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CITY CLASS FLAT TOP TOWER CRANES

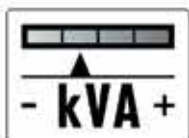
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Terex Power Plus



Terex Power Match



T-Torque slewing

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CTT 132-6	6 t	60 m	1.4 t
CTT 172-8	8 t	65 m	1.5 t
CTT 202-8	8 t	65 m	2.1 t
CTT 202-10	10 t	65 m	2.1 t

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2022 - AN EXTREMELY ANNUS HORRIBILIS

Queen Elizabeth II described 1992 as her Annus Horribilis - a year of disasters or misfortunes. I am sure that had she lived a few months longer, 2022 would also have qualified. Global inflation and rising costs, exacerbated by the pandemic, Russia's invasion of Ukraine, incompetent governments - mainly in the UK but elsewhere too - and weather extremes as average temperatures continued to rise - almost to the point of no return if delegates at the COP27 Conference in November are to be believed.

One of the key news events was the death of Queen Elizabeth II at the age of 96 after 70 years and 214 days on the throne - the longest reign of a British monarch and the longest reigning female monarch in history.

The event that had the most impact was surely Russia deciding to invade neighbouring Ukraine. The resulting economic shock caused energy and food price hikes, along with global shortages of a wide range of components, commodities and other goods - who knew that so much stuff came from Ukraine?

The UK created its own political and financial chaos and is now the laughing stock of the world, with three Prime Ministers in as many months, spooking the financial markets enough to rack up £50 billion of additional debt in a few days. The resulting interest rates are at their highest for more than a decade and well ahead of other major economies.

There were of course several sporting highlights including the Winter Olympics in Beijing, the Women's Euros (with England finally winning a major football tournament) and Argentina beating France in the football World cup final.

Here are a few of the stand out stories from around the world.

JANUARY

- NASA's James Webb Space Telescope - the most complex ever built - reaches its destination.
- In the US, David Bennett becomes the first person to receive a transplanted heart from a genetically modified pig.
- The UK's Prince Andrew fails in a bid to dismiss a US civil sex assault case.
- The eruption of a submarine volcano in Tonga, triggers tsunami warnings in Australia, Canada, Chile, Fiji, Japan, New Zealand, Samoa and the USA.
- Reports emerge of parties held in Downing Street - the UK PM's residence - at a time when indoor socialising was banned.

FEBRUARY

- Russia invades Ukraine and quickly becomes the largest armed conflict in Europe since World War II.
- Oil prices exceed \$100 a barrel for the first time since 2014.
- Queen Elizabeth II celebrates her Platinum Jubilee marking 70 years on the throne.
- Germany surpasses 10 million Covid cases.



- Three Minneapolis police officers are tried for the murder of George Floyd.

MARCH

- Billionaire Roman Abramovich and many other Russian oligarchs are sanctioned by European countries.



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- The 2022 Winter Olympics are held in Beijing, China, the first city to host both Summer and Winter Olympics.
- CODA wins the Oscar for Best Picture.
- China Eastern Airlines Flight 5735 crashes in Guangxi, China, killing all 133 people on board.

APRIL

- The UK government announces a plan for eight new nuclear reactors.
- Global food prices increase to their highest level since the UN's Food Price Index began in 1990, with commodities such as wheat rising by nearly 20%.
- UK prime minister Boris Johnson, wife Carrie and Chancellor Rishi Sunak are fined for breaking lockdown rules making Johnson the first sitting UK Prime Minister found guilty of breaking the law.
- A European Southern Observatory team announce the discovery of micrometeoroids, a new type of exploding star.



MAY

- Monkeypox (renamed mpox) cases appear in Europe and then North America.
- Eurovision 2022 is held in Turin, Italy, won by Ukrainian folk-rap group Kalush Orchestra with the song 'Stefania'.



- UK inflation hits 9% the highest of any G7 nation.
- North Korea resumes ballistic missile tests.
- Finland and Sweden apply to join Nato.



JUNE

- The UK suffers the biggest railway strike since 1989.

- At least 50 people are killed in a dual mass shooting-bomb attack in Owo, Nigeria.
- 53 migrants are found dead in a tractor trailer in San Antonio, Texas.
- UK PM Boris Johnson wins Tory party no-confidence vote but 41% of MPs vote against him.
- First public hearings regarding the January 6th attack on the US Capitol.
- The controversial Saudi-backed LIV Golf Invitational Series gets underway.
- Flooding in Bangladesh and nearby Indian states leave four million stranded and without electricity, with at least 41 dead.



- Japan records its highest ever June temperature.

JULY

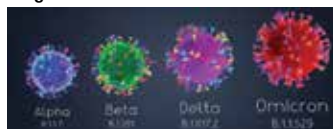
- Carlos Sainz wins the 2022 British Grand Prix - his first F1 win.
- Boris Johnson resigns.
- A series of heatwaves hit Europe causing at least 53,000 deaths, wildfires, drought and travel disruption.
- England win UEFA Women's Euro 2022, beating Germany 2-1, England's first major football victory since 1966.
- The 2022 Commonwealth Games is held in Birmingham, England.

AUGUST

- The first of a new wave of Moon exploration begins with South Korea's Danuri probe to orbit the Moon for a year.



- Israel launches airstrikes in the Gaza Strip, killing Tayseer Jabari.
- The 2022 Asia Cup - held in the UAE - is won by Sri Lanka.
- An updated Moderna vaccine offers protection against the original Covid-19 virus as well as the Omicron variant.



SEPTEMBER

- China and India approve needle-free Covid-19 vaccines.
- Liz Truss becomes UK Prime Minister.
- UK chancellor Kwasi Kwarteng delivers a 'fiscal event' which sends the financial markets into turmoil.



- Queen Elizabeth II dies at Balmoral Castle in Scotland.
- Prince Charles becomes King of the UK and several Commonwealth Nations.
- The G7 economies agree a price cap on Russian oil exports.
- NASA's DART crashes into the asteroid Dimorphos in a first test of potential planetary defence.



OCTOBER

- Brazil elects Luiz Inácio Lula da Silva as president defeating Jair Bolsonaro.



- A fatal human crush occurs at a football match in Indonesia, killing 131 and injuring more than 500.
- UK PM Liz Truss resigns after 44 days - the shortest in UK history.
- Rishi Sunak becomes new UK Prime Minister.
- Elon Musk completes his \$44 billion acquisition of Twitter.
- Xi Jinping secures record third term as general secretary of the Chinese Communist Party.



NOVEMBER

- COP 27 takes place in Egypt and agrees a new 'loss and damage' fund to help low income countries cover the cost of climate change.
- The UK Supreme Court rules that the Scottish Government cannot hold a second independence referendum without the UK government's consent.
- Fifth Israeli election in less than four years won by Benjamin Netanyahu.
- US Federal Reserve hikes interest rates to its highest levels since 2008.
- Ukrainian army pushes Russia out of occupied territory taking back the city of Kherson.
- Afghanistan's Taliban bans women from using public parks and funfairs.



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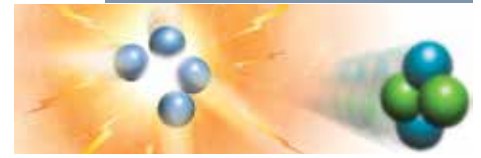
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DECEMBER

- Conservation and politicians make progress at the UN's Convention on Biological Diversity Conference (COP15) in Montreal, Canada.
- Argentina wins the FIFA World Cup held in Qatar.
- China drops its Zero-Covid strategy after a series of demonstrations.



- Researchers at Lawrence Livermore National Laboratory's National Ignition Facility in the USA achieves the first controlled fusion experiment in history generating more power than it consumed.

AND NOW, THE INDUSTRY NEWS HIGHLIGHTS FROM 2022



Denmark's **BMS Heavy Cranes** orders a 3,000t **Huisman** electric powered ring crane.



Snorkel builds its 10,000th 19ft S3219E at its Elwood, Kansas plant.

XCMG launches two high capacity telescopic cranes - the 1,800 tonne, nine axle XCA1800 All Terrain and the 2,000 tonne XCC2000 telescopic crawler crane.



Zoomlion unveils its first all-electric RT articulated boom lift, the 51ft ZA16JERT.



Wolffkran launches an 800 tonne/metre low top tower crane, the Wolff 8076 Compact.

JLG unveils a new Electric conversion kit for diesel powered 660SJ 66ft boom lifts.

Dutch rental company **1.2.3. Machineverhuur** takes the first **Genie** S-80 J TraX boom lifts.

Dingli introduces a 26 metre boom lift-based glass handling machine.

JLG launches a retrofittable four track option for its 60ft 600S and 66ft 660SJ telescopic boom lifts.



Dingli releases two new heavy-duty narrow-aisle scissor lifts - the 86ft JCPT2814DC and the 99ft JCPT3214DC.



Liebherr unveils a 300 tonne All Terrain - the LTM 1300-6.3 - with 90m boom.



Dingli breaks ground on a brand new 240,000 square metre plant in Zhejiang, China.

Sennebogen releases its own brand version of the 100t tele crane first launched as the **Grove** GHC110.

Liebherr adds to the top end of its EC-B series of flat top tower cranes with the 16/20t 470 EC-B.



JLG releases two new 'wide bodied' 26ft scissor lifts - the electric drive ES2646 and hydraulic drive R2646.

Tadano launches a 12t telescopic loader crane - the TM-ZX1200 Series - for the international market.



Manitou is to invest \$80 million in its North American manufacturing facilities in South Dakota.

Falcon Lifts launches its new 38 metre, 380XL Vario telescopic spider lift.



Tadano launches a new 16 tonne, fifth generation City type RT crane for the Japanese market - the GR-160N/Crevo 160 G5.

Dingli adds wide RT versions of its 99ft JCPT3225DC and JCPT3225RT scissor lifts.



Tadano launches two axle 40 tonne AC 2.040-1 the first new generation AT.

The EU approves the **Cargotec/Konecranes** merger with some tough conditions.

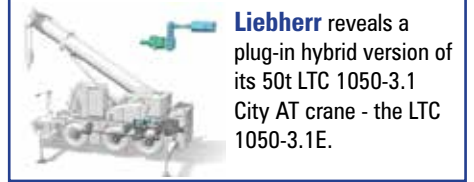
UK based **Metal and Modular** launches the six metre working height, manually elevated Navigator 6.0.



Haulotte enters the low level aerial lift market with seven models with working heights of less than six metres.



Potain launches the 40t MCT 805 flat top tower crane which will be built in China.



Liebherr reveals a plug-in hybrid version of its 50t LTC 1050-3.1 City AT crane - the LTC 1050-3.1E.



Liebherr announces an all-new 2,500 tonne LR 12500-1.0 crawler crane - Belgium's Sarens places first order.

Marchetti launches two electric versions of its 25t CW25.35 Sherpina telescopic crawler crane.



MEC unveils a 16ft all-electric self-propelled mast lift - the MMAE16.

Versalift UK takes over the exclusive distribution of **Ruthmann** truck mounted platforms in the UK and Ireland.

UK crane rental company **Quinto Crane & Plant Hire** calls in the administrators.

UK crane sales and service company **Foster Cranes** takes the first 60 tonne **Sany** SCE 600TB in the UK.



Dingli introduces five new 'Oil-Free' self-propelled lifts using electric actuators in place of hydraulic cylinders.



Spanish manufacturer **Mecapuls** unveils an all-electric 50ft articulated 4x4 self-levelling boom lift, the E-SL 17.2.

Comet finalises its new range of Leopard spider lifts with working heights of up to 25 metres.



Tadano announces the development of a new all-electric Rough Terrain crane.

Liebherr releases the new 100 tonne LR 1100.1 lattice crawler crane.

Grove announces its eighth telecrawler crane - the 80t GHC85.



Niftylift unveils two new 'low weight' all-electric booms at Vertical Days - the 45ft HR 15E and 50ft HR17E.



Terex Utilities launches a 16.8m all-electric truck mounted lift.



LGMG launches 14, second generation slab electric scissor lifts and four new H-Series high/dual capacity diesel powered telescopic boom lifts.

The UK's **Health & Safety Executive** issues an alert regarding a serious technical fault it found on some mastclimbers.



Grove launches the four axle 100 tonne TTS9000-2 truck crane with all wheel steer.

Sinoboom Europe ships the first units from its production facility in Poznań, Poland.

Isoli launches the 29 metre PNT 290 articulated truck mounted platform on an 11 tonne, two axle chassis.



A Dutch court rules that **Mammoet's** allegation that **Huisman** had infringed its intellectual property rights with the 3,000 tonne ringer crane for **BMS** was unsubstantiated and illegal.



Crosby Airpes introduces a new wind turbine rotor blade replacement lifting system that does not require a big crane.



c&a
24.4
July/August
industry
news

Böcker launches the 230V/battery powered four tonne AK 37e aluminium truck crane.



Jekko launches a new 990kg capacity all-electric Mini Picker pick & carry crane.



Haulotte completely upgrades its Compact range of slab electric scissor lifts.

The UK Court rules that **Manitou** infringed **JCB**'s stability control patent for telehandlers but dismissed JCB's claims that Manitou had infringed three other patents.

Euro Auctions raises £5.1 million from the sale of 22 cranes from the **Quinto** fleet.

Time Manufacturing acquires France's **France Elévateur** and its Spanish affiliate **Movex**.



Manitowoc - Grove, Potain and National Crane - pulls out Conexpo 2023 in Las Vegas.

A UK court ruled on the 2013 incident in which a new **Genie** Z-135/70 boom lift owned by **Kimberly Access** overturned killing the operator Rick Jaeger-Fozard, 29.



UK's **Crowland Cranes** restores a six tonne Hydrocon Highlander lattice truck crane for **John Sutch**.

Tadano upgrades its 180t GTC-1800EX to the 200t GTC-2000 and harmonises telecrawler nomenclature.



c&a
24.5
September/
October
industry
news



Grove launches a 70 tonne truck crane - TMS800-2 - replacing the TMS800-E.



Germany's Uplifter is appointed **SPT** spider crane distributor for Western Europe and appoints **Alan Peck** for the UK.

Scotland's **Whyte Crane Services** appoints an administrator and ceases trading.

Alimak acquires **Tractel** - the façade platform, mastclimber and lifting tackle manufacturer - for €500 million in cash.

Genie launches the optional 'Lift Guard' white noise alarm.

Dingli launches three telescopic boom lifts - the 112ft BT36RT, the 129ft BT41RT and 139FT BT44RT - each with a choice of three power sources.



Sennebogen announces a new electric telescopic crawler crane - the 50 tonne 653 E Electro Battery.

UK based **M&M Mobile Crane Hire** appoints an administrator and ceased trading.

Hiab launches a 90 tonne/metre loader crane - the iQ.958 HiPro.



Dingli launches the first of a new M series of telescopic booms starting with the 106ft electric BT34ERT and diesel BT34RT.



Dinolift announces all-electric versions of its low weight RXT boom lifts.



Manitou purchases the intellectual property of French platform manufacturer **ATN Platforms**.





The 250t **Manitowoc** 999 lattice boomed crawler crane is updated and upgraded into the MLC250.

Dingli adds three more all-electric scissor lifts to its 'Oil-Free' free line up.



Dingli launches the D-Series range of lighter weight boom lifts, based on its modular low gravity boom lift concept.



XCMG announces two new telehandlers - the six metre/2,500kg XC6-2506E and North American 17.2m 1056VN.

Wolffkran assembles the prototype of the new 8076 Compact tower crane.

Genie announces a Lithium-ion battery option for its GS E-Drive electric scissor lifts.

Klubb acquires aerial lift and recovery truck manufacturer **Isoli** including its plant in Fontaniva, Italy.



Hinowa starts manufacturing **JLG**'s new 'Gen 2' versions of the 45ft EC450AJ and 52ft EC520AJ boom lifts.

Bobcat launches the compact 2,500kg/six metre TL25.60 telehandler.



Manitou unveils a four model telehandler line - the seven metre MT 753, nine metre MT 935, 11 metre MT 1135 and 13 metre MT 1335.



Loader crane manufacturer **PM** launches the 70.5 SP Platinum.

Mammoet announces a fixed jib configuration for its 6,000 tonne SK6000.

Riwal says it is considering pulling out of the UK market.



XCMG unveils a 60 tonne hybrid European All Terrain crane - the XCA60 E - powered by a 170kW electric motor.

CMC unveils the 27m S27 and 30m S30 spider lifts.



Böcker launches the six tonne AK48e all-electric truck crane.

Oshkosh announces the acquisition of Hinowa from the **Fracca** family.

JCB unveils a new sub compact telehandler - the 1,400kg/four metre 514-40 - its smallest so far.

Grove unveils two new cranes at Bauma - a 100t GRT8100-1 Rough Terrain and the four axle, 70 tonne GMK4070L All Terrain.



Tadano launches a four axle 70 tonne All Terrain - the AC 4.070.2 - with 50 metre boom.



Palazzani unveils the 58 metre Ragno TTZJ 58, the world's largest spider lift.

Potain launches a new six tonne MDT City tower crane with a 60m jib.

Liebherr launches the 130 tonne, two axle LRT 1130-2.1 with 60m boom.



LGMG unveils the 10m M0810JE mast boom and the 12ft M0407TE mast type lift.

UK's **Flannery Plant Hire** purchases the first 17m/4,500kg **Faresin** Full Electric 17.45.

THOSE NO LONGER WITH US

Industry deaths 2022



Eric Guiot - 76 - former CEO of French rental company Salti

Derek Gow - 53 - commercial director at UK crane rental company Ainscough



Amilcare Merlo - 87 - founder of Italian telehandler manufacturer Merlo

Richard Sowter - 66 - ex Grove and Grove Manlift DM in the 1980s



Arnold Gardemann - 72 - a pioneer of the German powered access rental market



Roger van de Weghe - 76 - of Belgian crane and access rental company Van de Weghe

Thomas Wiesbauer - 53 - managing director of Germany's Wiesbauer



David Steel - 83 - former managing director of manufacturer Coles Cranes

Tony Thornton - 55 - UK tree specialist and powered access entrepreneur



Reinhold Bräuner - 85 - tower crane specialist, founder of MTI-Lux



Mark Hollister - 70 - US crane industry veteran - Link Belt, Simms, Ringpower

Ian Gamble - 81 - UK access and general rental veteran and mentor



Martin Davies - 56 - former access and crane sales manager

Hermann Paus - 89 - founder of crane, hoist and aerial lift manufacturer Paus



Frank Hasenfratz - 86 - founder and chairman of Skyjack owner Linamar



Jean-Louis Olivier - 69 - founder & former CEO of French tower crane anti-collision manufacturer SMIE

Fil Filipov - 75 - owner of crane and excavator company Atlas and past president of Terex Cranes



Celebrity deaths 2021

Peter Bogdanovich, film director (b. 1939)



Sidney Poitier, actor (b. 1927)

Toshiki Kaifu, 48th Prime Minister of Japan (b. 1931)

Monica Vitti, Italian actress (b. 1931)



Ronnie Spector, American singer - the Ronettes (b. 1943)

Ronnie Hellström, Swedish footballer-goalkeeper (b. 1949)

Douglas Trumbull, American film director (b. 1942)



Meat Loaf, singer and actor (b. 1947)

Gary Brooker, British singer, songwriter - Procol Harum (b. 1945)

Rod Marsh, Australian cricketer (b. 1947)

Shane Warne, Australian cricketer (b. 1969)



Frank O'Farrell, Irish footballer and manager (b. 1927)

William Hurt, American actor (b. 1950)

Kunimitsu Takahashi, Japanese racing driver and team owner (b. 1940)



Madeleine Albright, American politician/secretary of State (b. 1937)

Taylor Hawkins, American musician - Foo Fighters (b. 1972)

Leonel Sánchez, Chilean footballer (b. 1936)

Jack Higgins, author - The Eagles has Landed (b. 1929)

Kane Tanaka - oldest verified person living (b. 1903)

Vangelis, composer - musician Chariots of Fire (b. 1943)



James Caan, American actor (b. 1940)

Ray Liotta, American actor/producer - Goodfellas (b. 1954)

Jean-Louis Trintignant, French actor - filmmaker (b. 1930)

Kazuki Takahashi, Japanese manga artist (b. 1961)

Shinzo Abe, 57th Prime Minister of Japan (b. 1954)

David Trimble, Irish politician and Nobel Peace laureate (b. 1944)



Issey Miyake, Japanese fashion designer (b. 1938)

Judith Durham, Australian singer - The Seekers (b. 1943)



Olivia Newton-John, singer and actress (b. 1948)

Raymond Briggs, English author/cartoonist (The Snowman) (b. 1934)

Hanae Mori, Japanese fashion designer (b. 1926)



Queen Elizabeth II (b. 1926)

Wolfgang Petersen, German film director/producer Das Boot (b. 1941)

Jean-Luc Godard, French-Swiss film director (b. 1930)

Mikhail Gorbachev, 8th and final leader of the Soviet Union and Nobel Peace Prize recipient (b. 1931)



Robbie Coltrane, actor and comedian (b. 1950)

Hilary Mantel, English historical novelist - Wolf Hall (b. 1952)

Loretta Lynn, American country singer/songwriter (b. 1932)

Pelé, Brazilian footballer (b. 1940)



Angela Lansbury, actress and singer (b. 1925)

Jerry Lee Lewis, musician (b. 1935)



Barbara Walters, American broadcast journalist (b. 1929)

Christine McVie, musician/songwriter (Fleetwood Mac) (b. 1943)

George Cohen, English footballer (b. 1939)

June Brown, British sit com actress - Dot Cotton, East-enders (b. 1927)



Vivienne Westwood, British fashion designer (b. 1941)

Anita Pointer, singer - Pointer Sisters (b. 1948)



Pope Benedict XVI (b. 1927)