TEREX TOWER CRANES

CTL 702-32
CTL 712-45

TEREX® TC

Controlled operation for better sustainability

TEREX TC

ENVIRONMENT FRIENDLY

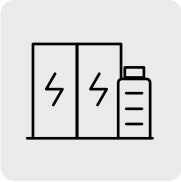
We are deeply committed to environmental sustainability, incorporating innovative designs and operational features that minimise environmental impact and enhance energy efficiency.

Our cranes are engineered for exceptional durability and a long service life, built to endure harsh conditions and years of heavy use. By reducing the need for frequent replacements, we help lower the environmental impact associated with manufacturing and disposing of outdated equipment.

At Terex, we strive to contribute to a more sustainable future.

Terex Power Match

Lowers energy consumption at the jobsite.



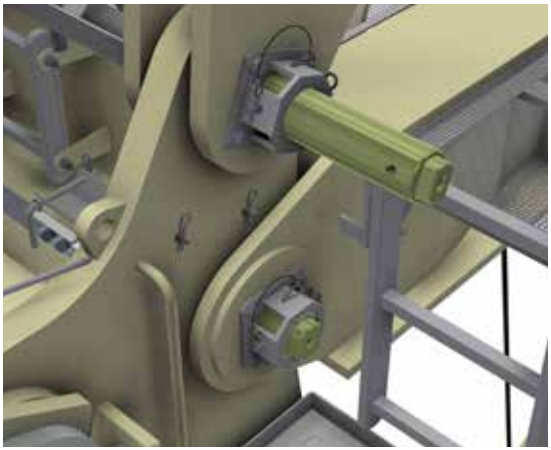
Pre-arranged for energy storage & recovery system

Enabling the integration of advanced energy solutions.

Certified suppliers

Ensuring high-quality products to meet demanding requirements.

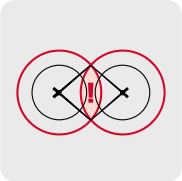
SAFETY



Falling objects

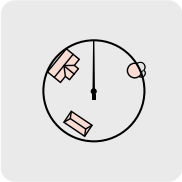
Captive solutions & Handrail protections
Integrated safety features and an optimised design enhances safety during crane maintenance, operation, and assembly/disassembly.

Slack rope system
Improves operational safety and efficiency by preventing slack rope conditions that could compromise the stability of both the load and the crane.



Anti Collision

Advanced electrical and sensor technologies detects the proximity of cranes to each other and other structures.



Zoning System

Creates virtual zones on the construction site, defining areas where the crane can and cannot operate, based on the site's layout.

TEREX

Your control at every step

TEREX | TC

SMART ERECTION

Reduced erection time
For faster project completion while minimising downtime and costs.

Reduction of cable and connectors
Improves efficiency, organisation and ease of maintenance.

Standardised pins/bolts
Optimised hardware and fewer tools.

Connectors grouped by type
For a more efficient crane installation.

Improved solutions for pin instalation/dismantling
Smart-assisted assembly solutions.

Easy Setup
Fewer components to be lifted.

Main assembly completed on the ground.

EASE OF MAINTENANCE

T-Solve

Easily reachable from PC or mobile phone, TSolve is the ideal tool to give you instant help when you're on the job site.
By entering the error code displayed on the crane, it provides the meaning of the code and tips on how to solve the problem.

Smooth access to crane cabin windows

Designed for optimal maintenance and visibility, our cabins ensure that maintenance and operations are safer and more efficient.

T-Link Telematics Platform

Remote control of crane fleet data anytime and from anywhere via the web to optimise efficiency and reduce costs.

- Cost savings and increased productivity
- Improved maintenance management and technical assistance
- Fleet control with Geofence function: monitor each crane's position
- Improved machine management, statistics and real-time data.

TEREX®

Precise load control for improved speed

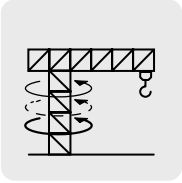
TEREX | TC

HIGH PERFORMANCES

The power of control and excellence.

Our advanced control systems give you the precision you need to navigate even the most complex lifting operations with ease.

Control is the beginning. Our cranes are built to excel in every way.
With powerful engines, robust construction, and advanced safety features, you can trust Terex Tower Cranes to deliver exceptional performance, every time.

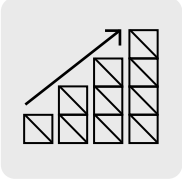


T-Torque Slewing Technology

Inverter technology with torque control for a precise and customisable control over crane slewing.

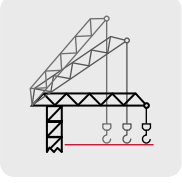
Terex Power Plus

Boosts operating capacity by approximately 10% when needed.
The “extra mile” at the press of a button.



Tower System

Complete range of tower masts for the best trade-off between investment and height adjustable solutions for each job site



T-Line

Highly precise load placement during jib luffing, ensuring the correct load height is maintained.

TEREX TC

LENGTH CAPACITY

LOAD DIAGRAM . CTL 702-32

			16 ft	33 ft	49 ft	66 ft	82 ft	98 ft	115 ft	131 ft	148 ft	164 ft	180 ft	197 ft	213 ft	230 ft
35274 lbs →	84 ft	lbs	35274	35274	35274	35274	35274	29983	25463	22074	19437	17328	15603	14165	12948	11905
52911 lbs →	56 ft	lbs	52911	52911	52911	44340	34826	28484	23953	20555	17913	15798	14068	12627	11407	10362
35274 lbs →	100 ft	lbs	35274	35274	35274	35274	35274	35274	30200	26021	22771	20171	18044	16271	14771	
52911 lbs →	68 ft	lbs	52911	52911	52911	52911	43572	35772	30200	26021	22771	20171	18044	16271	14771	
35274 lbs →	129 ft	lbs	35274	35274	35274	35274	35274	35274	35274	34684	30472	27101	24344	22046		
52911 lbs →	89 ft	lbs	52911	52911	52911	52911	52911	47322	40100	34684	30472	27101	24344	22046		
35274 lbs →	141 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	33591	29909	26896			
70548 lbs →	74 ft	lbs	70548	70548	70548	70548	63048	52001	44111	38194	33591	29909	26896			
35274 lbs →	151 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	35274	32187				
70548 lbs →	79 ft	lbs	70548	70548	70548	70548	67605	55799	47366	41042	36123	32187				
35274 lbs →	148 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	35274					
70548 lbs →	81 ft	lbs	70548	70548	70548	70548	69252	57171	48543	42071	37038					
35274 lbs →	131 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274						
70548 lbs →	83 ft	lbs	70548	70548	70548	70548	70548	58985	50097	43431						
35274 lbs →	115 ft	lbs	35274	35274	35274	35274	35274	35274	35274							
70548 lbs →	84 ft	lbs	70548	70548	70548	70548	70548	59438	50486							
35274 lbs →	98 ft	lbs	35274	35274	35274	35274	35274	35274								
70548 lbs →	81 ft	lbs	70548	70548	70548	70548	69430	57320								

TEREX POWER PLUS

			16 ft	33 ft	49 ft	66 ft	82 ft	98 ft	115 ft	131 ft	148 ft	164 ft	180 ft	197 ft	213 ft	230 ft
35274 lbs →	93 ft	lbs	35274	35274	35274	35274	35274	33146	28175	24446	21546	19226	17328	15746	14408	13261
52911 lbs →	61 ft	lbs	52911	52911	52911	49097	38632	31655	26671	22934	20027	17701	15798	14213	12871	11721
35274 lbs →	110 ft	lbs	35274	35274	35274	35274	35274	35274	33543	28947	25371	22511	20171	18221	16571	
52911 lbs →	75 ft	lbs	52911	52911	52911	52911	48252	39672	33543	28947	25371	22511	20171	18221	16571	
35274 lbs →	142 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	33842	30135	27101	24574		
52911 lbs →	97 ft	lbs	52911	52911	52911	52911	52911	52377	44433	38476	33842	30135	27101	24574		
35274 lbs →	155 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	35274	33223	29909			
70548 lbs →	81 ft	lbs	70548	70548	70548	70548	69675	57525	48845	42336	37273	33223	29909			
35274 lbs →	166 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	35274	35274				
70548 lbs →	87 ft	lbs	70548	70548	70548	70548	70548	61702	52426	45469	40058	35729				
35274 lbs →	162 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	35274					
70548 lbs →	89 ft	lbs	70548	70548	70548	70548	70548	63211	53720	46601	41064					
35274 lbs →	144 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274						
70548 lbs →	91 ft	lbs	70548	70548	70548	70548	70548	65206	55430	48097						
35274 lbs →	126 ft	lbs	35274	35274	35274	35274	35274	35274	35274							
70548 lbs →	92 ft	lbs	70548	70548	70548	70548	70548	65705	55857							
35274 lbs →	108 ft	lbs	35274	35274	35274	35274	35274	35274								
70548 lbs →	89 ft	lbs	70548	70548	70548	70548	70548	63375								

LENGTH CAPACITY

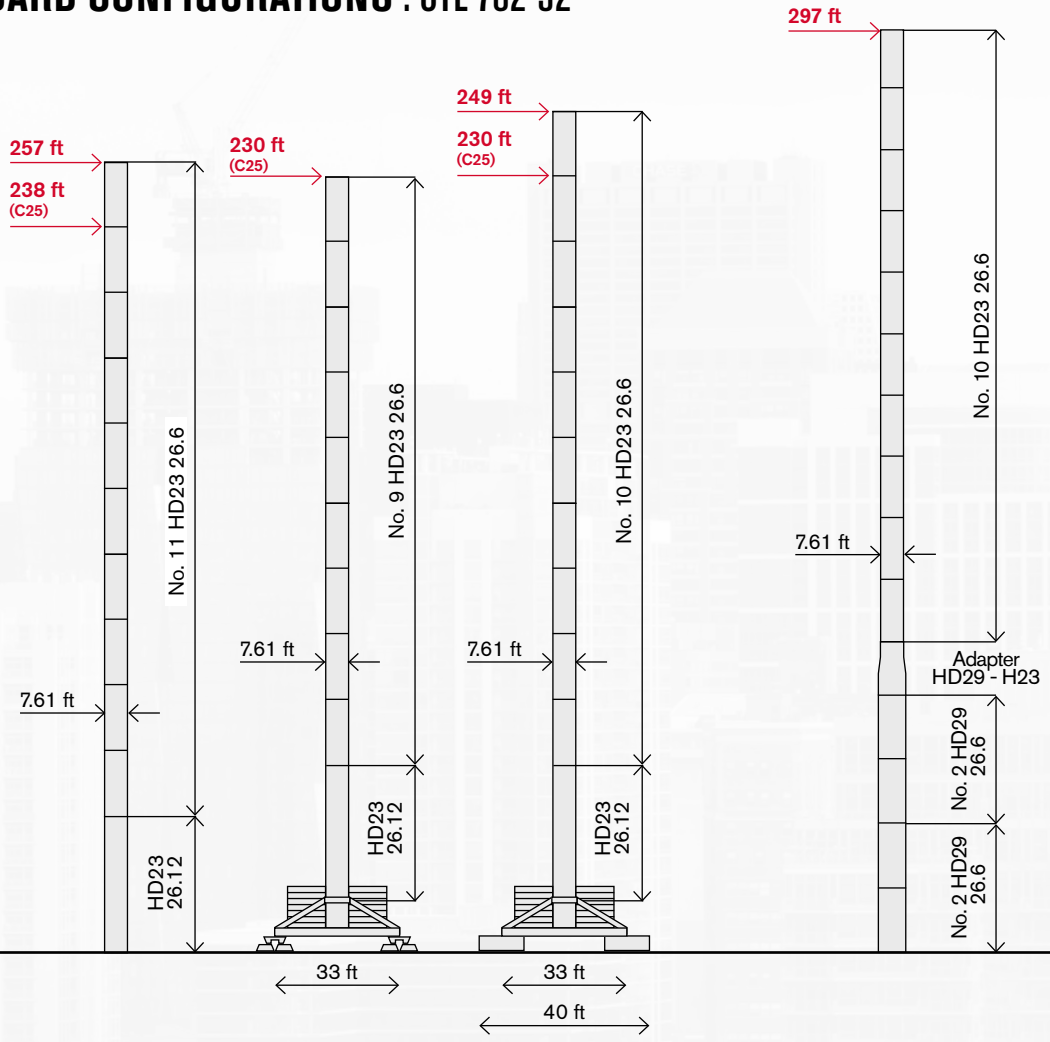
LOAD DIAGRAM . CTL 712-45

		16 ft	33 ft	49 ft	66 ft	82 ft	98 ft	115 ft	131 ft	148 ft	164 ft	180 ft	197 ft	213 ft	230 ft
35274 lbs → 82 ft	lbs	35274	35274	35274	35274	35274	29101	24692	21385	18813	16755	15072	13669	12482	11464
35274 lbs → 100 ft	lbs	35274	35274	35274	35274	35274	35274	30581	26538	23393	20878	18819	17104	15653	
52911 lbs → 66 ft	lbs	52911	52911	52911	52911	41756	34208	28818	24774	21630	19114	17056	15340	13889	
35274 lbs → 125 ft	lbs	35274	35274	35274	35274	35274	35274	35274	33620	29689	26544	23970	21826		
66139 lbs → 67 ft	lbs	66139	66139	66139	66139	53087	43651	36912	31857	27925	24780	22207	20062		
35274 lbs → 139 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	32996	29520	26676			
70548 lbs → 69 ft	lbs	70548	70548	70548	70548	59040	48612	41163	35577	31232	27756	24912			
35274 lbs → 149 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	35274	31967				
70548 lbs → 75 ft	lbs	70548	70548	70548	70548	63934	52690	44659	38636	33951	30203				
92594 lbs → 57 ft	lbs	92594	92594	92594	79036	62170	50927	42896	36872	32187	28440				
35274 lbs → 148 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	35274					
70548 lbs → 77 ft	lbs	70548	70548	70548	70548	66315	54675	46360	40124	35274					
99208 lbs → 55 ft	lbs	99208	99208	99208	82012	64551	52911	44596	38360	33510					
35274 lbs → 131 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274						
70548 lbs → 80 ft	lbs	70548	70548	70548	70548	68784	56732	48124	41667						
99208 lbs → 57 ft	lbs	99208	99208	99208	85098	67020	54969	46360	39904						
35274 lbs → 115 ft	lbs	35274	35274	35274	35274	35274	35274	35274							
70548 lbs → 81 ft	lbs	70548	70548	70548	70548	69622	57430	48722							
99208 lbs → 57 ft	lbs	99208	99208	99208	86146	67858	55667	46958							
35274 lbs → 98 ft	lbs	35274	35274	35274	35274	35274	35274								
70548 lbs → 79 ft	lbs	70548	70548	70548	70548	67638	55777								
99208 lbs → 56 ft	lbs	99208	99208	99208	83665	65874	54013								

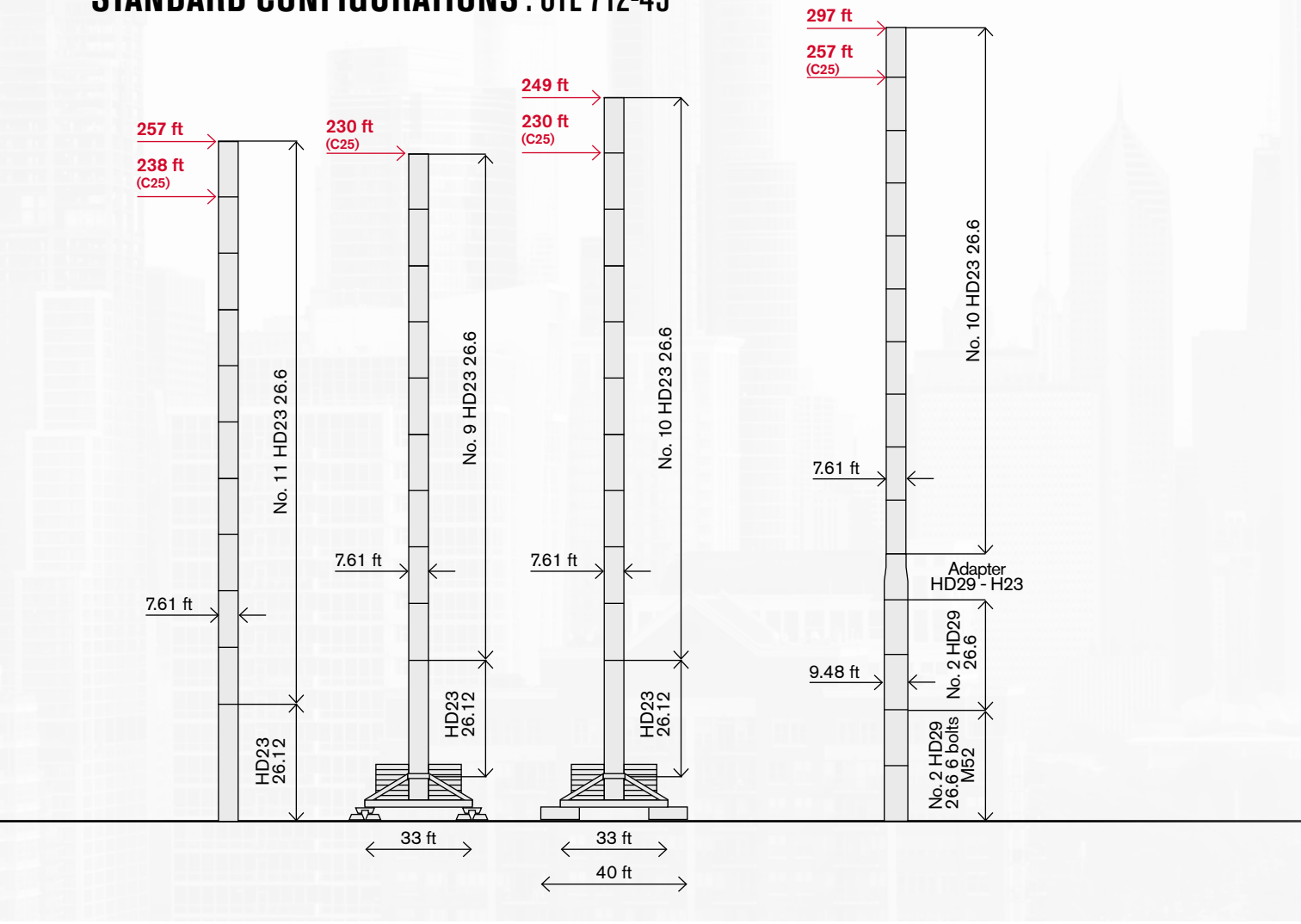
TEREX POWER PLUS			16 ft	33 ft	49 ft	66 ft	82 ft	98 ft	115 ft	131 ft	148 ft	164 ft	180 ft	197 ft	213 ft	230 ft
35274 lbs →	90 ft	lbs	35274	35274	35274	35274	35274	32187	27337	23700	20870	18607	16755	15212	13906	12787
35274 lbs →	110 ft	lbs	35274	35274	35274	35274	35274	35274	33816	29368	25909	23142	20878	18991	17394	
52911 lbs →	72 ft	lbs	52911	52911	52911	52911	46284	37982	32052	27605	24145	21378	19114	17227	15631	
35274 lbs →	138 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	32834	29374	26544	24185		
66139 lbs →	73 ft	lbs	66139	66139	66139	66139	58749	48369	40956	35395	31070	27611	24780	22421		
35274 lbs →	152	lbs	35274	35274	35274	35274	35274	35274	35274	35274	35274	32648	29520			
70548 lbs →	76 ft	lbs	70548	70548	70548	70548	65296	53826	45632	39487	34708	30885	27756			
35274 lbs →	164 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	35274	35274				
70548 lbs →	82 ft	lbs	70548	70548	70548	70548	70548	58312	49478	42852	37699	33576				
92594 lbs →	62 ft	lbs	92594	92594	92594	87468	68916	56549	47714	41089	35935	31813				
35274 lbs →	148 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274	35274					
70548 lbs →	85 ft	lbs	70548	70548	70548	70548	70548	60495	51349	44489	39154					
99208 lbs →	60 ft	lbs	99208	99208	99208	90742	71536	58731	49585	42726	37390					
35274 lbs →	131 ft	lbs	35274	35274	35274	35274	35274	35274	35274	35274						
70548 lbs →	88 ft	lbs	70548	70548	70548	70548	70548	62758	53289	46187						
99208 lbs →	62 ft	lbs	99208	99208	99208	94137	74252	60994	51525	44423						
35274 lbs →	115 ft	lbs	35274	35274	35274	35274	35274	35274	35274							
70548 lbs →	89 ft	lbs	70548	70548	70548	70548	70548	63526	53947							
99208 lbs →	63 ft	lbs	99208	99208	99208	95289	75173	61762	52183							
35274 lbs →	98 ft	lbs	35274	35274	35274	35274	35274	35274								
70548 lbs →	87 ft	lbs	70548	70548	70548	70548	70548	61707								
99208 lbs →	61 ft	lbs	99208	99208	99208	92561	72991	59944								

JOBSITE EFFICIENCY

STANDARD CONFIGURATIONS . CTL 702-32



STANDARD CONFIGURATIONS . CTL 712-45



POWERFUL PRECISION

CTL 702-32

LUFFING	
Power	110 kW
Rope diameter	1,10 in
Minimum Luffing time	1,7 min - 2,2 min
Technology and options	Frequency variation closed loop control Variable speed Planetary Heavy Duty Gear Units Standard secondary brake High communality with hoisting winch

HOIST	
Power	110 kW
Rope diameter	0,91 in
Rope max length	3248 ft
Max speed II falls / IV falls	650 ft/min - 322 ft/min
Full capacity speed II falls / IV falls	115 ft/min with 35280 lbs 59 ft/min with 70560 lbs
Technology and features	Frequency variation closed loop control Planetary Heavy Duty Gear Units Standard secondary brake High communality with luffing winch

CTL 712-45

LUFFING	
Power	110 kW
Rope diameter	1,10 in
Minimum Luffing time	1,7 min - 2,2 min
Technology and options	Frequency variation closed loop control Variable speed Planetary Heavy Duty Gear Units Standard secondary brake High communality with hoisting winc

HOIST	
Power	134 kW
Rope diameter	1,18 in
Rope max length	3927 ft
Max speed I fall / II falls / III falls	741 ft/min - 371 ft/min - 246 ft/min
Full capacity speed I fall / II falls / III falls	141 ft/min with 35280 lbs 69 ft/min with 70560 lbs 49 ft/min with 99225 lbs
Technology and features	Frequency variation closed loop control Planetary Heavy Duty Gear Units Standard secondary brake High communality with luffing winch

TEREX® | TC

TEREX TOWER CRANES

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