TEREX TOWER CRANES

CTT 392-16

TEREX | TC

Now part of Raimondi

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ENVIRONMENT FRIENDLY

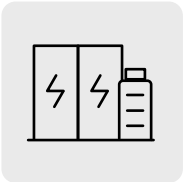
We are deeply committed to environmental sustainability, incorporating innovative designs and operational features that minimise environmental impact and enhance energy efficiency.

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need for frequent replacements, we help lower the environmental impact associated with manufacturing and disposing of outdated equipment.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 TC Now part of Raimondi, 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.

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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 instalation/dismantling
Smart-assisted assembly solutions.

Easy Setup
Fewer components to be lifted.

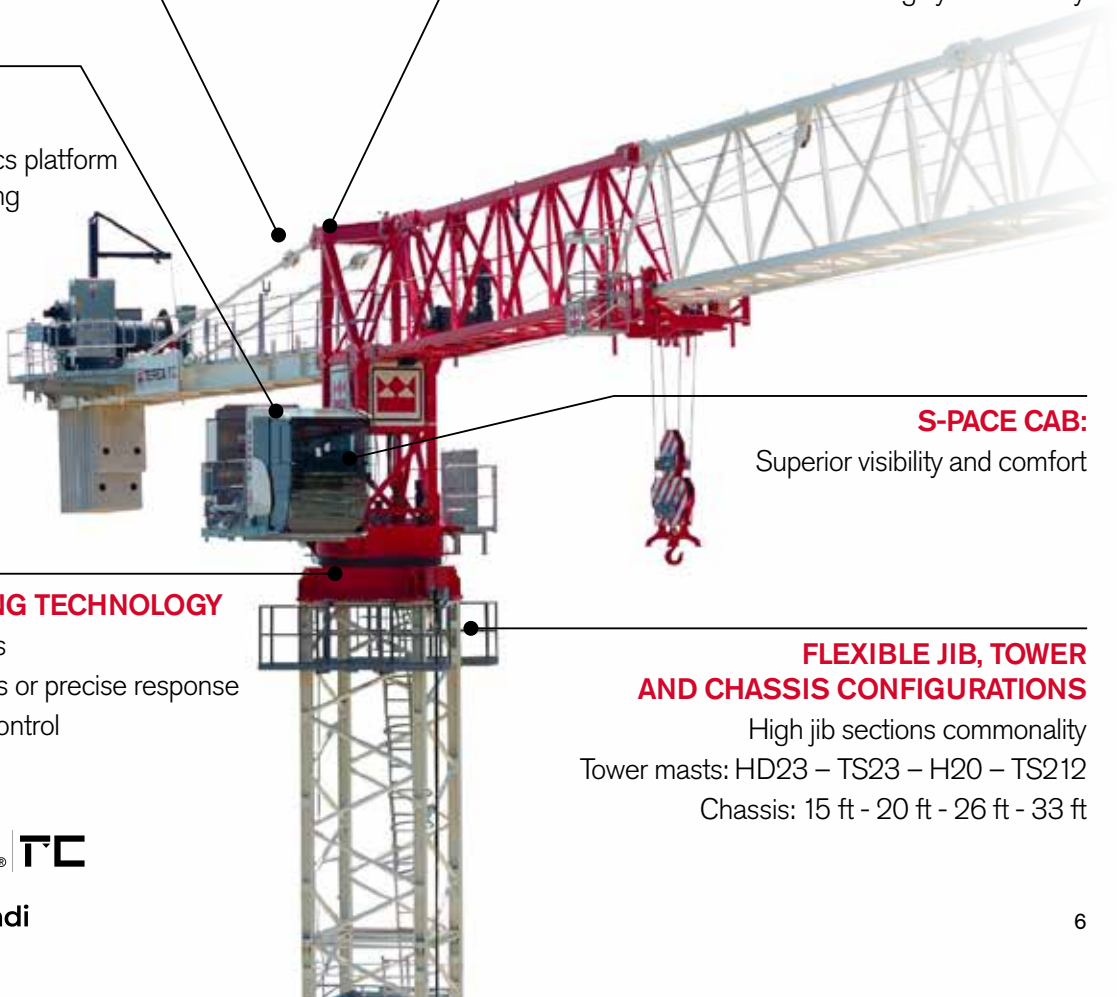
Main assembly completed on the ground.

CTT 392-16

HOIST WINCH OPTIONS:
45 kW
67 kW
80 kW

FULL CONTROL with ABB control system:
Easy set-up
Terex Power Plus (TPP): 10% power boost when needed
Terex Power Match (TPM): energy saving
Anti-Collision / Zoning systems ready

Ready for:
T-LINK Telematics platform
Anticollision and Zoning



S-PACE CAB:
Superior visibility and comfort

T-TORQUE SLEWING TECHNOLOGY
Customizable settings
Smoother movements or precise response
Extremely accurate control

FLEXIBLE JIB, TOWER AND CHASSIS CONFIGURATIONS
High jib sections commonality
Tower masts: HD23 – TS23 – H20 – TS212
Chassis: 15 ft - 20 ft - 26 ft - 33 ft

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- Jib length 82 ft -> 246 ft
- Max capacity 17,6 USt (at 70 ft with full jib)
- Tip load 3,5 USt - 3,88 USt with TPP
- Strong load chart
- Winch speed up to 640 ft/min
- Free standing height
  up to 323 ft (303 ft; C25)
- EN14439:2025 compliant

LENGTH CAPACITY

LOAD DIAGRAM . CTT 392-16

			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	246 ft
17637 lbs →	125 ft	lbs	17637	17637	17637	17637	17637	17637	16623	14345	12522	11031	9789	8737	7836	7055
35274 lbs →	68 ft	lbs	35274	35274	35274	28494	22914	18928	15939	13613	11753	10231	8963	7890	6970	6173
17637 lbs →	131 ft	lbs	17637	17637	17637	17637	17637	17637	17571	15187	13281	11721	10421	9320	8378	
35274 lbs →	71 ft	lbs	35274	35274	35274	29966	24140	19979	16858	14431	12489	10900	9576	8456	7496	
17637 lbs →	141 ft	lbs	17637	17637	17637	17637	17637	17637	17637	16642	14601	12931	11539	10362		
35274 lbs →	76 ft	lbs	35274	35274	35274	32275	26101	21692	18384	15812	13754	12070	10667	9480		
17637 lbs →	148 ft	lbs	17637	17637	17637	17637	17637	17637	17637	17637	15547	13801	12346			
35274 lbs →	79 ft	lbs	35274	35274	35274	33879	27475	22900	19469	16801	14666	12920	11464			
17637 lbs →	153ft	lbs	17637	17637	17637	17637	17637	17637	17637	17637	16245	14440				
35274 lbs →	82 ft	lbs	35274	35274	35274	35274	28756	24014	20458	17692	15479	13669				
17637 lbs →	152 ft	lbs	17637	17637	17637	17637	17637	17637	17637	17637	16094					
35274 lbs →	82 ft	lbs	35274	35274	35274	35081	28495	23790	20262	17518	15322					
17637 lbs →	148ft	lbs	17637	17637	17637	17637	17637	17637	17637	17637						
35274 lbs →	81 ft	lbs	35274	35274	35274	34899	28343	23660	20148	17416						
17637 lbs →	131ft	lbs	17637	17637	17637	17637	17637	17637	17637							
35274 lbs →	82 ft	lbs	35274	35274	35274	35114	28522	23814	20283							
17637 lbs →	115 ft	lbs	17637	17637	17637	17637	17637	17637								
35274 lbs →	81 ft	lbs	35274	35274	35274	34800	28260	23589								
17637 lbs →	98 ft	lbs	17637	17637	17637	17637	17637									
35274 lbs →	81 ft	lbs	35274	35274	35274	34750	28219									
17637 lbs →	82 ft	lbs	17637	17637	17637	17637										
35274 lbs →	82 ft	lbs	35274	35274	35274	35274										

TEREX POWER PLUS

			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	246 ft
17637 lbs →	132 ft	lbs	17637	17637	17637	17637	17637	17637	17637	15566	13761	12134	10767	9611	8619	7760
35274 lbs →	70 ft	lbs	35274	35274	35274	29572	24044	20096	17135	14832	12929	11254	9859	8679	7667	6790
17637 lbs →	139 ft	lbs	17637	17637	17637	17637	17637	17637	17637	16401	14512	12893	11463	10253	9215	
35274 lbs →	73 ft	lbs	35274	35274	35274	31030	25259	21137	18046	15641	13718	11990	10534	9302	8245	
17637 lbs →	149 ft	lbs	17637	17637	17637	17637	17637	17637	17637	17637	15822	14167	12693	11398		
35274 lbs →	78 ft	lbs	35274	35274	35274	33319	27204	22836	19560	17011	14973	13277	11734	10428		
17637 lbs →	157 ft	lbs	17637	17637	17637	17637	17637	17637	17637	17637	16759	15030	13580			
35274 lbs →	81 ft	lbs	35274	35274	35274	34910	28566	24035	20637	17993	15879	14148	12610			
17637 lbs →	165 ft	lbs	17637	17637	17637	17637	17637	17637	17637	17637	17637	15884				
35274 lbs →	85 ft	lbs	35274	35274	35274	35274	30101	25366	21815	19053	16843	15036				
17637 lbs →	164 ft	lbs	17637	17637	17637	17637	17637	17637	17637	17637	17637					
35274 lbs →	85 ft	lbs	35274	35274	35274	35274	30119	25382	21829	19065	16854					
17637 lbs →	148 ft	lbs	17637	17637	17637	17637	17637	17637	17637	17637						
35274 lbs →	86 ft	lbs	35274	35274	35274	35274	30259	25501	21933	19158						
17637 lbs →	131 ft	lbs	17637	17637	17637	17637	17637	17637	17637							
35274 lbs →	87 ft	lbs	35274	35274	35274	35274	30762	25933	22311							
17637 lbs →	115 ft	lbs	17637	17637	17637	17637	17637	17637								
35274 lbs →	87 ft	lbs	35274	35274	35274	35274	30780	25948								
17637 lbs →	98 ft	lbs	17637	17637	17637	17637	17637									
35274 lbs →	88 ft	lbs	35274	35274	35274	35274	31041									
17637 lbs →	82 ft	lbs	17637	17637	17637	17637										
35274 lbs →	82 ft	lbs	35274	35274	35274	35274										

HOIST WINCH OPTIONS AND PERFORMANCES

HOIST WINCH OPTION 45KW

Power	45 kW
Rope diameter	0.63 in
Rope max length	2494 ft
Max speed II falls / IV falls	381 ft/min - 190 ft/min
Full capacity speed II falls / IV falls	98 ft/min with 8,8 USt - 49 ft/min with 17,6 USt

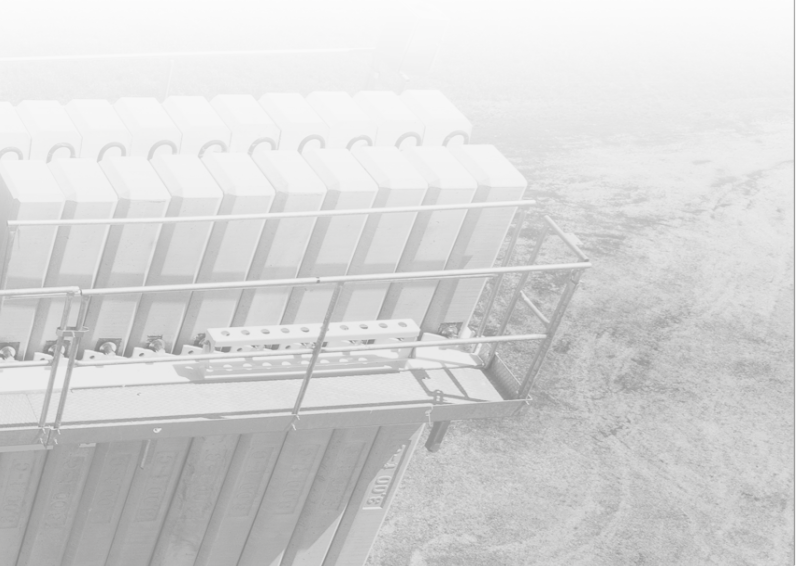
HOIST WINCH OPTION 67KW

Power	67 kW
Rope diameter	0.63 in
Rope max length	3038 ft
Max speed II falls / IV falls	492 ft/min - 246 ft/min
Full capacity speed II falls / IV falls	144 ft/min with 8,8 USt - 72 ft/min with 17,6 USt

POWERFUL PRECISION

HOIST WINCH OPTION 80KW

Power	80 kW
Rope diameter	0.63 in
Rope max length	3038 ft
Max speed II falls / IV falls	640 ft/min - 318 ft/min
Full capacity speed II falls / IV falls	171 ft/min with 8,8 USt - 85 ft/min with 17,6 USt



TROLLEY

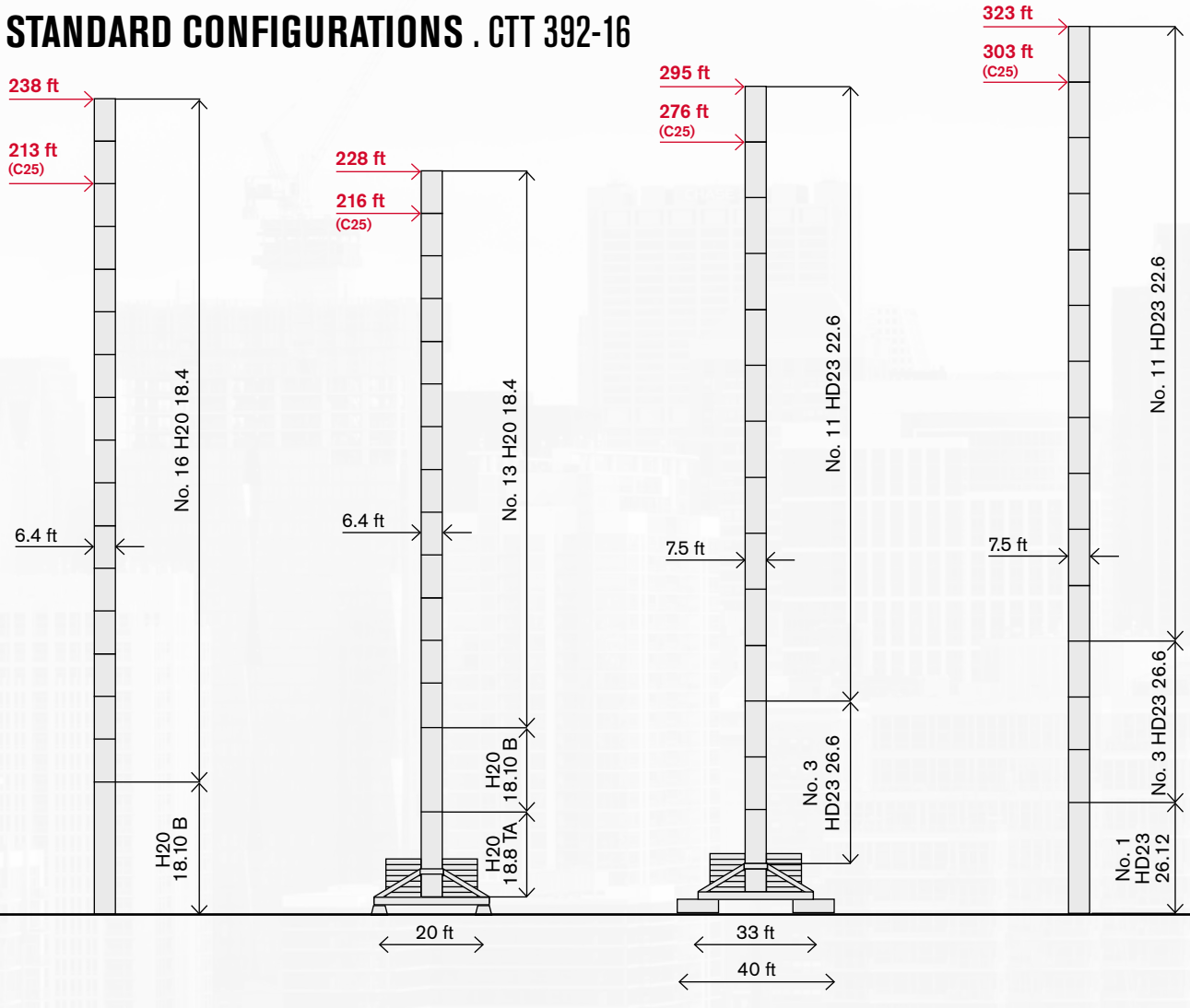
Power	9,2 kW
Rope diameter	0,39 in
Speed	0 - 154 - 325 ft/min

SLEWING

Power	2 x 11 kW
Max speed	0,78 rpm
Technology	T-torque

JOBSITE EFFICIENCY

STANDARD CONFIGURATIONS . CTT 392-16



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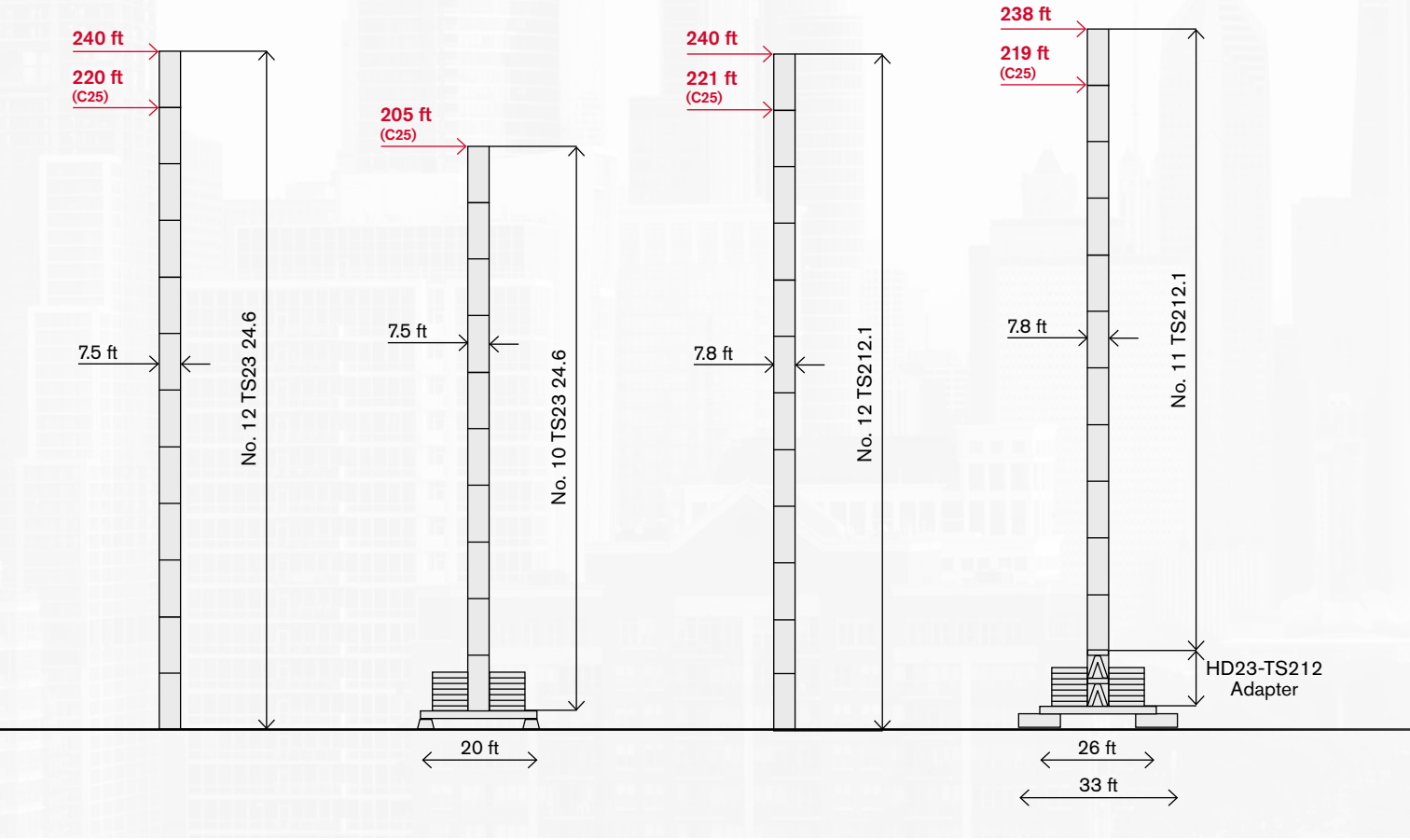
4 TOWER SYSTEMS H20 | HD23 | TS23 | TS212



A FULLY EQUIPPED SOLUTION FOR YOUR JOB SITES

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.

S-Pace 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.

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.

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