

TOWER CRANES

- ▶ Self Erecting Tower Cranes
- ▶ Flat Top Tower Cranes
- ▶ Hammerhead Tower Cranes
- ▶ Luffing Jib Tower Cranes



LET'S LIFT THE WORLD TOGETHER



TOWER CRANES



Around the world, buildings and civil engineering products are constructed differently. But whatever architecture and construction style you're working with, there's a Terex® tower crane design that's just right for saving you time and providing a great return on your investment. Terex® tower cranes set up quickly, feature economical-yet-powerful motors and provide high lifting capacity. Add in the minimal downtime that Terex quality delivers, and you have outstanding value.

BUILD WITH CONFIDENCE



Terex® tower cranes are often used on projects with a long time frame, so they're designed to work hard for you in all seasons — from freezing cold to scorching heat.

- ▶ Durability for the most demanding conditions
- ▶ Designed for ease of transport and quick setup
- ▶ Reliable heat and air conditioning for operator comfort in nearly all climate conditions

GIVE YOUR BOTTOM LINE A LIFT

TOWER CRANES

Built for productivity.

A working crane is a profitable crane, and Terex® tower cranes are built to work. They're well suited for heavy lifting and placement duties on the most challenging jobsites. And they can also help you save time on other jobsite duties by easily moving materials from one area to another. From the efficient setup that gets you working quickly to the variety of jobsite duties it can handle, you'll get great value from your Terex® tower crane every day.

- ▶ Quality manufacturing designed for reliable performance hour after hour
- ▶ Easy maintenance access and built-in safety features to keep downtime to a minimum
- ▶ Ergonomic cabs provide the comfort required for long hours on the job



RESPONSIVE SUPPORT



Service is just a call away

As part of the Terex global family, Terex Cranes is committed to keeping your tower crane in service wherever you're working.

- ▶ Many Terex Cranes parts are interchangeable, so in most cases the part you need is ready and waiting
- ▶ Terex is committed to providing the uptime you demand with parts and service support available 24/7 — if necessary, we'll ship parts direct from our factory to support your machine

VALUE WITH REACH

TOWER CRANES



Tower cranes are most commonly used where the application not only requires height, but also reach. All four varieties of Terex® tower cranes give you the reach you need with the efficiency that you want. Modular construction on most models helps reduce transportation costs. Economical frequency converter motors deliver power while optimizing fuel costs. And year after year, that value continues through long-lasting parts engineered for long-term service.

KEEPING OPERATORS IN CONTROL

Operators spending the day in the cab of a Terex® tower crane won't be exhausted by lunchtime. The comfortable working environment features excellent visibility and an ergonomic design with controls in easy reach — all built to help keep operators fresh, productive and focused on their work to maintain safety.

- ▶ Heating and air conditioning systems for operator comfort in all climates
- ▶ All essential operation information is displayed on easy-to-read screens
- ▶ Many models include radio remote control as a standard feature



THE PERFECT CHOICE

TOWER CRANES

Terex doesn't limit you to one tower crane design that you need to adapt to your application. Instead, Terex® tower cranes are available in self-erecting, hammerhead, flat top and luffing jib varieties, each with a wide range of sizes and capacities. You can choose the right style for your project, and each style offers the versatility to perform plenty of jobsite duties.



- ▶ Self-erecting tower cranes can be assembled on site in just a few hours. They're trailer-mounted for easy transport and generally unfold in four sections, so you can get to the jobsite and working very quickly.
- ▶ Flat top tower cranes don't have the tower head and tie bars of conventional cranes, so they can be used in conjunction with other tower cranes at sites where space is confined, and can also lower investment costs by utilizing fewer tower segments.
- ▶ Hammerhead tower cranes have a tower and a horizontal jib, and are generally used in high-rise construction requiring large lifting capacities.
- ▶ Luffing jib tower cranes are specially designed for urban use. They feature outstanding reach without requiring too much room for slewing motions — a special advantage if many cranes are working at the same time on highrise building and power plant sites.

THE STRENGTH YOU NEED

Delivering the muscle to do the job is a hallmark of all Terex® tower cranes. The power of the engine is just the beginning. All Terex® tower cranes are constructed of top-quality materials proven to handle the extreme stress that can be caused by a long reach and heavy load.



The value you want

Terex® tower cranes provide power without sacrificing efficiency. Hoisting gear systems are designed to work within an optimum speed range to significantly reduce operating costs. Most moving parts are powered by frequency converter motors to ensure low power requirements during operation. Intuitive controls reduce training costs. And structures are coated with rust-resistant paint to help ensure a long service life. It all adds up to an excellent return on your investment.

SAFETY FROM THE GROUND UP

TOWER CRANES

The safety features built into Terex® tower cranes provide peace of mind for everyone at the jobsite. From the out-standing visibility to base ballast for stability to radio remote control, Terex® tower cranes are constructed for safety.



- ▶ Easy access to emergency stop controls
- ▶ Comfortable, ergonomic cabin and control system
- ▶ Safety rope for use when working on jib



CRANE SPECIFICATIONS

TOWER CRANES

	Model	Load moment ton.meter	Max. capacity mt (US tons)	Jib tip max. capacity (full jib) mt (US tons)	Max. jib length m (ft)	Min. jib length m (ft)	Max. free standing height * m (ft)
Self Erecting Tower Cranes, series CBR							
	CBR 16H	8	1 (1,1)	0,5 (0,55)	16 (52,5)	9 (29,5)	17,7 (58,1)
	CBR 18H-1.6V	10,8	1,6 (1,76)	0,6 (0,66)	18 (59)	10 (32,8)	20 (65,6)
	CBR 21H-1.6V	12,6	1,6 (1,76)	0,6 (0,66)	21 (68,9)	11,2 (36,7)	21,6 (70,9)
	CBR 24 PLUS	18	2 (2,2)	0,75 (0,83)	24 (78,7)	3,7 (12,1)	22,9 (75,1)
	CBR 26 PLUS	20,8	2 (2,2)	0,8 (0,88)	26 (85,3)	14,4 (47,2)	26 (85,3)
	CBR 28 PLUS	25,2	2,5 (2,76)	0,9 (0,99)	28 (91,9)	14,4 (47,2)	26,5 (86,9)
	CBR 30 PLUS	30	2,5 (2,76)	1 (1,1)	30 (98,4)	14,4 (47,2)	26,8 (87,9)
	CBR 32 PLUS	32	4 (4,4)	1 (1,1)	32 (105)	14,2 (46,6)	27,6 (90,5)
	CBR 36H-4	36	4 (4,4)	1 (1,1)	36 (118,1)	25 (82)	29 (95,1)
	CBR 40H-4	40	4 (4,4)	1 (1,1)	40 (131,2)	27,5 (90,2)	32,2 (105,6)
FC 6.24H	16,1	1,5 (1,66)	0,6 (0,66)	24 (78,7)	12,6 (41,3)	26 (85,3)	
Flat Top City Tower Cranes, series CTT							
	CTT 51/B-2 S11	50	2 (2,2)	1 (1,1)	40 (131,2)	20 (65,6)	35,8 (117,5)
	CTT 61/A-2.5 TS12	60	2,5 (2,76)	1,1 (1,2)	45 (147,6)	25 (82)	49,5 (162,4)
	CTT 71-2.5 TS12	70	2,5 (2,76)	1 (1,1)	50 (164)	25 (82)	46,55 (152,7)
	CTT 91-2.5 TS12	90	2,5 (2,76)	1,45 (1,6)	50 (164)	25 (82)	49,4 (162,1)
	CTT 91-5 TS12	90	5 (5,5)	1,4 (1,54)	50 (164)	25 (82)	48,7 (159,8)
	CTT 121/A-5 TS16	120	5 (5,5)	1,75 (1,93)	55 (180,4)	30 (98,4)	52,35 (171,8)
	CTT 141/A-6 TS	140	6 (6,6)	1,15 (1,27)	65 (213,3)	30 (98,4)	49,5/67,2 (162,4/220,5)
	CTT 161/A-6 TS	160	6 (6,6)	1,45 (1,6)	65 (213,3)	30 (98,4)	49,5/67,2 (162,4/220,5)
	CTT 161/A-8 TS	160	8 (8,8)	1,4 (1,54)	65 (213,3)	30 (98,4)	49,5/67,2 (162,4/220,5)
	CTT 181/B1-8 TS21	180	8 (8,8)	1,9 (2,1)	65 (213,3)	35 (114,8)	67,2 (220,5)
CTT 181/B-8 TS21	180	8 (8,8)	1,9 (2,1)	65 (213,3)	35 (114,8)	67,2 (220,5)	
Flat Top Tower Cranes, series CTT							
	CTT 231-10 H20	230	10 (11)	2,1 (2,3)	70 (229,7)	30 (98,4)	61,8 (202,8)
	CTT 231-10 TS23	230	10 (11)	2,1 (2,3)	70 (229,7)	30 (98,4)	62,2 (204,1)
	CTT 231-12 H20	230	12 (13,2)	2,1 (2,3)	70 (229,7)	30 (98,4)	61,8 (202,8)
	CTT 231-12 TS23	230	12 (13,2)	2,1 (2,3)	70 (229,7)	30 (98,4)	62,2 (204,1)
	CTT 331-16 H20	330	16 (17,6)	2,9 (3,2)	75 (246)	40 (131,2)	62,2 (204,1)
	CTT 331-16 HD23	330	16 (17,6)	2,9 (3,2)	75 (246)	40 (131,2)	92,6 (303,8)
	CTT 331-16 TS23	330	16 (17,6)	2,9 (3,2)	75 (246)	40 (131,2)	58,1 (190,6)
	CTT 561/A-20 HD23	560	20 (22)	2,2 (2,43)	84 (275,6)	39 (127,9)	85,2 (279,5)
	CTT 561/A-24 HD23	560	24 (26,5)	2,1 (2,3)	84 (275,6)	39 (127,9)	85,2 (279,5)
	CTT 561/A-32 HD23	560	32 (35,3)	1,5 (1,66)	84 (275,6)	39 (127,9)	85,2 (279,5)
CTT 721-32 HD23	720	32 (35,3)	3,4 (3,75)	84 (275,6)	39 (127,9)	73,4 (240,8)	
CTT 721-40 HD23	720	40 (44,1)	3,4 (3,75)	84 (275,6)	39 (127,9)	73,4 (240,8)	
Hammerhead Tower Cranes, series SK							
	SK 315-16	323	16 (17,6)	3,1 (3,4)	70 (229,7)	40 (131,2)	72,7 (238,5)
	SK 415-20	522	20 (22)	3,2 (3,5)	75 (246)	35 (114,8)	68,6 (225,1)
	SK 415-25	530	25 (27,6)	3,1 (3,4)	75 (246)	35 (114,8)	68,6 (225,1)
	SK 575-32	652	32 (35,3)	4,1 (4,5)	80 (262,5)	40 (131,2)	75,8 (248,7)
Luffing Jib Tower Cranes, series CTL							
	CTL 140-8 TS	140	8 (8,8)	1,8 (2,0)	50 (164)	30 (98,4)	44,45/50,35 (145,8/165,2)
	CTL 140-10 TS	140	10 (11)	1,8 (2,0)	50 (164)	30 (98,4)	44,45/50,35 (145,8/165,2)
	CTL 180-16 H20	180	16 (17,6)	2 (2,2)	55 (180,4)	30 (98,4)	51,7 (169,6)
	CTL 180-16 HD23	180	16 (17,6)	2 (2,2)	55 (180,4)	30 (98,4)	72,4 (237,5)
	CTL 180-16 TS23	180	16 (17,6)	2 (2,2)	55 (180,4)	30 (98,4)	54,6 (179,1)
	CTL 260-18 H20	260	18 (19,8)	3,1 (3,4)	55 (180,4)	30 (98,4)	47,95 (157,3)
	CTL 260-18 HD23	260	18 (19,8)	3,1 (3,4)	55 (180,4)	30 (98,4)	72,4 (237,5)
	CTL 260-18 TS23	260	18 (19,8)	3,1 (3,4)	55 (180,4)	30 (98,4)	48,7 (159,8)
	CTL 340-24 HD23	340	24 (26,5)	4 (4,4)	60 (196,9)	35 (114,8)	66,4 (217,8)
	CTL 340-24 TS23	340	24 (26,5)	4 (4,4)	60 (196,9)	35 (114,8)	41,7 (136,8)
	CTL 430-24 HD23	430	24 (26,5)	5,5 (6,1)	60 (196,9)	35 (114,8)	66,4 (217,8)
	CTL 440-24 HD23	440	24 (26,5)	5,2 (5,7)	60 (196,9)	35 (114,8)	66,4 (217,8)
CTL 630-32 HD23	630	32 (35,3)	9 (9,92)	60 (196,9)	30 (98,4)	66,4 (217,8)	
Derrick Cranes, series CDK							
	CDK 83-12	80	12 (13,2)	3 (3,3)	24 (78,7)	18 (59)	170 (557,7)- IV falls**

* CTT: under hook height. CTL: tower height

**CDK: for tower cranes dismantling; depends on buildings height

SMART CHOICE

With a range of features and styles, Terex® tower cranes are ready for heavy lifting duties from urban areas where space is constrained to sites where a long-term setup is desirable. For whatever your project requires, depend on Terex® tower cranes for long-lasting value.



FINANCIAL SOLUTIONS THAT WORK

Terex Cranes doesn't just support your projects — it supports your business. Terex Financial Services is part of the Terex family, so you'll work directly with financial professionals who share our unique understanding of the cranes and heavy equipment industries. You can count on a team that will work hard to find effective financial solutions designed to meet your specific needs.

- ▶ Own or lease equipment with solutions that further your business goals and maximize your return on investment
- ▶ Manage cash flow with customized payment schedules that suit your budget
- ▶ Off-balance sheet lease options that help control cash flow and improve key financial ratios
- ▶ Effective exit strategies for leasing contracts, including equipment upgrades



A WORLD OF SUPPORT

It's all well and good that Terex Cranes has manufacturing facilities and offices around the world, but your real concern is at your current jobsite, right? Well, don't worry, because Terex Cranes delivers global support on a local level. Terex Cranes is committed to keeping your cranes in service to maximize your return on investment, so whether your support comes from your local dealer or direct from the factory, you can depend on Terex to keep downtime to a minimum.

- ▶ Many Terex® cranes are designed with interchangeable parts, enabling your dealer to more effectively service your crane if needed
- ▶ Terex is committed to providing the service you demand — if a repair part isn't available from our stock, we'll secure it from our factory

The experienced Terex Cranes team also supports you well beyond service needs. Experts are available to discuss the aspects of any crane or any project you're working on. You can get help from people who understand and speak the language of cranes, providing tips on everything from crane selection to the best setup for both safety and productivity on the job. In short, Terex isn't just a global company, it's a world-class company before, during and after the sale.



Terex Cranes manufacturing facilities serve the world

- ▶ Zweibrücken und Delmenhorst, Deutschland
- ▶ Crespellano und Fontanafredda, Italien
- ▶ Montceau-les-Mines, Frankreich
- ▶ Brisbane, Australien
- ▶ Luzhou, China
- ▶ Waverly, Iowa und Wilmington, North Carolina, USA



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