

# TEREX TOWER CRANES

**CTL 702-32**  
**CTL 712-45**



**EXCELLENCE  
IN THE SKY**

*Control is speed*





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**Controlled operation  
for better sustainability**

# ENVIRONMENT FRIENDLY

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

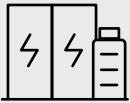
Our cranes are engineered for exceptional durability and a long service life, built to endure harsh conditions and years of heavy use. By reducing the need for frequent replacements, we help lower the environmental impact associated with manufacturing and disposing of outdated equipment.

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



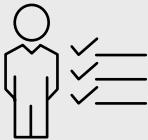
## Terex Power Match

Lowers energy consumption at the jobsite.



## Pre-arranged for energy storage & recovery system

Enabling the integration of advanced energy solutions.



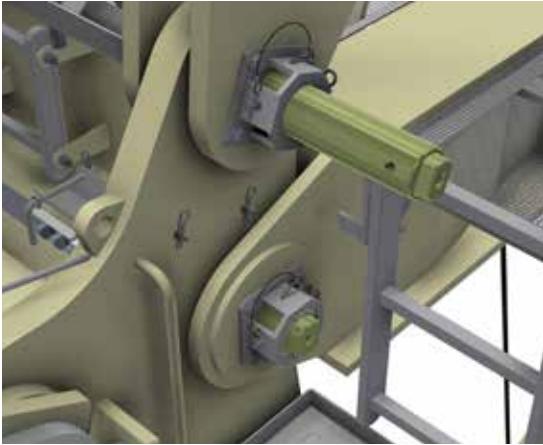
## Certified suppliers

Ensuring high-quality products to meet demanding requirements.



ELECTRIC  
by NATURE

# SAFETY



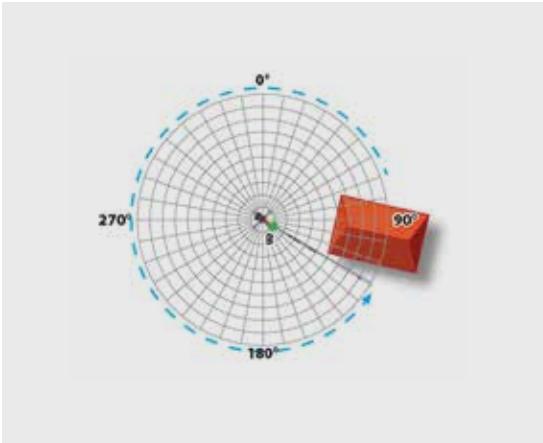
## Falling objects

### Captive solutions & Handrail protections

Integrated safety features and an optimised design enhances safety during crane maintenance, operation, and assembly/disassembly.

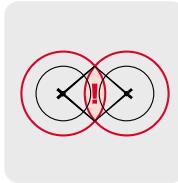
### Slack rope system

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



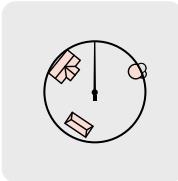
## Anti Collision

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.





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Your control  
at every step

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# SMART ERECTION



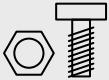
## Reduced erection time

For faster project completion while minimising downtime and costs.



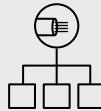
## Reduction of cable and connectors

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 installation/dismantling

Smart-assisted assembly solutions.



## Easy Setup

Fewer components to be lifted.  
Main assembly completed on the ground.



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# 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<sup>®</sup>





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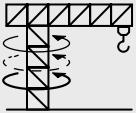
**Precise load control  
for improved speed**

# 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.



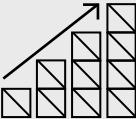
## T-Torque Slewing Technology

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.



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# LENGTH CAPACITY

## LOAD DIAGRAM . CTL 712-45

		15 m	20 m	25 m	30 m	35 m	40 m	45 m	50 m	55 m	60 m	65 m	70 m
	16 t → 25.00 m	t 16,00	16,00	16,00	13,20	11,20	9,70	8,53	7,60	6,84	6,20	5,66	5,20
	16 t → 30.57 m	t 16,00	16,00	16,00	16,00	13,87	12,04	10,61	9,47	8,54	7,76	7,10	
	24 t → 20.06 m	t 24,00	24,00	18,94	15,52	13,07	11,24	9,81	8,67	7,74	6,96	6,30	
	16 t → 38.21 m	t 16,00	16,00	16,00	16,00	16,00	15,25	13,47	12,04	10,87	9,90		
	30 t → 20.32 m	t 30,00	30,00	24,08	19,80	16,74	14,45	12,67	11,24	10,07	9,10		
	16 t → 42.23 m	t 16,00	16,00	16,00	16,00	16,00	16,00	14,97	13,39	12,10			
	32 t → 21.12 m	t 32,00	32,00	26,78	22,05	18,67	16,14	14,17	12,59	11,30			
	16 t → 45.54 m	t 16,00	16,00	16,00	16,00	16,00	16,00	16,00	14,50				
	32 t → 22.77 m	t 32,00	32,00	29,00	23,90	20,26	17,53	15,40	13,70				
	42 t → 17.23 m	t 42,00	35,85	28,20	23,10	19,46	16,73	14,60	12,90				
	16 t → 45.00 m	t 16,00	16,00	16,00	16,00	16,00	16,00	16,00					
	32 t → 23.57 m	t 32,00	32,00	30,08	24,80	21,03	18,20	16,00					
	45 t → 16.71 m	t 45,00	37,20	29,28	24,00	20,23	17,40	15,20					
	16 t → 40.00 m	t 16,00	16,00	16,00	16,00	16,00	16,00						
	32 t → 24.40 m	t 32,00	32,00	31,20	25,73	21,83	18,90						
	45 t → 17.30 m	t 45,00	38,60	30,40	24,93	21,03	18,10						
	16 t → 35.00 m	t 16,00	16,00	16,00	16,00	16,00							
	32 t → 24.69 m	t 32,00	32,00	31,58	26,05	22,10							
	45 t → 17.50 m	t 45,00	39,08	30,78	25,25	21,30							
	16 t → 30.00 m	t 16,00	16,00	16,00	16,00								
	32 t → 24.02 m	t 32,00	32,00	30,68	25,30								
	45 t → 17.03 m	t 45,00	37,95	29,88	24,50								

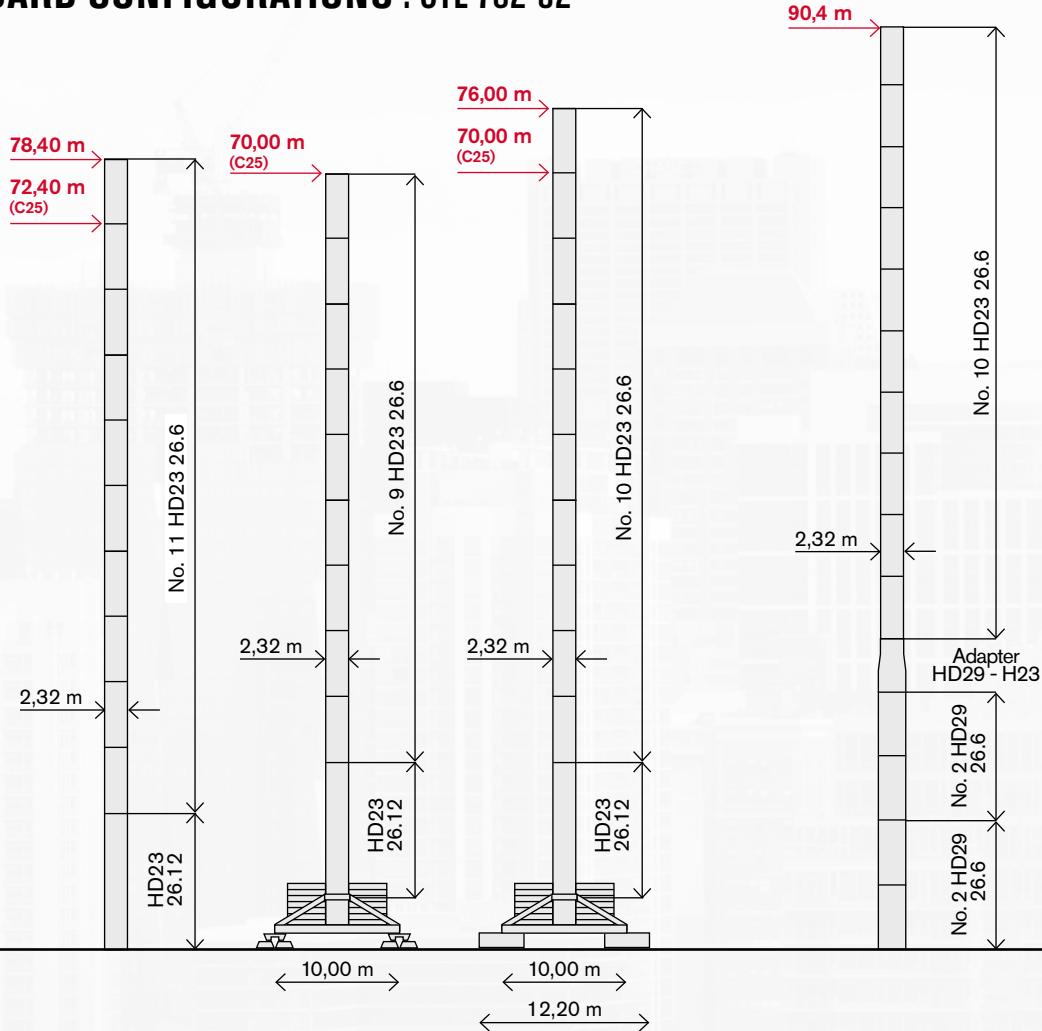
## TEREX POWER PLUS

			15 m	20 m	25 m	30 m	35 m	40 m	45 m	50 m	55 m	60 m	65 m	70 m
16 t	27.50 m	t	16,00	16,00	16,00	14,60	12,40	10,75	9,47	8,44	7,60	6,90	6,31	5,80
16 t	33.62 m	t	16,00	16,00	16,00	16,00	15,34	13,32	11,75	10,50	9,47	8,61	7,89	
24 t	22.06 m	t	24,00	24,00	20,99	17,23	14,54	12,52	10,95	9,70	8,67	7,81	7,09	
16 t	42.04 m	t	16,00	16,00	16,00	16,00	16,00	16,00	14,89	13,32	12,04	10,97		
30 t	22.35 m	t	30,00	30,00	26,65	21,94	18,58	16,06	14,09	12,52	11,24	10,17		
16 t	46.46 m	t	16,00	16,00	16,00	16,00	16,00	16,00	16,00	14,81	13,39			
32 t	23.23 m	t	32,00	32,00	29,62	24,42	20,70	17,91	15,74	14,01	12,59			
16 t	50.00 m	t	16,00	16,00	16,00	16,00	16,00	16,00	16,00	16,00				
32 t	25.04 m	t	32,00	32,00	32,00	26,45	22,44	19,44	17,10	15,23				
42 t	18.95 m	t	42,00	39,68	31,26	25,65	21,64	18,64	16,30	14,43				
16 t	45.00 m	t	16,00	16,00	16,00	16,00	16,00	16,00	16,00					
32 t	25.93 m	t	32,00	32,00	32,00	27,44	23,29	20,18	17,76					
45 t	18.38 m	t	45,00	41,16	32,45	26,64	22,49	19,38	16,96					
16 t	40.00 m	t	16,00	16,00	16,00	16,00	16,00	16,00						
32 t	26.85 m	t	32,00	32,00	32,00	28,47	24,17	20,95						
45 t	19.03 m	t	45,00	42,70	33,68	27,67	23,37	20,15						
16 t	35.00 m	t	16,00	16,00	16,00	16,00	16,00							
32 t	27.16 m	t	32,00	32,00	32,00	28,82	24,47							
45 t	19.25 m	t	45,00	43,22	34,10	28,02	23,67							
16 t	30.00 m	t	16,00	16,00	16,00	16,00								
32 t	26.42 m	t	32,00	32,00	32,00	27,99								
45 t	18.73 m	t	45,00	41,99	33,11	27,19								

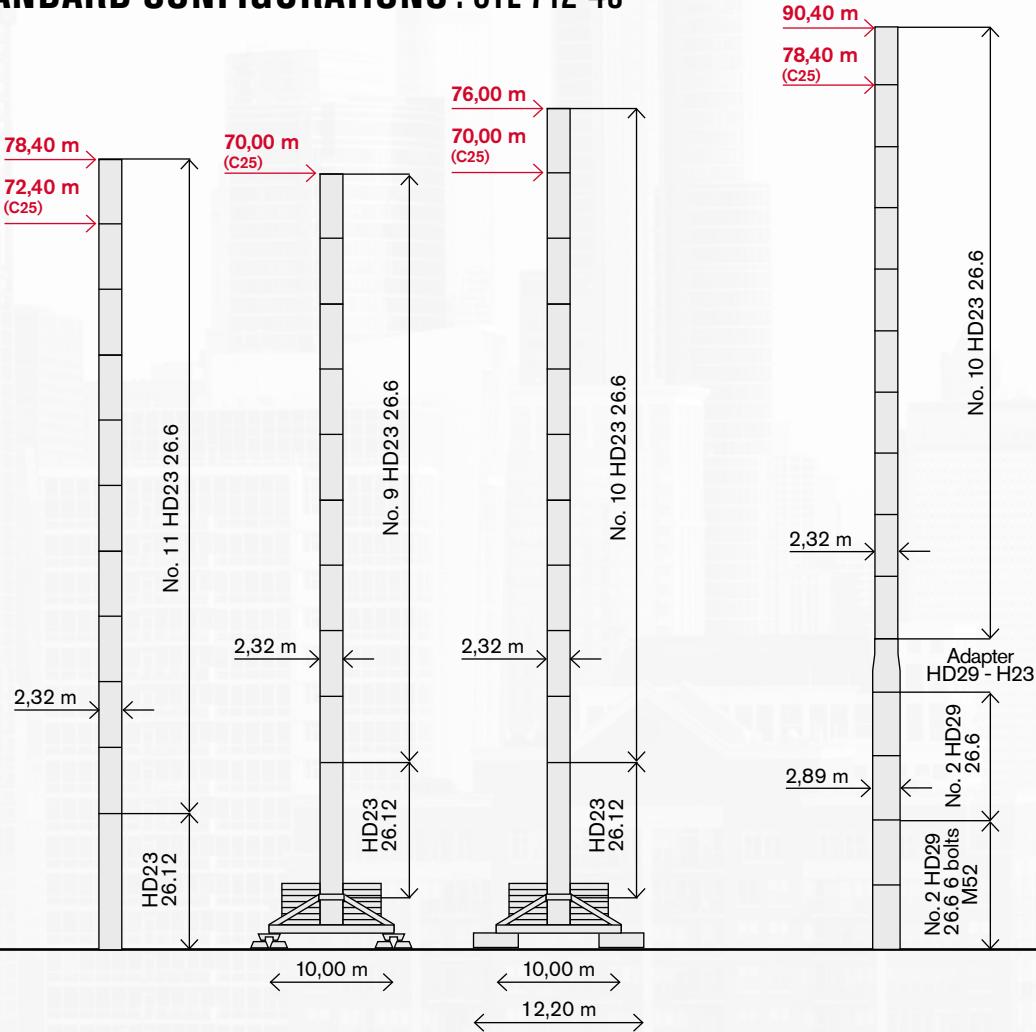


# JOBSITE EFFICIENCY

## STANDARD CONFIGURATIONS . CTL 702-32



# STANDARD CONFIGURATIONS . CTL 712-45



# POWERFUL PRECISION

## CTL 702-32

LUFFING	
Power	110 kW
Rope diameter	28 mm
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	23 mm
Rope max length	990 m
Max speed II falls / IV falls	198 m/min - 98 m/min
Full capacity speed II falls / IV falls	35 m/min with 16 tons - 18 m/min with 32 tons
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	28 mm
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	30 mm
Rope max length	1197 m
Max speed I fall / II falls / III falls	226 m/min - 113 m/min - 75 m/min
Full capacity speed I fall / II falls / III falls	43 m/min with 16 tons 21 m/min with 32 tons 15 m/min with 45 tons
Technology and features	Frequency variation closed loop control Planetary Heavy Duty Gear Units Standard secondary brake High communality with luffing winch



# TEREX TOWER CRANES

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Brochure Reference: TC-BR-M-E-CTL702-32 / CTL 712-45-02/26

