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2024: A YEAR OF CHANGE AND CHALLENGES

2024 has been a transformative period marked by many significant events across the globe from political upheavals, continual conflicts and climatic extremes. Here are a few of the highlights that shaped last year.

DESTRUCTIVE WEATHER

Numerous natural disasters made headlines throughout the year, most notably Hurricane Helene making landfall in Florida, with more than 230 deaths and damage costing up to \$200 billion. However, climate extremes were felt in many other countries, including extreme flooding in parts of European with the worst in eastern Spain which took around 200 lives.



NEW POLITICAL LEADERS

2024 was a year of political change. In November Donald Trump achieved a decisive victory in the US presidential election, with his party gaining control of both the house and the Senate. He had previously been found guilty of 34 felony counts of falsifying business records and survived an assassination attempt in Pennsylvania in July.

In the UK the Labour party achieved a landslide victory with Kier Starmer replacing Rishi Sunak as prime minister. Claudia Sheinbaum became Mexico's first female president and Muhammad Yunus took over the government in Bangladesh following the resignation and flight of former prime minister Sheikh Hasina Wazed. Iranian

president Ebrahim Raisi died in a helicopter crash with reform oriented Masoud Pezeshkian elected in his place.



After 13 years of civil war in Syria, Bashar al-Assad was ousted as the country's leader, while in South Korea president Yoon Suk Yeol was impeached after trying to implement marshal law.

OLD AND NEW CONFLICTS

The year contained a complex and confusing web of conflicts, particularly in the Middle East and Eastern Europe. In November the world marked 1,000 days since Russia invaded Ukraine, with at least 30,000 Ukrainians killed in action while more than 700,000 Russian troops are said to have been killed or wounded.

The world's battle lines are becoming more and more confusing with the toppling of Syria's President Assad, North Korean soldiers fighting for Russia, British and US missiles sent to Ukraine and fired at Russia, Iranian missiles shipped to Russia, US-armed Israeli air strikes in Lebanon and Gaza and Yemeni missiles fired at Israel.

PARIS SUMMER OLYMPICS

The July/August Summer Olympics in Paris, France captured the world's attention. With



record participation and remarkable performances, the Games emphasised sustainability and inclusivity, leaving a lasting legacy for future events. The standout athletes during the two week event included American gymnast Simone Biles and swimmers Leon Marchand of France and Torri Huske of the US.

Here are a few other events that made the news:

JANUARY

Danish Queen Margrethe II abdicates after 52 years on the throne. Her eldest son, Crown Prince Frederik becomes King Frederik X.

In an all English final, Luke Humphries claims his first PDC World Darts Championship with a 7-4 win over 16 year old Luke Littler in London



IN THE NEXT ISSUE OF

C&A

Place your products in front of 31,000 crane, telehandler and access platform buyers & users who will be reading the January issue of **Cranes & Access...**



THIS ISSUE WILL INCLUDE:

HEAVY/ALTERNATIVE LIFTING

We review a selection of heavy and alternative lifting equipment as well as looking at some interesting applications.



BOOM LIFTS

There is always plenty of boom lift developments to keep up to date with. We look at the latest market and product trends...if you have any news or information to share, get in touch now.

WIND SPEED MONITORS

A first feature for wind speed monitors which are becoming a more important tool as weather patterns change. We take a look at the latest developments, products and their performance.



BATTERY/POWERPACK/ENERGY DEVELOPMENTS

There has probably been more developments and new products in the battery/energy sector than any other over the past 12 months. We review what has been happening.



SHOW REVIEWS

We review the ARA show in Las Vegas and the UK's Executive Hire Show.



Every issue of **C&A** is also packed with our **regular columns** and **news** plus **reader's letters**, **books**, **models**, **training**, along with the latest news from **CPA**, **ALLMI**, and **IPAF**.

BAUMA 2025 PREVIEW

Ahead of the mega show in Munich in April, we will give a flavour of products that should be on show.



Send any information, news, photographs or ideas on these subjects to editor@vertikal.net

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MAY

Israeli army moves into the city of Rafah, where more than half of the population of the Gaza Strip was sheltering.

South Africa's 2024 national election marks the first time the African National Congress, the ruling party since 1994 is unable to win a majority and has to form a coalition government with other parties.

JUNE

Nvidia briefly surpasses Microsoft to become the most valuable company in the world. Over the next six months the title changes hands several times between Nvidia, Microsoft and Apple, all of which have market caps over \$3 trillion.

WikiLeaks founder Julian Assange pleads guilty to US charges of illegally obtaining and disclosing national security information. He is subsequently freed from a British prison and allowed to return to Australia.

US President Joe Biden and Donald Trump face off in the first presidential debate of 2024. Biden's disastrous performance results in him dropping out of the race in July.

India defeats South Africa to win its second ICC T20 Cricket World Cup.

JULY

Earliest example of narrative cave art depicting people hunting is discovered in caves in Maros-Pangkep, Indonesia, they were done 51,200 years ago.

French elections produce an unexpected result with a left wing alliance New Popular Front winning most votes but not a majority, far right National Rally come third after winning the first round.

AUGUST

US Vice President Kamala Harris is nominated as the Democratic presidential candidate, the first Black woman and the first Asian American in US history to be nominated by a major party.

US and Russia complete their biggest prisoner swap since the Cold War, involving seven countries and 24 people including journalist Evan Gershkovich and Paul Whelan

Drone strikes on Rohingya Muslims in Myanmar's western Rakhine state are thought to have killed 200, raising further claims of ethnic cleansing.

SEPTEMBER

World's first whole eye and face transplant is declared successful for a 47 year old Arkansas man more than a year after the operation.

Typhoon Bebinca is the strongest storm to hit Shanghai in 75 years with winds of 151kph (94 mph), bringing the city to a standstill, with 400,000 people evacuated.

Norway becomes the first country where electric cars outnumber internal combustion vehicles, aided by tax rebates.

Myanmar confirms at least 226 people died because of Typhoon Yagi, with flooding affecting more than 631,000 people.

OCTOBER

Spanish researchers reveal Christopher Columbus as probably Spanish and Jewish and born in Valencia and not an Italian from Genoa as he claimed.

SpaceX completes the first recapture of a rocket, as its Starship rocket booster is caught by a giant pair of mechanical arms.

Israel claims to have killed Hamas leader Yahya Sinwar, one of the masterminds of the Oct 7th attack on Israel.

NOVEMBER

Archbishop of Canterbury Justin Welby resigns amid criticism of his handling of child abuse allegations within the Church of England.

US president Joe Biden announces a ceasefire deal meant to end hostilities between Hezbollah and Israel.

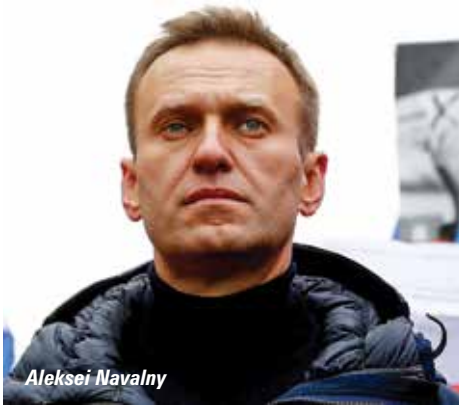
DECEMBER

Former U.S. president Jimmy Carter dies at 100. He was awarded the Nobel Prize for Peace in 2002.

South Korean president Yoon Suk Yeol declares martial law for the first time in 50 years.

Dutch driver Max Verstappen claim his fourth consecutive World Formula 1 title.

A South Korean Jeju Air plane crashes and explodes trying to land without landing gear at Muan International Airport, killing 179 out of 181 on board.



Aleksei Navalny

FEBRUARY

Taylor Swift wins a record fourth Grammy Award for album of the year *Midnights* (2023). She also made news with her Eras tour, which grossed \$2 billion by its final show in December.

Russian anti-corruption activist and politician Aleksei Navalny, one of the most prominent domestic critics of Russia's president Vladimir Putin, dies aged 47 while in prison.

MARCH

Christopher Nolan's film *Oppenheimer* is the big winner at the Academy Awards, receiving seven Oscars, including best picture.

Container ship *Dali* collides with Baltimore's Francis Scott Key Bridge, causing it to collapse, killing six people.



APRIL

Iran strikes Israel with hundreds of drones and missiles bringing the two regional powers into a direct military confrontation.

Madonna's free concert on the beach in Brazil is attended by 1.6 million fans, making it the largest standalone concert event in history by a recording artist.

Madonna concert



Paris Olympics



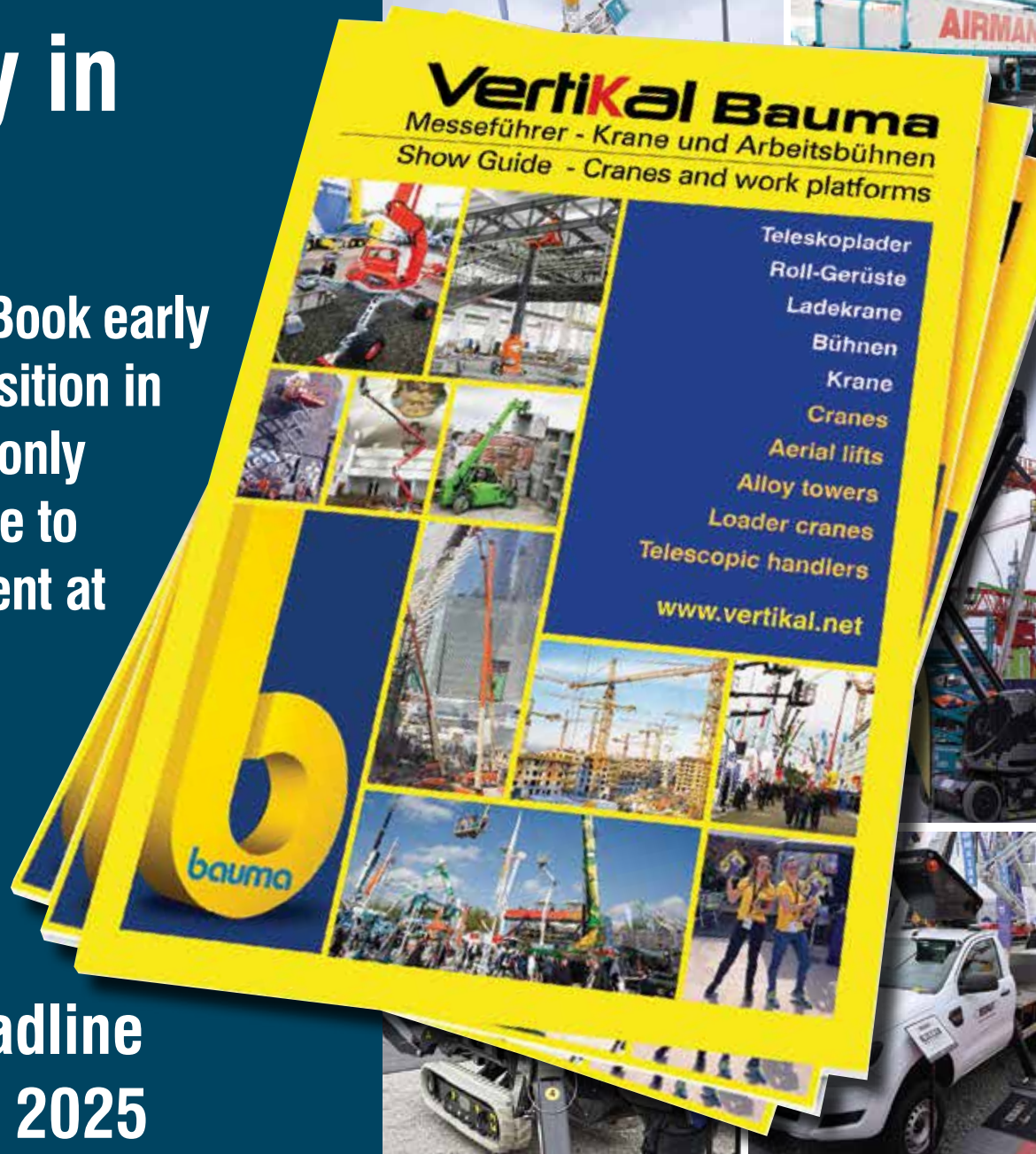
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Artwork deadline
14th March 2025

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April 7th - 13th 2025

INDUSTRY NEWS HIGHLIGHTS FROM 2024



Liebherr Eningen delivers more than 2,000 cranes in 2023 for the first time in its history.

LGMG starts production on its new \$140 million plant in Mexico initially supplying electric articulated booms to North America.

Five people die in **Stockholm**, Sweden when an **Alimak** 650 hoist falls 20 metres due to missing mast bolts.



Tadano acquires Japanese tracked aerial lift manufacturer **Nagano** from private equity firm **JAFCO**.



Almac launches its 990kg capacity **T-1060** tracked, self-levelling pick & carry crane.



Kobelco announces the European version of its 75 tonne TK750G telescopic crawler crane - the **TKE750E**.



Magni unveils two heavy duty, eight tonne capacity 360 degree telehandlers - the 35 metre RTH8.35 and the 46 metre RTH8.46.

The UK's **Nationwide Platforms** is fined £900,000 after **Lee Benham** was fatally crushed between two scissor lifts at its depot in Cornwall.

Manitou and **JCB** call a truce in their patent infringement legal battle.

Liebherr launches the 800 tonne **LG 1800-1.0** wheeled lattice crane aimed at the wind turbine market.

Potain installs the first 14 tonne MR229 luffing jib tower crane on a project in Greenwich, UK.



Teupen launches a 27 metre Leo 27GTplus spider lift.

Haulotte launches two versions of its 46ft all-electric HA 16 RT boom.

Tadano announces the closure of its **Walterscheid** facility.

Boels Rental acquires fellow Dutch rental company **Riwal** from **Pro-Delta**.

Skyjack unveils two new Canadian designed and built micro scissor lifts, the 13ft SJ3213 micro and 19ft SJ3219 micro.

Crane rental companies in some parts of **England** experience extreme difficulties with road embargoes.

A brand new, four model range of material lifts from 3.5 to eight metres is launched under the **ToughLift** brand.



Jekko starts production of its 6.15 tonne JF235 articulated spider crane.

Terex Tower Cranes launches a new six tonne flat top tower crane, the 150 tonne/metre **CTT 152-6**.



Spanish manufacturer **Mecaplus** delivers its first 34ft T12SL 4x4 self-levelling scissor lift.



Sinoboom enters the telehandler market with three models including two fixed frame and one 360 degree machines.



XCMG launches the world's largest All Terrain - the 4,000 tonne, 11 axle **XCA4000** - that can lift 230 tonnes to heights of 170 metres.

LGMG launches its largest scissor lift - the all-electric 65ft Rough Terrain SR2024E - and its largest boom, the 126ft T38J-H telescopic.



Bulten Bouwmaterieel in the Netherlands starts assembling self-erecting tower cranes under the **Giraffe Cranes** brand.

Italian crane manufacturer **Locatelli** launches its largest Rough Terrain to date, the 100 tonne **Gril 110.100**.

US based **Altec** acquires German spider lift manufacturer **Teupen** Maschinenbau from owner **Martin Borutta**.

Haulotte upgrades its 60ft HA20 RTJ articulated boom lift adding dual platform capacities and other features.

Potain launches two new luffing jib tower cranes - the **MR 309** and **MR 329** - with a choice of 16 or 25 tonne maximum capacities.

JLG and **Hinowa** owner **Oshkosh** acquires Spanish manufacturer **Ausa**.

Hiab launches a new line of WSPR electric/hybrid loader cranes that run from the chassis engine or a battery driven ePTO.

While smaller than in the past **Intermat 2024** attracted 127,500 visitors, 21 percent from outside France.

Niftylift launches a new harness attachment sensor for its boom lifts dubbed the **'ClipOn'**.



Italian manufacturer **Axolift** launches a five metre push around scissor - the **P300**.



Spanish manufacturer **Jaso** launches a new material lifting attachment for its GP40 mastclimber, the 'Monorail system'.



Liebherr launches the six axle 400 tonne **LTM 1400-6.1** All Terrain crane at its Customer Days in Germany.



Dingli announces it will launch the world's largest scissor lift - the 115ft 3730HRT - by year end.

The **European Union** issues its initial findings of its investigation into claims that Chinese aerial lift manufacturers have been selling at 'dumping prices'.

The **US government** is to place a 25 percent tariff on imports of Chinese built Ship to Shore (STS) port cranes.

Kran & Bühne - the leading crane and access magazine in German speaking countries and part of the **Vertikal Press** - publishes its 200th edition.



Potain announces the new 40 tonne 'low top' tower crane, the MDLT 1109, its largest European crane to date.

JCB breaks ground on its new plant in **San Antonio, Texas** - costing around \$500 million, it is the largest single investment in the company's history.

Canadian battery manufacturer **Discover Battery** launches its Total Cost of Ownership (TCO) calculator.

Portuguese tower crane company **Soima** rebrands as **Stafford Tower Cranes**.



Terex Rough Terrain Cranes launches a new longer boomed, 80 tonne Rough Terrain crane, the **TRT 80L**.

JLG introduces a redesigned and upgraded version of its 42ft (12.9m/ 3,600kg) SkyTrak 8042 telehandler.





C&A
26.4
July/August
industry news

One of the first 190ft **Sinoboom** TB58RJ Plus telescopic boom lifts to be shipped lands in Australia.



Grove unveils two new Rough Terrain cranes - the 65 tonne **GRT765** and 80 tonne **GRT780**.



Mammoet takes delivery of a 2,500 tonne **Liebherr** LR 12500-1.0 crawler crane. The first unit was delivered to **Sarens**.

XCMG announces an electric version of its new 66ft XG2225RT Rough Terrain scissor lift, the XG2225ERT.

The Swedish Work environment agency - **Arbetsmiljöverket** - issues a final report on the fatal hoist incident in Stockholm, just five months after the incident occurred.

Zoomlion and German scissor lift manufacturer **PB** announce a long-term partnership to develop sales of Zoomlion platforms across the German speaking region.

Sinoboom announces plans to build European boom and scissor lifts at its plant in Poznan, **Poland**.



Tadano delivers its very first 25 tonne all-electric **Revolt eGR-250N** Rough Terrain crane to Japanese contractor **Taihei Dengyo**.

Chinese aerial lift manufacturer **Mantall** introduces battery powered versions of its new telescopic boom lifts - the 66ft HT220JE, the 87ft HT285JE and 107ft HT350JE.



JCB unveils two models in a new series of 360 degree telehandlers - the 26 metre/5,800kg 558-260R Pro and the 21 metre 558-210R Pro.



C&A
26.5
September/October
industry news

LGMG launches a 60ft Rough Terrain articulated boom lift, the AR18JE.



Terex Rough Terrain Cranes adds the 100 tonne TRT 100 and the 60 tonne TRT 60 to its new **TRT Series**.

Swedish family investment company **J2L Holding** acquires **Maeda** European master distributor **Kranlyft** from its private equity owners **Storskogen Utveckling**.

Italian manufacturer **Jekko** announces the second generation 15.5 tonne JF545.2 articulated tracked crane.

Irish American crane company **Stafford Crane Group** starts work on an all-new American built ship-to shore (STS) port crane at its crane design centre in Milan, Italy.

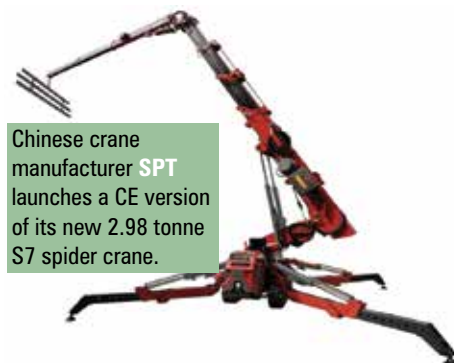


Sinoboom upgrades two diesel and two electric models in its Rough Terrain scissor lift range - the 43ft 1323RD and 1323RE and the 53ft 1623RD and 1623RE.

Chinese manufacturer **Sany** is to target the challenging and demanding German, Swiss and Austrian mobile crane markets.

Australia's **Elevating Work Platform Association** - the **EWPA** - launches its 'Digital EWPA Operator Licence - Yellow Card'.

Potain hosts and supports France's first tower crane erector diploma programme at its training academy near Lyon.



Chinese crane manufacturer **SPT** launches a CE version of its new 2.98 tonne **S7** spider crane.



Swedish low level aerial lift specialist **Safelift** launches a new version of its locally built self-propelled mast type lift, the 10ft MA50-R.



C&A
26.6
October
industry news

Liebherr adds the MK 120-5.1 self-erecting mobile tower crane to its range.



XCMG unveils the world's largest articulated boom lift - the 48.7 metre XGA48K - at Vertical Days.



JLG launches the E313 battery powered electric telehandler - a North American version of **Ausa's** 4 metre/1,600kg T164E.



Niftylift launches the 65ft all-electric HR22SE - its first telescopic boom lift to go into production.



XCMG launches a hybrid version of its 60ft XGA20H articulated boom lift.

Liebherr updates its mid-range luffing jib tower crane range with the introduction of the 440 HC-L.

LGMG takes over the distribution of its aerial work platforms and telehandlers in the UK and Ireland from **APS - Access Platform Sales**.

Potain launches a new 1,800kg capacity self-erecting tower crane, the Igo M 24-19.

Link-Belt Cranes launches a new five axle, 200 tonne 225 | AT All Terrain crane.



Hiab launches the iQ.708 Hipro heavy-duty 60 to 70 tonne/metre 'Next Generation' loader crane.



Italian manufacturer **CMC** launches the 20 metre S20 spider lift.



Italian low level aerial lift manufacturer **Gromet/AxoLift** adds the upgraded 10ft Elift 300 self-propelled mast type lift.



C&A
26.7
November/December
industry news

Potain launches its largest flat top tower crane to date - the 80 tonne MCT 2205.



The **European Commission** publishes its 'Definitive' ruling on the tariff levels that it proposes to apply to aerial work platforms made in **China**.

Zoomlion unveils its new 265ft telescopic boom lift, the ZT82J



The first 70 metre **Multitel MJ700** Hybrid truck mounted lift is purchased by Dutch crane and aerial lift rental company **Boer**.

Italian telehandler manufacturer **Dieci** unveils two electric telescopic handlers - the **Mini Agri-e Smart** and **Apollo-e Smart**.



UK van mounted lift manufacturer **Aldercote** introduces a line of platforms designed for mounting on all electric vehicles/chassis.



Niftylift's ClipOn harness attachment sensor is rolled out across its range of HR self-propelled boom lifts.

Magni Telehandlers launches a five tonne rotating and tilting fork carriage.



Chinese manufacturer **Sinoboom** ships the first CE version of its 153ft AB46RJ articulated boom lift to German rental company **Hässler Lift**.

Genie upgrades its 'core' slab scissor lift range dubbed the 'Next-Generation Genie'.

Ruthmann launches its new 100 metre truck mounted platform - the T1000 HF.



Sany unveils a 4,000 tonne, nine axle All Terrain crane, the SAC40000T.

THOSE NO LONGER WITH US

Industry deaths 2024



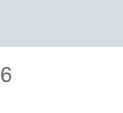
Daniel Norman Wolff - former engineer at US boom truck manufacturer National Crane - 77



Robert (Bob) Bradshaw - former Genie regional vice president for the Western Region USA - 70



Richard (Dick) Barnhart - founder of Memphis based Barnhart Crane and Rigging - 90



Domenico Ciano - former chief executive of Raimondi tower cranes - 48

Richard Collett - chairman of UK heavy haul & rigging specialists Collett & Sons - 81



Philip Graham Cutting - founder and former MD of UK rental company PG Platforms - 76



John William Davis - most recently director of sales - South Central USA for Hy-brid Lifts - 51



Rupert Aaron Scott - salesman at Quick Reach & Nationwide Platforms - 56

John Purslove Barker - access industry pioneer and first president of IPAF - 88

Trevor Churchill - veteran UK crane operator - 84

John H. MacGregor - UK crane industry veteran at Liebherr GB - 79



Celebrity deaths 2024

Alain Delon, 88, French actor, film producer

David Soul, 80, American actor - Starsky & Hutch, and singer Don't Give Up on Us.

Melanie, 76, or **Melanue Anne Safka Schekeryk** American singer songwriter - 'Brand New Key'

Liam Payne, 31, English singer - One Direction

Peter Crombie, 71, American actor - Seinfeld

Annie Nightingale, 83, English radio and television broadcaster

John Bruton, 76, Irish politician, Taoiseach (1994-1997)

Dave Myers, 66, English chef and television presenter - 'The Hairy Bikers'

Brian Mulroney, 84, Canadian politician, prime minister (1984-1993)

Gerry James, 89, Canadian football and Ice Hockey player

Joe Lieberman, 82, American politician

OJ Simpson, 76, American football star and criminal

Gerry Conway, 76, English drummer - Jethro Tull, Fairport Convention

Shelley Duvall, 75, American actress - The Shining

Barbara Rush, 97, American actress

Steve Wright, 69, English disc jockey and radio personality

Louis Gossett Jr. American actor - Officer and a Gentleman

Frank Ifield, 86, Australian singer/yodeller - 'I Remember You'

Michael Mosley, 67, British television journalist and presenter

Sir Tony O'Reilly, 88, rugby player, industrialist - Heinz and media owner

Vincent Duggleby, 85, British radio presenter - Money Box

Alex Salmond, 69, Scottish politician and first minister

Willie Mays, 93, American baseball player - New York/San Francisco

Lou Dobbs, 78, American political commentator - newscaster

James Earl Jones, 93, American actor and legendary voice

William Burrows, 87, American author

Bob Newhart, 94, American comedian and actor

Kris Kristofferson, 88, American singer/songwriter

Ray Reardon, 91, Welsh snooker player, six time world champion

Daniel Selznick, 88, American film and television producer

Herbie Flowers, 86, English musician T. Rex

Sven-Göran Eriksson, 76, Swedish football player manager England, Gothenburg

Sérgio Mendes, 83, Brazilian bossa nova musician



Kenneth Cope, 93, English actor - Randall and Hopkirk (Deceased)

Iris Apfel, 102, American fashion icon and business woman

Alberto Fujimori, 86, Peruvian politician and president (1990-2000)

Barbara Leigh-Hunt, 88, English actress

Dame Maggie Smith, 89, English actress - Harry Potter, Downton Abbey

Peter Jay, 87, British journalist and ambassador to the USA

Timothy West, 90, English actor

Pete Rose, 83, American baseball player World Series champion

Sir John Nott, 92, British politician and minister

Barbara Taylor Bradford, 91, British/American novelist

John Prescott, 86, British politician, deputy prime minister

Brian Thompson, 50, American insurance executive, CEO of United Healthcare

Jimmy Carter, 100, American politician and humanitarian, president (1977-1981)

Johnnie Walker, 79, English disc jockey - Radio Caroline, BBC Radio 1 & 2

Bernard Hill, 79, English actor - Boys from the Blackstuff, Titanic

Anouk Aimée, 92, French film star - La Doce Vita

Glynis Johns, 100, British actress - Mrs Banks in Mary Poppins

Dr Ruth Westheimer, 96, German and American sex therapist and talk show host

Quincy Jones, 91, American record producer - Thriller, We Are the World

Morgan Spurlock, 53, American documentary maker - Super Size Me

Steve Harley, 73, English singer - Cockney Rebel

Alexei Navalny, 47, Russian opposition leader

Kelvin Kiptum, 24, Kenyan runner and current marathon world record holder

Lowitja O'Donoghue, 91, Australian Indigenous rights advocate and administrator

Manmohan Singh, 92, former Indian Prime Minister

Franz Beckenbauer, 78, German football star

Lea Pericoli, 89, Italian tennis star

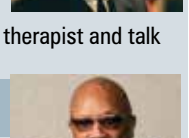
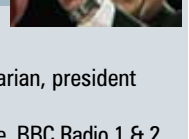
Barry John, 79, Welsh rugby player

John Mayall, 90, English blues musician

Abdul 'Duke' Fakir, 88, American singer - The Four Tops

Duane Eddy, 86, American guitarist

Donald Sutherland, 88, Canadian actor



Lee Sadler - general manager of UK based Sparrow Crane Hire - 62



Brian William Black - veteran sales manager - Snorkel, Grove Manlift, JLG, Genie, Teupen & Skyjack - 75



Alexander (Alex) Richard Glover - UK crane rental pioneer - founder of UK based Terranova - 82



Manfred Gerken - founder and CEO of German rental group Gerken - 86



Andrew Plant - former sales director Tadano UK, Demag, PPM, Gottwald - 56



James 'Jimmy' Waters - European spare parts manager - Snorkel - 57



John Anthony Hewitt - founder of UK based J. Hewitt Crane Hire - 77



Ged Kelly - business development manager at Haulotte UK - 55



Richard John 'Dick' Lloyd - veteran crane salesman - Coles, Priestman, Grove - 90



Roger Paul Thorington - UK access industry veteran - PTP, GKN, AFI, Lifterz - 82