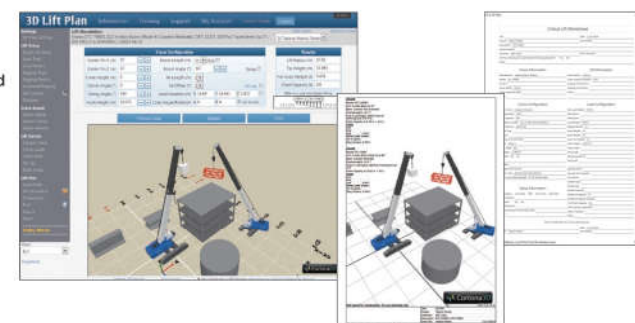


Telematics (machine data logging and monitoring system) with HELLO-NET via internet (*availability depends on countries).
Details: The availability of data communications systems, such as satellite or mobile communications differ according to individual countries. There are some countries where the system 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.

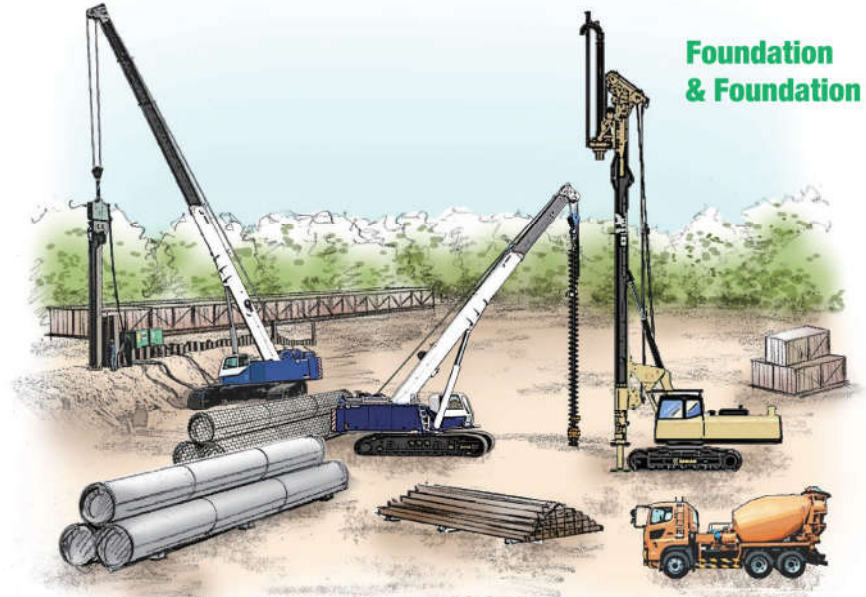


WORK APPLICATIONS

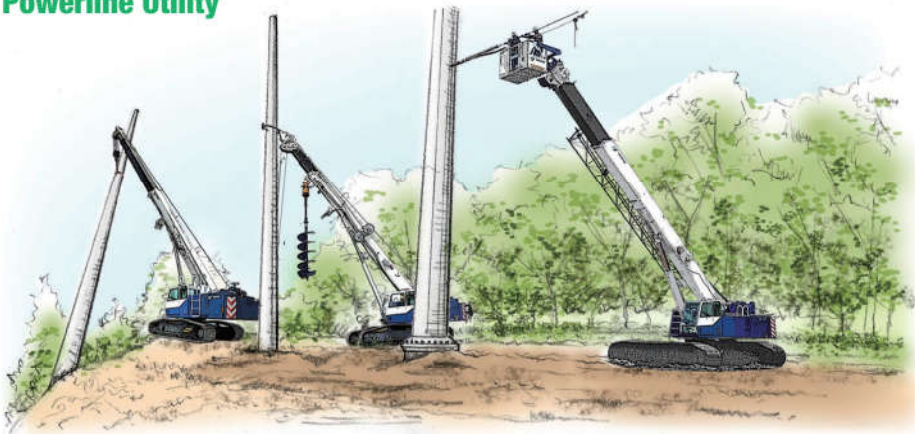
**Powerline Transmission
& Construction**



**Foundation
& Foundation Support**



Powerline Utility



Mining



**Pipeline
Construction**



**General
Construction**

