

# **ROUGH TERRAIN CRANE 70 UST CAPACITY**



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# POWER IS IN YOUR HANDS

## FULL CONTROL. New TEOS Operating System

10" full-color touch screen display with intuitive interface

Ergonomic electro-proportional joysticks with adjustable responsiveness to operator preferences

## HIGH VERSATILITY

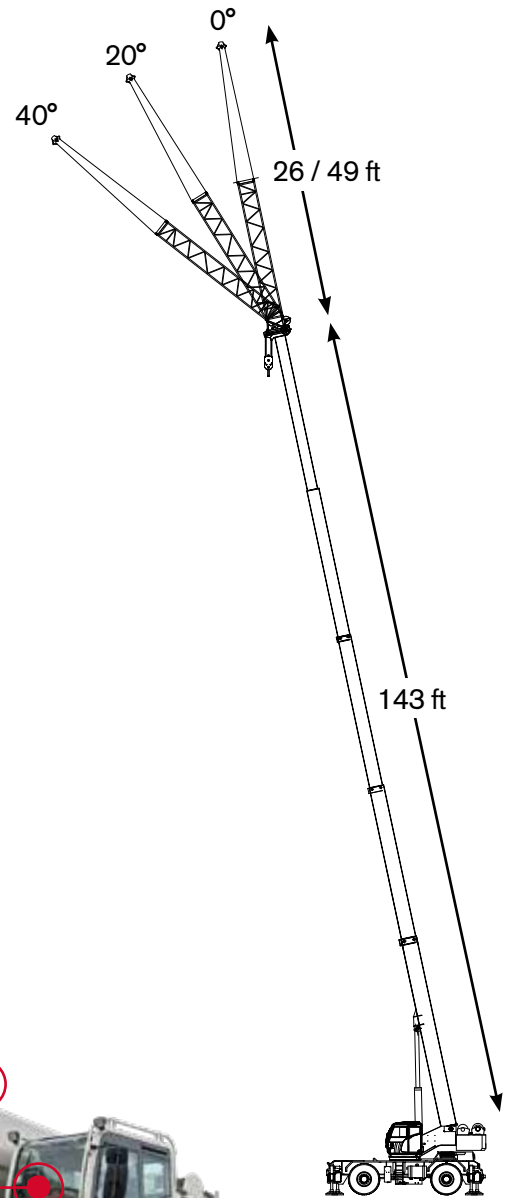
70 USt lifting capacity

143 ft max boom length with three boom telescoping modes

151 ft max tip height main boom

Additional 2-section jib of 26/49 ft

200 ft max tip height with jib



## WIDE RANGE OF OPTIONS

Additional 2-section jib of 26/49 ft and single sheave

Auxiliary winches

Up to 4 cameras for enhanced visibility, integrated on main display

T-Link Telematics platform

Radio remote control

## EASY TO HANDLE

Easy to transport and maneuver

Only 9.8 ft width

Four steering modes

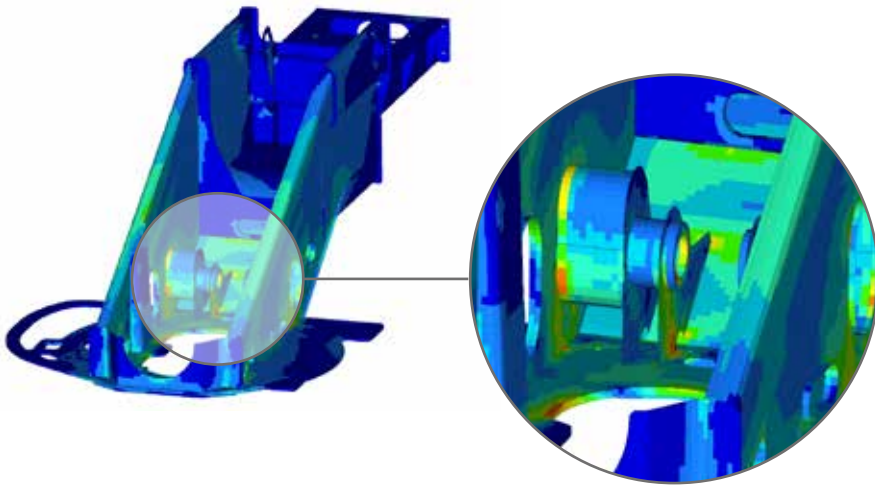
## GREAT COMFORT, EXCELLENT VISIBILITY

Extra wide and tiltable cabin with large glass surface. No blind spots.

Integrated heating and air conditioning system

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# THE STRONGEST STRUCTURE DESIGNED FOR HEAVY LIFTS



## The strongest crane structure

Full crane structural and component FEM\* analyses have been developed to deliver the best structural design, capable of delivering reliable performance, even in the most demanding applications.

\*FEM: Finite Element Method

## 3 boom modes

The crane operator has the choice of three boom extension modes to meet different lifting needs.



Stability



Strength



Proportional

## 4 steering modes

For superior maneuverability around the jobsite, the crane offers 4 different steering modes.



2 wheel-front



2 wheel-rear



4 wheel-concentric



4 wheel-crab

# HIGH POWER, LOW FUEL CONSUMPTION WITH IMPROVED ENGINE DESIGN

## Cummins QSB6.7 Tier 4 Final/Stage V engine

The Cummins QSB6.7 Tier 4 Final/Stage V 6-cylinder engine delivers high-performance speed and hoisting capabilities. The new *anti-stall control* precisely controls power and speed to offer the lowest fuel consumption.

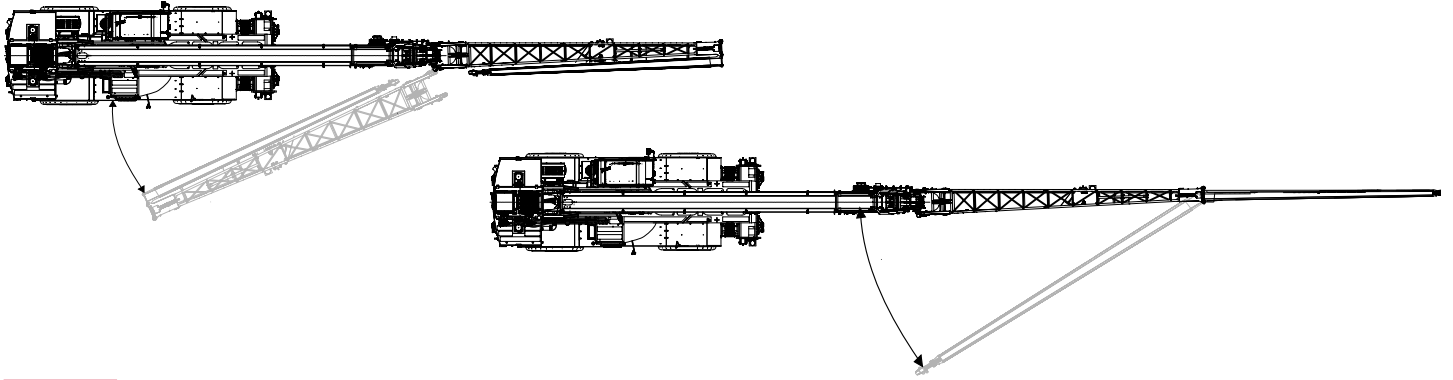
## EcoMode: reduce fuel consumption

EcoMode employs automatic engine throttle to optimize power during crane operation and stand-by to lower fuel consumption.

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## OPTIONAL 26/49-FT JIB.

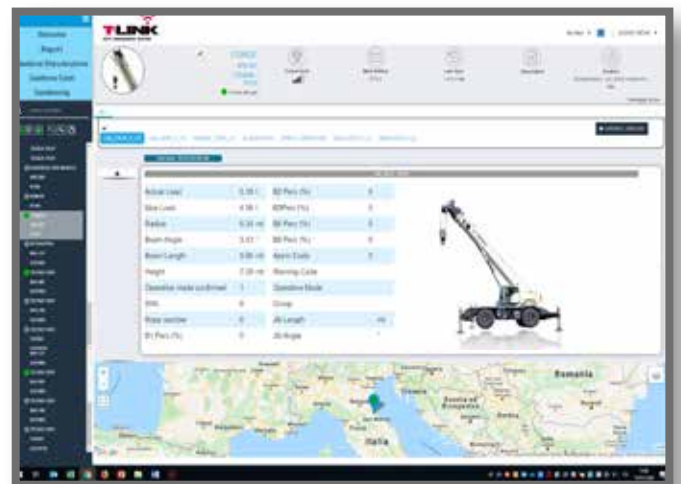
The TRT 70US features an optional 2-section jib with a 26-ft lattice main section and 23-ft secondary boxed section, providing a total length of 49 ft. Jibs are stowed on the crane's side and easily attached to the main boom.



## T-LINK TELEMATICS PLATFORM

The T-Link Telematics Platform allows remote access of crane fleet operating data anytime, anywhere via the internet from your computer, smartphone or tablet.

- ▶ **Cost savings and increased of productivity**  
Thanks to T-Link, cost savings and increased productivity can be achieved in all applications.
- ▶ **Better management of maintenance and technical assistance**  
Remote monitoring delivers critical vehicle operating data and statistics. Routine maintenance can be scheduled more efficiently and unexpected issues are quickly addressed.
- ▶ **Fleet control**  
Using the *Geofence* function, each crane's position is monitored, and the owner is notified in the event the crane leaves its set boundary.
- ▶ **Improved machine management, statistics and real-time data**  
A wide range of *real-time operating data* and *fault-codes* are reported to assess fleet performance. The machine's *Data logger* section collects detailed machine information, such as working hours, load lifting statistics, alarm history, etc.



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# TEOS NEW TEOS OPERATING SYSTEM



The new **Terex Operating System TEOS** offers improved information flow and accessibility to increase operating efficiency.

▶ **10" full-color touch screen display**

The new user interface with wide 10" full-color touch screen display features self-explanatory and intuitive icons.

▶ **Intuitive navigation**

Based on extensive customer feedback, information access is quick and easy. The primary and most frequently used functions are immediately accessible, and intuitive controls ensure a short learning curve for new crane operators.

▶ **Diagnostics**

Error messages and warnings are within easy view for enhanced safety. A dedicated menu for diagnostics gives immediate feedback on crane, main component and sensor operating status.

▶ **Options included**

Optional cameras are incorporated in the main display: the operator has full control of the crane from all points of view via a single display. Status of the radio remote control and T-Link platform options can also be seen on the main display.



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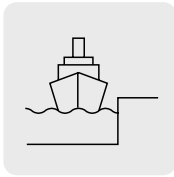
## **Customizable electro-proportional joysticks**

As desired, the operator can customize the buttons and fine-tune the responsiveness of all crane movements – smoother or prompt reaction – to meet personal preferences. Multiple personal configurations can be saved.

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# KEY APPLICATIONS

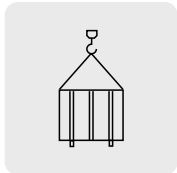
The versatility of our rough terrain cranes allow us to cater for a number of applications, including:



SHIPYARDS



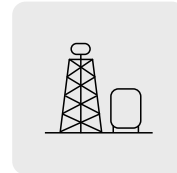
CONSTRUCTION



SHIPPING  
& LOGISTICS



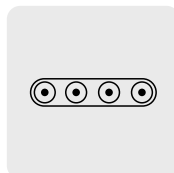
MILITARY



OIL & GAS



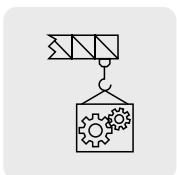
POWER  
PLANTS



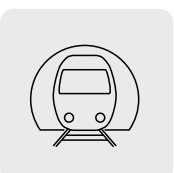
MOBILE  
EQUIPMENT  
COMMISSIONING



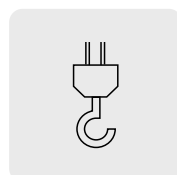
MATERIAL  
HANDLING



MAINTENANCE  
WORKS



ROADS & RAILWAYS  
CONSTRUCTION



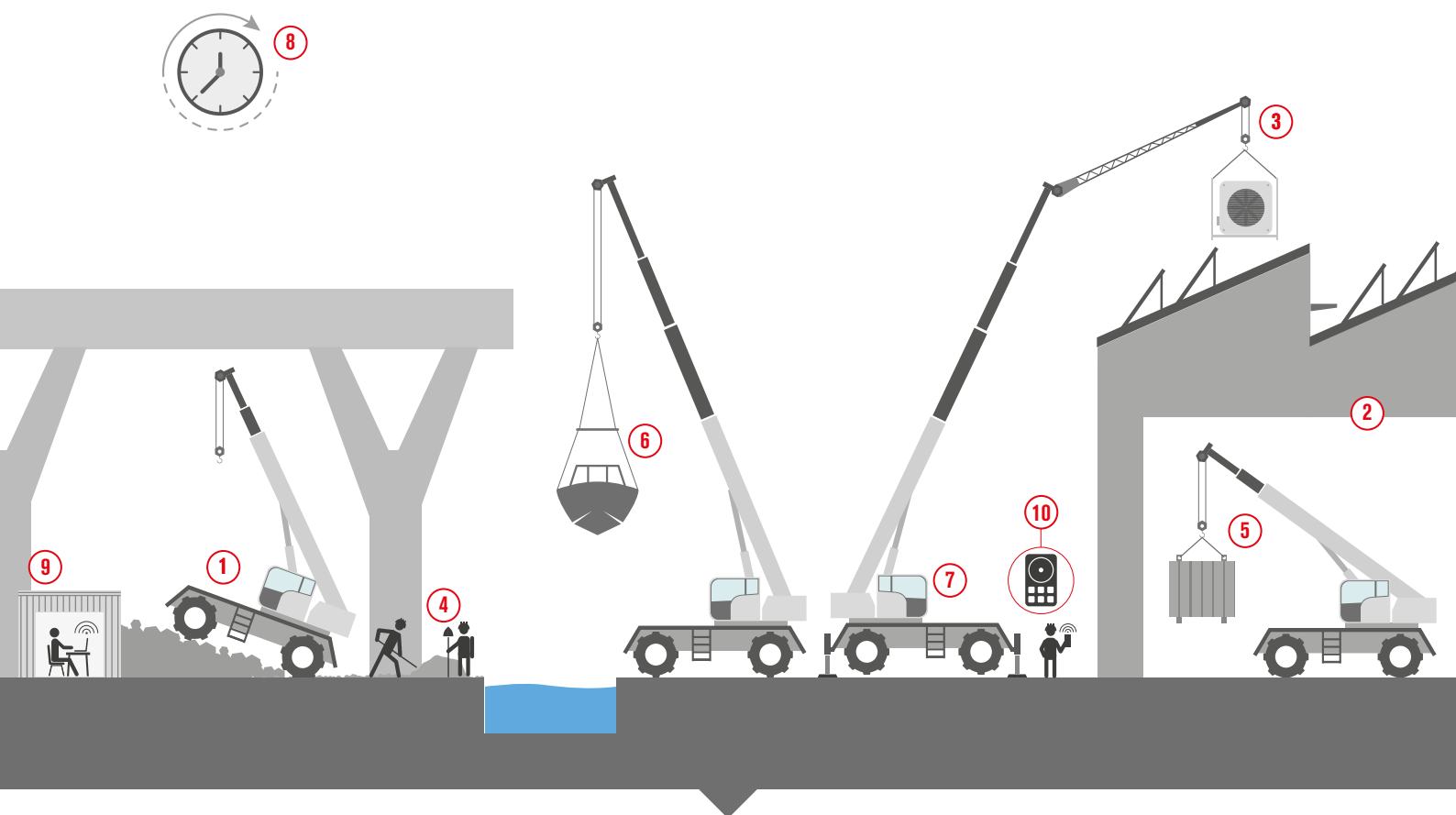
GENERAL  
LIFTING  
APPLICATIONS



MINING

## WHY SHOULD YOU CHOOSE A TEREX RT?

- ▶ To work on undeveloped sites or with unpaved roads
- ▶ To work inside buildings or within limited spaces
- ▶ In need of a crane on site for more than a week
- ▶ Combination of pick and carry ability and high lifting performance on outriggers
- ▶ For new to experienced operators
- ▶ Multiple lifting requirements



## TEREX ROUGH TERRAIN CRANES AT A GLANCE

1. No matter the ground type or condition, Terex RT are highly efficient; a real ALL Terrain crane
2. A versatile machine for indoor use thanks to its compact dimensions and zoning system
3. Jib availability to reach the more demanding spots on top of the buildings
4. No matter how crowded and narrow the lift area, you can always find the right safe spot
5. Pick and carry capability enables you to lift and carefully place loads at a distance
6. High lift capacity and compact crane dimensions, the perfect compromise
7. Single cabin design with an easy-to-use, intuitive control system
8. Increases the value of your investment over time
9. Terex T-Link telematics platform gives you the freedom to be in control of your fleet data anytime, anywhere
10. Remote control available to perform lifts

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# TEREX ROUGH TERRAIN CRANES

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