

**CITY CLASS**

**Flat Top Tower Cranes**

**ULTIMATE  
JOBSITE  
FLEXIBILITY**

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**CTT 91-5**

**CTT 132-6**

**CTT 172-8**

**CTT 202-8**

**CTT 202-10**

**CTT 222-10**





# CITY CLASS

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## Flat Top Tower Cranes

### FLEXIBLE FOR DIFFERENT JOB SITES

Jobs differ from site to site, and tower cranes must be flexible and specifically featured to best assist our customers' work and improve productivity.

Shopping malls and parking garages often require lower tower heights, longer reach and the ability to lift heavy prefabricated material loads. Skyscrapers often require multiple cranes combined with anti-collision solutions and tall tower heights with internal or external climbing systems. Housing and commercial projects with short construction time-lines often demand solutions where simple erection and dismantling are crucial.

The Terex "City Class" Flat Top Tower Cranes are designed to easily adapt to different jobsites and allow our customers to get the most from their crane fleet.



# TEREX offers a complete range of “city class” flat top tower cranes that allows you to meet the needs of different job sites.

Get the most from your tower crane fleet thanks to their modular design. For different job sites, you can configure the crane to improve your productivity.

**S-PACE CAB:**  
Increased visibility and comfort



### Telematic platform

Remote access to crane fleet data anytime and from anywhere via the web

### NEW T-TORQUE SLEWING TECHNOLOGY

Customizable settings  
Smoother movements or precise response  
Extremely accurate control

### T-LIFT ELEVATOR

Optionally available on all models

### FULL CONTROL with latest control software

Easy set-up  
Terex Power Plus (TPP):  
10% more power when needed  
Terex Power Match (TPM): energy saving  
Ready for Anti-Collision / Zoning systems

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### **FAST ERECTION AND DISMANTLING, even in confined spaces**

Full jib assembly on the ground  
Only 1-2 days for full assembly

### **EASY MAINTENANCE to keep downtime to a minimum**

II – IV falls: quick falls configuration change  
Service derrick  
Automatic electronically controlled  
greasing system for slewing ring  
Maintenance and spare parts management monitored  
by an intelligent diagnostic system

### **FLEXIBLE JIB AND TOWER CONFIGURATIONS TO GET THE MOST FROM YOUR INVENTORY**

#### **JIB LENGTH 25->65 m (82-213 ft)**

Built in 5-m (16.4-ft) modular section increments.  
The same jib modules are used on different cranes

#### **FLEXIBLE TOWER CONFIGURATION**

Compatible with main towers: TS12 – TS16 – TS21 – H20  
The same tower modules can be used on different cranes  
Transfer mast sections connect different towers  
Wide choice of bases  
External and internal climbing systems also available

### **EXCELLENT PERFORMANCE for small and medium projects**

Up to 10 t (11 USt) max. hoisting capacity  
Up to 2,58 t (2.84 USt) max. tip load  
Up to 132 m/min (433 ft/min) max.  
winch speed  
Superior free-standing tower height  
up to 73 m (240 ft)



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## A FULLY EQUIPPED SOLUTION FOR YOUR JOB SITES

### ADVANCED ELECTRONIC CONTROL

Advanced electronics ensure precise crane control, provide instant operating data and simplify crane setup to reduce installation time at the job-site.

Electronic control offers these standard functions:

- ▶ **Terex Power Plus (TPP).** Boosts operating capacity by an extra 10% when needed\*.
- ▶ **Terex Power Match (TPM).** Lowers energy consumption at the jobsite\*.
- ▶ **Anti-Collision / Zoning system ready.** Ideal for multiple crane jobsites\*.

Easy crane control can be performed both from inside the cab with the multifunction joysticks and full color, 7" touch screen display or with the remote radio controller.



### T-LINK TELEMATIC PLATFORM\*

The crane can be equipped with optional T-Link Platform for remote control of crane fleet data anytime and from anywhere via the web to optimize efficiency and reduce costs. A wide range of real-time data and a variety of analyses are available to assess the fleet's performance.

S-Pace Cab



## S-SPACE CABIN - EXCELLENT COMFORT AND VISIBILITY \*

The ergonomic S-Pace cab\* provides unmatched comfort over long hours on the job.

Wide glass panels, protected by side bars, ensure excellent visibility; multifunction joysticks and the 7" touch screen color display provide simplified crane control and monitoring.

The adjustable slewing seat and built-in heating and air conditioning system keep operators comfortable, productive and focused on their work to maintain safety.



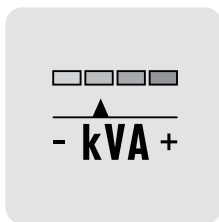
## T-TORQUE SLEWING TECHNOLOGY\*

- ▶ **Customizable settings**
- ▶ **Adjust the responsiveness of the crane to operator preferences, load and wind speed**
- ▶ **Smoother movements or fast reaction**
- ▶ **Exceptionally accurate control**

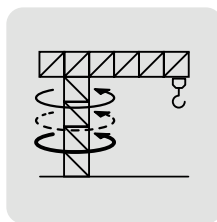
New inverter technology with torque control applied directly to the slewing motors gives the operator improved control over crane movements. It allows the operator to customize gear speed, acceleration and counter-maneuver, based on operating conditions, such as load type or wind speed. The crane immediately responds to the operator's command, and jib slewing can be adjusted to smoother or more powerful, giving the operator accurate control of load handling and positioning, critical on congested jobsites.



**Terex  
Power Plus**



**Terex  
Power Match**



**T-Torque  
slewing**

# RANGE OVERVIEW

The Terex “City Class” Flat Top tower crane range is designed for high performance and longevity. The designs are based on experience in varied and demanding job site conditions. We strive to offer our customers the speed, precision and reliable operation they demand.

	Max jib length	Max capacity	Max tip load	Max tip load with Terex Power Plus function	Max free-standing height (C25)	Towers
CTT 91-5	50 m / 164 ft	5 t / 5.5 USSt	1.4 t / 1.5 USSt	n.a.	45.75 m / 150 ft	TS 12
CTT 132-6	60 m / 197 ft	6 t / 6.6 USSt	1.4 t / 1.5 USSt	1.54 t / 1.70 USSt	52.35 m / 172 ft	TS 16
CTT 172-8	65 m / 213 ft	8 t / 8.8 USSt	1.5 t / 1.7 USSt	1.71 t / 1.88 USSt	64.90 m / 213 ft	TS 16 - TS 21
CTT 202-8	65 m / 213 ft	8 t / 8.8 USSt	2.1 t / 2.3 USSt	2.33 t / 2.57 USSt	72.95 m / 239 ft	TS 16 - TS 21 - H 20
CTT 202-10	65 m / 213 ft	10 t / 11 USSt	2.1 t / 2.3 USSt	2.33 t / 2.57 USSt	72.95 m / 239 ft	TS 16 - TS 21 - H 20
CTT 222-10	65 m / 213 ft	10 t / 11 USSt	2.3 t / 2.5 USSt	2.58 t / 2.84 USSt	72.95 m / 239 ft	TS 16 - TS 21 - H 20



The broad Terex Tower Cranes product range consists of Flat Top units up to 40 t (44 USSt), Luffing Jib, Hydraulic Luffing Jib, Hammerhead and Self-Erecting models.





# SAFETY FIRST. WORLDWIDE STANDARDS COMPLIANCE

## CITY CLASS Flat Top Tower Cranes

Whether renovating historic buildings in France or erecting a new skyscraper in Australia, rest assured that with Terex Cranes you are not only using the right crane but one that complies with global standards and regulations. With our commitment to designing, manufacturing and selling safe products, we offer cranes that meet international standards, so our equipment can be used worldwide.

### SAFE WORK SOLUTIONS

Terex Cranes are fitted with A to Z safety features to help increase safety for technicians, operators and the work environment. Some examples:

- ▶ Tower and jib sections as well as counter-jib are built with knee rails, handrails, toe board, bolt holders and platforms.
- ▶ Trolley pulley devices are installed to help prevent the pulley rope from jumping the reeving track.
- ▶ Jib safety rope is installed on each jib section.
- ▶ Stainless steel electrical boxes are weather - resistant to keep internal electronics safe.
- ▶ Standard cabin mast platforms.
- ▶ Full jib assembly can be completed at ground level.

To help you get the most from Terex crane equipment, we offer training for all operators. Safe operation and maintenance information is cover in our manuals and on product decals affixed to the machines.



# INVEST IN A TEREX CRANE AND GET MORE THAN A MACHINE

At Terex Cranes, we do more than manufacture world-class quality cranes. Investing in a Terex Crane, you will get a team with a true global presence in 80 countries and on six continents who are invested in your success.

## SERVICE AND PARTS

We've assembled a comprehensive array of world-class support services with your business in mind. A widespread network of authorized dealers and Terex sales and service offices is your guarantee of quality and expert support, virtually anywhere your business takes you.

Customer service is available 24/7 to keep you up and running, day or night.

A dedicated organization provides original replacement parts with timely delivery to ensure maximum machine uptime availability for your business, wherever you are.

**FON.Service@terex.com**

Direct contact to Terex Service Team

**sc.comedil.com**

Web shop for tower cranes parts



Find your local contact at

**WWW.TEREX.COM/TOWER-CRANES**

Navigate to *Support / Service*



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### FINANCIAL SERVICES DESIGNED WITH YOU IN MIND

Your daily business is lifting. Ours is to support you with the financial flexibility and security that the ever-changing crane business requires.

Terex Financial Services™ is a part of the Terex family. We understand your industry and Terex equipment better than anyone else. Whether you need to finance your next purchase or lease it, we will make it easy to get your equipment working for you.



## TEREX TOWER CRANES

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**WORKS FOR YOU.™**