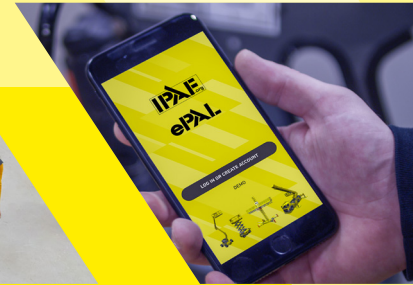




ANNUAL REPORT 2020

*Promoting the safe and effective
use of powered access*

www.ipaf.org/annual-report



PROMOTING THE SAFE AND EFFECTIVE USE OF POWERED ACCESS WORLDWIDE

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TECHNICAL ADVICE AND INFORMATION



SAFETY PROMOTION AND DEVELOPMENT



PROMOTING THE POWERED ACCESS INDUSTRY



INFLUENCING AND INTERPRETING LEGISLATION AND STANDARDS



MANAGEMENT AND OPERATOR TRAINING PROGRAMMES

WITH SPECIAL THANKS TO OUR SUSTAINING MEMBERS

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PRESIDENT'S REPORT

Norty Turner
IPAF President



CEO'S REPORT

Peter Douglas
CEO & Managing Director, IPAF

KEEPING OUR FOCUS AMID THE TUMULT

When composing this report this time last year, it would have seemed unimaginable what upheavals the world would face in 2020. The coronavirus pandemic has impacted every economy in the world, forcing companies and employers to find new ways to conduct business safely, and causing all of us to re-evaluate the way we work, travel and interact with others in the process.

While 2020 was certainly one of the most difficult we have had to face in recent memory, new opportunities have emerged along the way and many of the ways we have found to adapt and thrive have been positive. For example, we have been able to adopt new technologies to interact and collaborate, and we have been able to stay productive while traveling less, which will allow us to conduct business more sustainably and efficiently in the future.

Optimistically, with vaccines having been approved and already administered to protect those most vulnerable to Covid-19, a realistic thought arises that we may all soon be getting back to some form of business as usual in 2021 and beyond.

The annual IPAF Global Powered Access Rental Market Report has also shown encouraging trends across our industry. Certain markets including Italy, Sweden, Germany and China are well on course to recover strongly from the economic setbacks of 2020, with most other markets cautiously hopeful that things will stabilize in 2021 before potentially growing again in the years ahead. Spain, France, Italy, the Middle East and India all hope to return to the positive and healthy growth seen up to the end of the first quarter of 2020. A successful worldwide vaccination program against Covid-19 will certainly help this dynamic.

“I would like to pay a special tribute to all the IPAF staff, members and partners for their resilience, diligence and faith through such a difficult year.”

Despite all of the uncertainty, our industry continues to make leaps forward in terms of developing new safety standards, adopting innovative technology and finding smarter ways to work to ensure our industry remains at the leading edge of the development curve in access operations worldwide. In June, the long-awaited A92 Suite of ANSI standards for safe design, use and training of MEWPs finally went into effect, while progress was made in updating EN280 and relevant ISO standards.

I would like to pay special tribute to all the IPAF staff, members and partners for their resilience, diligence and faith through such a difficult year. Not only have they shown extraordinary unity and determination to support our global members and to respond rapidly to the emerging threat of the pandemic, they have also shown dedication and ingenuity in delivering

on key long-standing priorities for the Federation, minimizing disruption to these objectives and ensuring continuity.

These include enhancing worldwide accident reporting and data analysis, including an upgraded IPAF online reporting portal, and delivering new and updated training, including a major overhaul of the IPAF Load

& Unload course, which was inspired by some of the key findings in the first ever IPAF Global MEWP Safety Report.

Adding to that is the exciting development of ePAL – a new, world-first MEWP and MCWP operator app, which is set to be rolled out in the first months of 2021. The new app could potentially be transformative for our industry, and to have delivered on such a key initiative during the clamour and uncertainty of 2020 is a testament to IPAF's persistence, innovative spirit and resolve.

Thank you so much for your continued support of IPAF. Here's to a brighter future ahead...

RISING TO THE CHALLENGE IN A YEAR OF ADVERSITY

It's fair to say that my first year at the helm of IPAF has been an interesting one! We entered 2020 in great shape, with everyone looking forward to new challenges and opportunities and a chance to build momentum on key projects.

We couldn't have known just how much havoc the Covid-19 pandemic would wreak and the extent to which lives and livelihoods would be affected. It is against this extraordinary backdrop that all of us at IPAF found our mettle tested. I'm delighted to say the Federation has risen to the challenge magnificently. In adversity we have all found new ways to work and support each other.

IPAF remains committed to helping our industry endure the pandemic and emerge in as healthy a shape as possible: Our first priority was to protect IPAF's people, so we used various government schemes to ensure we were in a position to protect jobs and cash reserves. We focused on supporting members, producing guidance on working to the ever-changing national and regional restrictions, managing risk and promoting eLearning and remote working solutions.

We postponed and rescheduled IPAF events, face-to-face meetings and audits, and extended all expiring operator PAL Cards by 90 days, also enabling our Training Centres to deliver more training modules remotely – we saw take-up of IPAF eLearning increase five-fold during the period. Where possible we started delivering digital workshops and webinars instead of our usual events calendar.

We took the difficult decision to move the IPAF Summit & IAPAs originally scheduled for London in April 2020 to be held as a digital event in 2021, to allow maximum certainty amid ever-changing national restrictions on gatherings and travel. We continued to lobby governments and regulatory bodies over

legislation and standards, and partnered with groups including the AIF, No Falls Foundation, FEM, Build UK and PLATFORMER to secure progress on mutual priorities.

Through these and other measures, IPAF weathered the pandemic, enabling us to support members and the wider industry. We provided a discount on member renewals for 2021 and worked hard to maintain overall membership and training numbers. We made key appointments, including Brian Parker as Head of Safety & Technical, and Amanda Beckett as Head of Finance. Special thanks go to our outgoing Head of Finance, Andrew Bache, who did so much to help steer IPAF through 2020.

IPAF manage to keep key priorities for 2020 on track, and also progressed ambitious initiatives to roll out in 2021: We published the first ever IPAF Global MEWP Safety Report, revamped IPAF's incident reporting portal, and updated the IPAF Load & Unload course based on some of the safety report's findings. DuckerFrontier, the company that compiles the IPAF Global Powered Access Rental Market reports, delayed data-gathering to better understand the implications of Covid-19. The report is invaluable for any powered access rental firm looking to plot a course through uncharted waters.

Perhaps the most exciting development on the horizon is the launch of ePAL – a pioneering MEWP and MCWP operator smartphone app. It promises to revolutionise the way all IPAF-trained operators store their digital PAL Card, log equipment time and access safety or technical updates.

If 2020 taught us anything, it's that life in powered access never stands still; we have to be ready to rise to meet whatever challenges the future holds and turn each challenge into an opportunity to work safer, smarter and more sustainably. Together we can overcome adversity.

IPAF AND ITS PEOPLE



IPAF promotes the safe and effective use of powered access equipment worldwide by providing technical advice and information; through influencing and interpreting legislation and standards; and through safety initiatives and training programmes.

IPAF is a not-for-profit organisation owned by its members, which include manufacturers, rental companies, distributors, contractors, suppliers, training providers and users. IPAF members operate the majority of the global mobile elevating work platform (MEWP) rental fleet and manufacture almost 90% of MEWPs on the market. IPAF also represents the mast-climbing work platform (MCWP) market worldwide.

Members enjoy access to practical information and a growing portfolio of member services. They also have the chance to influence the legislation and regulations that govern platform use.

Another benefit of membership is the ability to deliver the IPAF training programme for platform operators, managers and supervisors, which is certified by TÜV as

conforming to ISO 18878. More than 170,000 candidates are trained in a typical year through a worldwide network of more than 600 IPAF- approved training providers. Successful trainees are awarded the Powered Access Licence (PAL Card), the most widely held and recognised proof of quality-assured training for platform operators in the world. In 2020, the number of PAL Cards issued worldwide surpassed 2 million.

The federation's governing body is the IPAF Council, composed of IPAF's Board members, Committee chairs, Country/Regional Council chairs and up to six directly elected members. Council members are elected by halves for a two-year period by IPAF members at the AGM. The majority of IPAF's committee, council and board meetings in 2020 took place remotely, owing to the coronavirus pandemic.

ALL AT END 2020

BOARD MEMBERS

President
Norty Turner, United Rentals

Deputy President
Karin Nars, Dinolift

Vice President
Karel Huijser, JLG

Past President (ex officio)
Nick Selley, AFI-Uplift

Managing Director & CEO
Peter Douglas, IPAF

Director
Ben Hirst, Horizon Platforms

Director
Julie Houston-Smyth, LOLEX

Director
Kai Schliephake, Partnerlift

Director
Pedro Torres, Riwal

COUNCIL MEMBERS

Jacco de Kluijver Genie/Terex

Arne Dirckinck-Holmfeld PB Lifttechnik

Enrique Garcia Delgado Snorkel

Phil Graysmark LGMG Europe

Colin Hotchkiss Nationwide Platforms

Marcello Plonski Brasil RCB Locações de Equipamentos e Máquinas

Susan Xu Sinoboom

COMMITTEE CHAIRS

Manufacturers' Technical Committee
James Clare (interim), Niftylift

MCWP Committee
Kevin O'Shea, Hydro Mobile

IPAF Training Committee
Neil Beard, KNT Training

IPAF Rental+ Committee
Steven Gerrard, Lifterz

REGION/COUNTRY CHAIRS

Brazilian Country Council
Celio Gonçalves, Aura Brasil Máquinas e Equipamentos Ltda

Hong Kong Council
Tony Small, Gammon Construction

Irish Council
Peter O'Riordan, Loxam

Italian Country Council
Paolo Pianigiani, IMER

North American Regional Council
Ebbe Christensen, ReachMaster

Singapore Country Council
Shawn Ong, Galmon

Spanish Country Council
Ivan Morodo, Haulotte Iberica

Middle East Regional Council
Peter Ellis, Power Towers

UK Country Council
Brian Stead, Loxam Access

PAST PRESIDENTS

John Barker 1983-1986

Ken Ross 1986-1986

Frank Huish 1986-1988

Roger Venthen 1988-1990

Tony Clark 1990-1992

Claude Guillou 1992-1994

Michael Hunt 1994-1996

Sid Ball 1996-1997

Leigh Sparrow 1997-1999

Lars-Petter Godenhielm 1999-2001

Nicholas Davin 2001-2003

Peter Bennett 2003-2004

Pierre Saubot 2004-2006

Andrew Reid 2006-2008

John Ball 2008-2010

Steve Shaughnessy 2010-2011

Wayne Lawson 2011-2013

Steve Couling 2013-2015

Andy Studdert 2015-2017

Brad Boehler -2019

IPAF COUNTRY AND REGIONAL COUNCILS



The **Brazilian Country Council** held three meetings, with the first being during IPAF ElevAÇÃO in February, and two subsequent virtual meetings in November and December. As well as reviewing 2019 activities, the council set out priorities for 2020-21, discussed new regulations (NR-18 and ABNT), including the impact of NR-18 on IPAF PAL Card validity, and monitored the ongoing impact of the coronavirus pandemic, including on the events calendar. Celio Gonçalves of Aura Brasil assumed the chair.
Contact: portgues@ipaf.org

The **Hong Kong Regional Council**, chaired by Tony Small of Gammon Construction, met three times during 2020, focusing primarily on increasing IPAF's profile in Hong Kong. Council members helped to translate Andy Access safety posters and Toolbox Talks. The posters will be able to carry IPAF members' logos and the council intends to invite local HSE associations to support these initiatives across the region.
Contact: sea@ipaf.org



The **Irish Council** held two meetings in 2020, both virtual. The meetings noted IPAF had exceeded its budget for number of new members, Training Centres and PAL Cards issued despite the pandemic; more than 5,000 IPAF PAL Cards were issued in 2020, a new record. The Irish Council requested assistance in the promotion of IPAF's Competent Assessed Person (CAP) course in Ireland.
Contact: info@ipaf.org

The **Italy Country Council** and its Training Work Group met several times during 2020, with all but the January meeting of the TWG being held virtually. The main topics for consideration included: The new ETIC code (social media regulation); producing a handbook for IPAF members' marketing teams; reviewing the IPAF Telehandler Course proposed by Italian members, and the election and announcement of new appointments to council, with Paolo Pianigiani of IMER being made chair.
Contact: italy@ipaf.org

Peter Ellis, led the way throughout 2021 as chair of the **Middle East Regional Council**. A continuing key focus is to develop working groups within the council, supporting the three-year plan. These will include: Selling IPAF, Group Leader: Wayne Taylor to arrange selling workshops for training centres and access platform rental companies; Promoting the safe use of Powered Access Equipment, Group Leader: Jason Woods to identify gaps in the market along with promoting international safety standards; and Third Party Inspection Providers, Group Leader: Jason Woods to arrange manufacturers PDI/inspection workshops and invite all engineers to attend, supporting the rental market and specialist inspectors across the region.
Contact: uae@ipaf.org

The **North American Regional Council** discussed the implications of the ANSI/SAIA A92 Suite of MEWP going into effect on 1 June, 2020. The training standard allows for classroom or online theory training and the council committed to promoting IPAF's MEWP operator and supervisor courses as a good way for companies to comply. Raising awareness by users of MEWPs as to the new responsibilities and IPAF's abilities to help them meet them remains a major focus.
Contact: usa@ipaf.org

The **Singapore Country Council** met three times in 2020. Discussions centred mainly on increasing membership in Singapore and concluded the best way to achieve this would be by introducing a new IPAF SS616 (local MEWP safe-use standard) Audit Programme, available to IPAF members only.
Contact: sea@ipaf.org

The **Spain Country Council** met twice in 2020, in February and December. The first meeting considered events to support and attend, all of which were subsequently cancelled or postponed owing to Covid-19. At the second, council members were introduced to IPAF's new Spain representative, reviewed 2020 activities and discussed planning for 2021 and beyond.
Contact: espana@ipaf.org

The **UK Country Council** held three meetings in 2020, one physical and two virtual. Priority projects include: Accident reporting, with an Accident Working Group sitting to assist in the publication of the IPAF Global MEWP Safety Report and new reporting portal launched in September; the IPAF Engineer/Technician Roadmap was published and provision put in place to run the first powered access-specific apprenticeship in 2021; and raising awareness of IPAF Rental+ mandatory standard, particularly among Build UK and major contractors. Council elections in 2020 were postponed owing to the pandemic.
Contact: info@ipaf.org





The past year has seen significant changes in IPAF's Safety & Technical department, but continuity has been maintained and key projects progressed despite a change in leadership and disruption caused by the coronavirus pandemic.

Brian Parker took up post as Head of Safety & Technical in October, having long been involved in various technical work groups as a representative on IPAF's UK Country Council in his previous role at member firm AFI-Uplift. Indeed, Brian had detailed involvement in the launch of the first ever IPAF Global MEWP Safety Report in the early months of the year and played a key role in the relaunch of a revamped and updated [IPAF Accident Reporting Portal](#) soon after. He led two webinars based on the findings of the safety report.

Brian's appointment coincided with renaming the department, to Safety & Technical. Brian says: "We wanted to signify this slight shift of emphasis; after all we are a safety organisation working hard to raise awareness of the main causes of accidents leading to fatal and serious injuries in powered access. That doesn't however mean we are forgetting about technical aspects, and we are still involved with standards committees and technical working groups worldwide. Internally in 2020, we have overseen the reformation of the Accident Work Group (AWG), the Manufacturers' Technical Committee (MTC) has met for the first time in a year, and the IPAF Toolbox Talk work group met at the end of the year to look at the programme for new talks and Andy Access posters."

In 2020, the IPAF Safety & Technical department was involved in developing or delivering updated regulations and standards, including:

- **ISO21455:** This document specifies the performance requirements, location, marking and method of operation related to operator's controls on MEWPs and takes into account operator safety and ergonomics. It applies to all controls used by an operator and includes provisions for finger, thumb, hand, and foot operated controls. Released in April 2020. This is a voluntary consensus-type standard.
- **EN280 Part 1:** This is a revision to the present EN280 standard. The planned date of release is mid 2021.
- **EN280 Part 2:** This is a new section for EN 280. It addresses to risks/hazards associated with suspended loads for type 1 Group b MEWPs, specifically large truck-mounted MEWPs. The development of this part of the standard is still ongoing with the resolution of comments received just completed. The



planned date for its release has not been confirmed but the goal is Q4 2021 or shortly after the release of EN 280 Part 1.

- **ANSI 92.20, 92.22 and 92.24:** This safe use standard was released in June 2020 with all appeals (received at the time) addressed. But a new appeal has been launched by the American Rental Association (ARA) regarding commercial terms and copyrights.
- **ISO 16368:** MEWP Design Calculations: This standard is being reviewed with ongoing project – US lead, comprehensive review – all requirements aligned. Six meeting so far – six more to go before moving to the ISO work programme.
- A new **Standard Proposal for Multi-Purpose Elevating Platform (MPEP)** or most commonly known in the industry as Stock Pickers.
- **Industrial Truck Manufacturers** are proposing a new standard to cover this specific product.

Objections and resolutions put forward by IPAF, the MTC and FEM MEWPs Work Groups included:

- ANSI A92.2 (MEWPs) v B56 (Industrial Trucks – New standard)
- EN TC214 (ISO 16368) v TC 110 SC2 (New standard)
- CEN TC98 WG1 EN 280 Parts 1 & 2 – to be discussed at the next meeting in Q1 2021.

In 2020 IPAF placed emphasis on reinforcing existing safety messages and delivering new guidance including webinars aimed at controlling the risks posed by coronavirus when operating MEWPs or delivering training. At the end of 2020, a batch of new Toolbox Talks was reviewed with final comments submitted by the work group resolved. These titles were:

- PFPE Pre-Use Inspections,
- Use of PFPE to Prevent Falls from MEWPs
- Safe On-Site Servicing of MEWPs

New or updated technical guidance issued or set to be issued in 2020-21 includes:

- **Avoiding trapping/crushing injuries:** Best practice guidance for MEWPs.
- Working for the **Strategic Forum Plant Safety Group (SFPSG)**, of which IPAF is a member, on the update to the Avoiding Crushing to Persons in the Platform document.
- Work on **Guidance on the Safe Use of MEWPs with Suspended Loads in progress** – Should be ready for final review in 2021.
- **FEM-IPAF Guideline:** Information & Suitability for the Task of Exiting and/or Re-Entering at Height: This document is in the final stage of approval by the FEM- MEWPs WG, with final approval set for February 2021.
- **FEM-IPAF Guideline:** Major Inspection of MEWPs – The document is 5 YO – will undergo a revision process starting in Q1 2021.
- **FEM-IPAF Guideline:** Energy Efficiency Test Methods and Sustainability Aspects: This is to help users of electric machines determine the machine efficiency and determine the economic sustainability of the batteries.

Work or projects underway or planned in 2021 include continuing enhancement of the IPAF Accident Portal to include reporting member dashboards and publishing annual worldwide and member safety reports. IPAF hopes to establish an International Safety Committee and will return to producing national and global safety campaigns, based on targeted sector safety studies. IPAF will continue improving engagement with other trade associations, government and regulatory bodies, as well as Principle and Tier 2 contractors.



Brian PARKER
Head of Safety & Technical



Claude DUBÉ
Safety & Technical Manager



Dan MOSS
Technical Standards Development Expert

IPAF MANUFACTURERS' TECHNICAL COMMITTEE (MTC)

Interim Chair: James Clare (Nifty Lift)

During 2020: Chair Ian McGregor stepped down owing to additional duties within Skyjack and was succeeded on an interim basis by previous Vice-Chair James Clare (Nifty Lift). IPAF and the members of the committee would like to place on record thanks to Ian McGregor for his tireless work as both Chair and committee member over the years.

The MTC met virtually on 19 November with 15 members present. At the next meeting the MTC will vote on a new chair and nominations were officially opened for the role. The meeting heard updates about IPAF's work with partnership organisations and bodies, including: the European Materials-Handling Federation (FEM), UK APPG Inquiring into Falls from Height in the Workplace, Access Industry Forum (AIF) and No Falls Foundation, (NFF). Lots of work going on with various groups: The UK APPG is looking at spreading the safety message to remote workers and rural industries and conducting further work on enhanced reporting, such as that which IPAF is leading on for powered access with its global accident reporting project and updated portal. In the US IPAF's Tony Groat and Dan Moss continue to advise members and the industry at large about the implications and changes to requirements in the new ANSI standards and assisting companies in becoming compliant. Subsequent to the November 2020 meeting, Jim Waldron of Skyjack has now taken over as Chair.

WHAT IS THE IPAF MTC?

All IPAF manufacturing members are invited to participate in the MTC. Owing to the safety focus of the committee, it is necessary that participants are engaged in technical, safety or regulatory roles within their IPAF member company. **For more information or to request to join the MTC please email: technical@ipaf.org**



INCIDENT REPORTING



The global MEWP accident reporting portal was launched by IPAF in 2012, with a view to becoming the definitive source of data on worldwide incidents specifically involving powered access equipment. Peter Douglas was then an IPAF member representative on the UK Country Council, which was instrumental in instigating this project. Now CEO & MD of IPAF, Peter's commitment to IPAF's accident reporting project remains undimmed.

In 2020, IPAF published a new, enhanced Global MEWP Safety Report, presenting key findings from detailed analysis of accidents. As in previous years, the most common underlying causes of incidents involving MEWPs are identified, but the new report also looks at lost-time incidents, not just fatalities. Incidents have also been categorised in terms of where they happened, in what industry sectors they occurred and broken down in more detail by type of incident.

There is a new methodology to much of the analysis and the way the findings have been presented, the report being interspersed with key recommendations to mitigate common risks. One major change is that, rather than comparing a full year's accident data to previous years, the most recent three full years of available data have been combined to produce an aggregate and average number of incidents, to better identify trends rather than looking at minor fluctuations.

Another change in methodology is that, while data is still predominantly reported by IPAF's members through the accident reporting portal, data gleaned from publicly available sources such as OSHA accident reports in the US has been looked at in more detail. Indeed, several accidents not initially classified as MEWP-related have been discovered through this painstaking re-examination of reports, with the result that a number of new accidents not previously recorded have been identified and inputted into the database.

In addition to this Global MEWP safety report, IPAF will offer additional detailed analysis specifically to IPAF member

companies engaged with and inputting into the accident reporting project. IPAF is keen to encourage all members worldwide to realise the importance and value of feeding into this database, especially recording near-miss and non-injury incidents as well as more serious ones resulting in injuries and fatalities.

By tracking more of this information over time, around the world and across different industries, IPAF and its members can help to calibrate the safety and training agenda accordingly and to most effectively influence the development and implementation of MEWP design and safety standards.

The five main causes of deaths in MEWP incidents were falls from the platform, electrocutions, entrapments, MEWP tip-overs and MEWPs being struck by another vehicle. This is broadly in line with previous years' fatal accident analysis and demonstrates yet again that the industry should focus on ways to reduce the underlying factors common to these types of incident.

Analysis of the data shows how serious these accidents tend to be, with the outcome almost always proving fatal. One footnote to consider of course is that accident reporting is most likely to take place when a death occurs, but perhaps less likely in cases of minor injury or near miss. If this is the case, it reinforces the case for reporting all incidents, including near misses, not just ones resulting in serious injury or death – additional data aids closer analysis and affords vital lessons that can be used to prevent all accidents and ultimately save lives.



Accidents while using MEWPs are more likely when working in public areas or alongside roads than on controlled work sites such as construction sites, commercial or rental premises, the report also shows.

Accidents on construction sites account for the joint highest average number per year, but as MEWPs are used much more widely in construction than in other sectors and locations, they are in fact proportionally less likely to occur on a controlled work site than in a remote location or a public area, such as alongside a road, the report shows.

Also, when looking at accidents resulting in lost-time injuries and even on occasion fatalities, during delivery of MEWPs, the report showed that most of these occur during loading or unloading. As a result, IPAF decided to overhaul its existing Load/Unload course, with new training materials being unveiled to instructors in a Professional Development Seminar on 11 November. For more details visit www.ipaf.org/accidents



A NEW ACCIDENT REPORTING PORTAL

In 2020, IPAF relaunched its worldwide accident reporting portal as part of a major drive to gather the best quality data from around the world, in order to analyse the data and uncover what it can teach us about improving safety in powered access.

Specific details such as names, location, machine brand are not required to report an incident. To ensure objectivity, all identifying information is automatically redacted prior to analysis. This project does not apportion blame or responsibility.

"We use this data in almost everything IPAF does: For instance, information relating to accidents leading to injuries and deaths involving delivery drivers showed these almost always involve the loading or unloading process. IPAF has overhauled its Load/Unload Training, as it did with MEWPs for Managers training after statistics showed many accidents could be traced back to poor planning or oversight of operations."

Brian Parker, IPAF Head of Safety & Technical

The new IPAF reporting portal makes it easier to report an accident or near miss – near-miss information being very useful in preventing more serious accidents. It works on multiple devices, allows multiple users per company, and has a feature for users to register subsidiary companies.

This allows access, reporting and analysis across a group of companies in one or more countries, linked to one parent company, enabling firms to compile their own company or group safety analysis, while creating an up-to-the minute database for real-time analysis by IPAF experts.

"I'm confident the new portal's layout and added functionality will only increase take-up. We must work with our members and all industry stakeholders to improve incident reporting. It's vital that all incidents including minor mishaps and near misses are logged; this helps identify heightened risk and mitigate underlying factors to reduce the number of major accidents or fatalities that do occur using the knowledge gained."

Peter Douglas, IPAF CEO

To mark the revamped accident reporting portal at www.ipafaccidentreporting.org, IPAF hosted a free webinar looking at the latest available data in granular detail. The webinar is now available as a recording online via www.ipaf.org/resources

IPAF AROUND THE WORLD IN 2020



ALGERIA
ARGENTINA
AUSTRALIA
AUSTRIA
BAHRAIN
BANGLADESH
BELARUS
BELGIUM
BRAZIL
BULGARIA

CANADA
CHILE
CHINA
COLOMBIA
CYPRUS
CZECH REPUBLIC
DENMARK
ECUADOR
ESTONIA
FINLAND

FRANCE
GEORGIA
GERMANY
HUNGARY
ICELAND
INDIA
INDONESIA
IRAN
IRAQ

IRELAND
ITALY
JAPAN
JORDAN
KAZAKHSTAN
KENYA
KOREA, SOUTH
KUWAIT
LATVIA

LEBANON
LIECHTENSTEIN
LITHUANIA
MALAYSIA
MEXICO
MOROCCO
MOZAMBIQUE
MYANMAR
NETHERLANDS

NEW ZEALAND
NORWAY
OMAN
PERU
PHILIPPINES
POLAND
PORTUGAL
QATAR
ROMANIA

RUSSIA
SAUDI ARABIA
SINGAPORE
SLOVENIA
SOUTH AFRICA
SPAIN
SWEDEN
SWITZERLAND
TAIWAN

THAILAND
TUNISIA
TURKEY
UAE
UNITED KINGDOM
UNITED STATES
URUGUAY
VIETNAM
ZAMBIA

UNITED KINGDOM

IPAF's response to the strict Covid-19 lockdown in the UK includes successfully lobbying the government and Build UK to recognise powered access operators as essential construction workers, to allow access to sites that stayed open during the three-month lockdown. IPAF also secures new guidance from the UK HSE on renewing LOLER inspection certificates.

FRANCE

The UK, France and Germany are Europe's three largest, most valuable MEWP rental markets. In 2019, France exceeded the UK in terms of market value and fleet size and, while both countries are hit badly by the pandemic, there is optimism France will recover to maintain its position as Europe's leading market, according to IPAF's [Global Powered Access Rental Market Report 2020](#).

NETHERLANDS

IPAF membership in Netherlands grows by 10% across 2020, reflecting the strong performance for the country's MEWP rental market across 2019, which outperformed most other European countries under study in every key indicator, according to the [IPAF Global Powered Access Rental Market Report](#). The pandemic puts the brakes on this, but optimism remains the market will bounce back.

SWEDEN

IPAF training is translated into Swedish for the first time, to meet demand for MEWP operators across the Nordic & Baltic region. Training materials have been translated to Swedish and the course is now available through IPAF Training Centres in Sweden. Multinational clients are constructing data centres in the region, using major contractors and demanding the highest standards of certification.

GERMANY

A relatively quick return to activity after lockdown in Germany means minimal impact of the coronavirus pandemic in both construction and non-construction sectors, meaning Germany is one of ten European countries under study in [IPAF's Global Powered Access Rental Market Report 2020](#) where there is real optimism that rental companies regaining 2019 revenues by the end of 2021.

UNITED STATES

After several appeals and reviews delayed the original intended effective date, the updated ANSI/SAIA A92 Suite of Standards for MEWP design, safe-use and training ANSI/SAIA A92 go into effect during June. Among the new requirements, it is stated all MEWP operators and supervisors must be trained, so IPAF updates its [MEWP Supervisor](#) training to help firms become compliant.

MEXICO

IPAF hosts a series of local webinars with great success, with topics including: Training in a Global Pandemic; The New Normal in Training and Rental Industry, featuring leaders of the Rental Industry in Latin America and Spain; and eLearning for Everyone, highlighting the value and benefits of [IPAF eLearning](#) during national lockdowns, which sees an increase in demand in the country during 2020.

BRAZIL

In February, IPAF hosts the seventh ElevAÇÃO, the most important event in the work at height and platform operations sector in Brazil and Latin America. During the two-day conference, participants have the opportunity to expand their knowledge of safety issues related to MEWPs and work at height, as well as meet and network with like-minded industry colleagues, and review an exhibition of products and equipment.

SPAIN

It is announced that Javier Cerezo will be the federation's new representative in Spain. He is a long-serving IPAF Senior Instructor who has been collaborating with Loxam-Hune in Spain for several years. He is based in Zierbena near Bilbao in the Basque Country, and will report to Romina Vanzi, IPAF's Head of Regional Development.

ITALY

In collaboration with Professor Massimo Giubilesi, a leading expert in hospital and food sanitisation, IPAF organises a webinar about extra precautions MEWP operators and training companies can take to minimise the risk from coronavirus, including sanitisation of MEWPs, with particular attention to enclosed spaces, such as machine cabins or the classrooms dedicated to training.

SOUTH AFRICA

Owing in part to IPAF's growing membership in Africa, including Mozambique, from where IPAF welcomed its first ever member in 2020, Richard Whiting, IPAF's UK Market General Manager, is handed additional responsibility for English-speaking countries including South Africa, Kenya, Zambia, Australia, New Zealand and Cyprus, where IPAF also welcomes its first member in 2020.

DUBAI

The Dubai Municipality progresses its mandate to require all operators of MEWPs and MCWPs should hold a valid PAL Card. Aimed at improving safety standards, the mandate, announced at the end of 2019, further requires that safety training should be renewed every two years. As a result demand for and take-up of the IPAF PAL Card continued to rise steadily across Dubai and the wider region in 2020.

TURKEY

A memorandum of understanding is signed between IPAF and PLATFORMER, the Turkish Rental, Manufacturer and Distributor Association of MEWPs. The agreement will see the two organisations collaborate on improved accident reporting, to promote quality training for MEWP operators and to establish greater understanding with governments and health and safety bodies.

CHINA

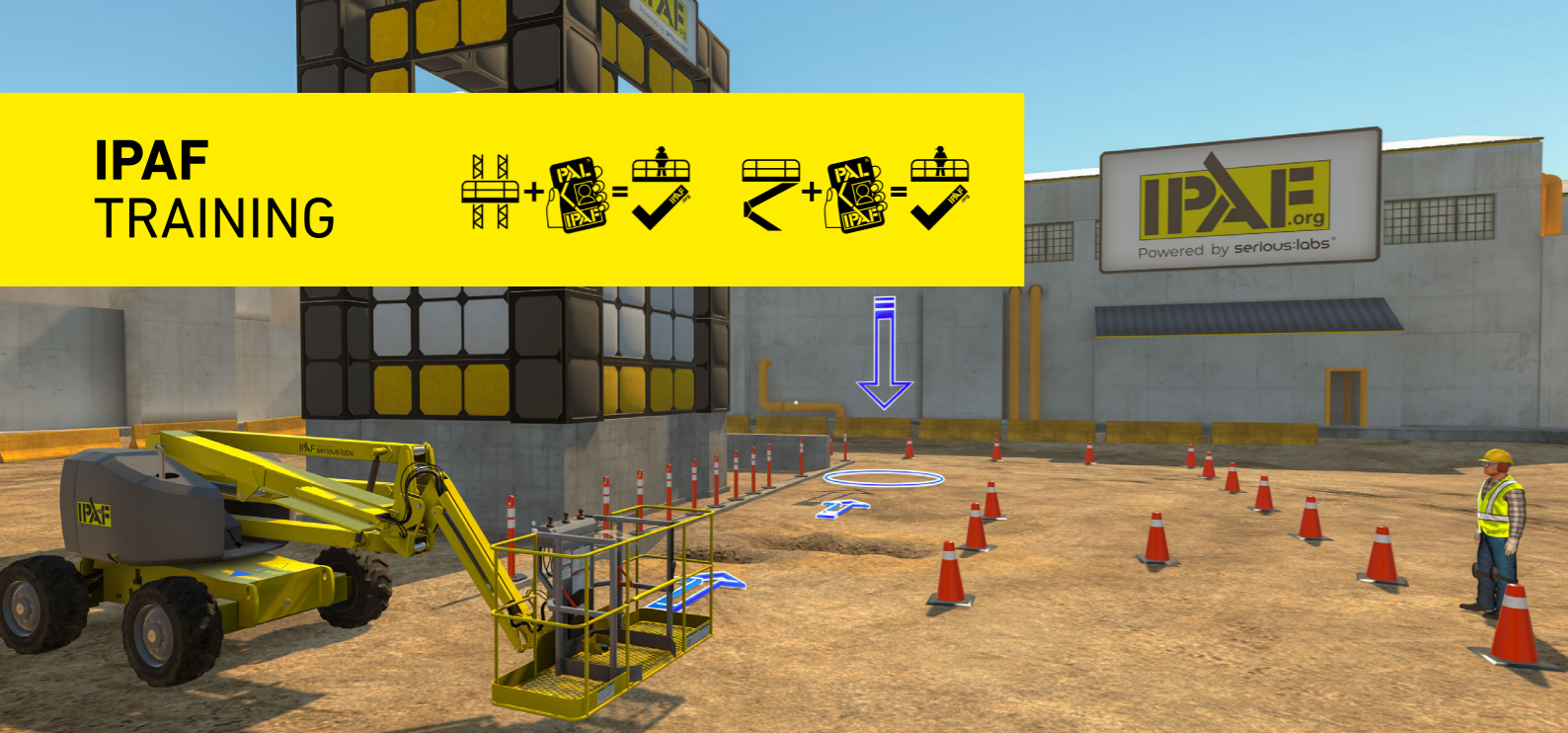
The coronavirus pandemic impacts the Chinese market to a lesser degree than the US or Europe: Activity in China endures a stricter but shorter lockdown than many other countries and by the end of 2020 the market has already returned to something like normal, according to [IPAF's Global Powered Access Rental Market Report](#), which once again features a special China market focus.

SOUTH KOREA

IPAF appoints Roberto Kim as its new Representative for South Korea to assist its rapidly growing membership in a country where IPAF hopes to grow its membership and foster greater engagement across the powered access industry as part of its three-year strategic plan. IPAF's SEA operations are further bolstered by the return of Amanda Tan to her former role supporting the region's members.

IPAF HAD A TOTAL OF 1,452 MEMBERS ACROSS 75 COUNTRIES

IPAF TRAINING



IPAF's training worldwide was inevitably faced by a great many challenges as the coronavirus pandemic caused such disruption. All IPAF Training Centres have a duty of care to their staff and the candidates who come through the doors, so during national lockdowns and in line with restrictions on indoor gatherings or limits to numbers of people getting together in the same room, delivering IPAF training was difficult.

IPAF was quick to adapt and issue guidance to its Training Centres worldwide, issuing safety guidance about managing the risks associated with the virus, encouraging trainees to use eLearning wherever possible, extending the time allowed between an online eLearning theory module and the practical assessment to 90 days, and also extending all expiring PAL Cards worldwide by 90 days during the height of the pandemic. As you might expect, growth in take-up of IPAF's already extensive eLearning offer was significant, growing fivefold in the first months of the pandemic.

To assist with training security, IPAF ran a trial to adjust the eLearning theory module to include the facial recognition safeguards used in the MEWPs for Managers course in the UK. Training Centres were also invited to deliver instructor-led theory courses via video conference, to allow instructors to take larger groups of trainees safely through the learning in a virtual classroom environment. This allowed instructors to lead remote sessions and allowed candidates to interact with others and to ask questions. It was a useful option to some training centres and for candidates who preferred an interactive approach to the going through lone eLearning.

In the US, where a new version of IPAF's MEWP Supervisor course was launched in eLearning to comply with requirements in the updated A92 Suite of ANSI standards, managers and supervisors were able to utilise time away from the office or worksite to complete this important training.

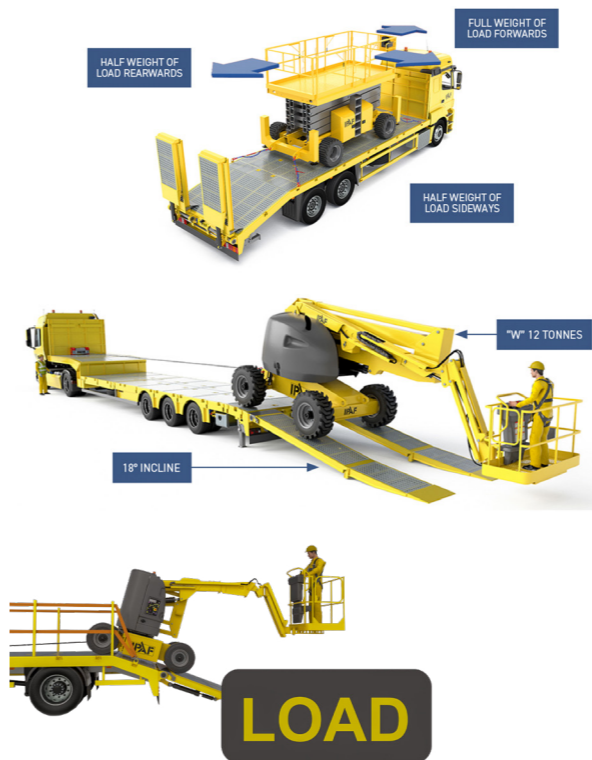
Paul Roddis, IPAF's Training Manager, says: "I am a fan of instructor-led remote learning via Teams or Zoom; it allows candidates to have direct interaction with their instructor. This is great for reducing Covid-19 risk, but also reduces travel time and associated costs and ensures our Training Centres can focus additional time for the practical elements of the training. It was great to see our ever-inventive instructors and training centres adapt to the challenges they were presented with."

IPAF has also developed new or updated training during 2020. In November, the IPAF virtual PDS for instructors and training staff in the UK were presented with a new and improved Load and Unload course. As with the new MEWPs for Managers eLearning and MEWP Supervisor course in the US, this training course had been created by applying the latest neuroscientific information around how the human brain learns and stores knowledge.

The course features vastly improved graphics and new scenarios influenced by some of the key findings in IPAF's [Accident Reporting project](#), which showed that delivery drivers were too often getting into difficulty when loading or unloading machines. The new course will be launched in new languages during 2021.

In addition, IPAF PAL+ trials using virtual reality (VR) simulators to train and assess candidates, continued into phase two through the middle part of 2020, being deemed a success and approved for use by IPAF Training Centres that wish to offer this option to candidates.

IPAF continues to develop its worldwide programme to meet international demand, and in 2020 developed its operator training into new languages including Swedish, to meet a surge in demand across the Nordic and Baltic regions, while members of the Italian Training Work Group used time during Italy's national lockdown to develop IPAF's Lift and Hoist course.



THE IPAF CAP COMMITTEE

Chair: Dave Christian

The IPAF Competent Assessed Person (CAP) did not meet during 2020 owing to the pandemic.

Looking ahead to next year, IPAF plans the following training developments in 2021:

A new Site Assessment for MEWP Selection course. IPAF will work with members and training partners to create a half-day course to support people that will be selecting MEWPs. Expected at the end of Q1.

Digitisation of examination and training forms: This is a complex project that must interweave with the other IT projects that are also running but will ultimately reduce paper, increasing security and administrative efficiency for both IPAF and its Training Centres.

A renewal theory module will be created to replace the existing renewal training and will be created as both eLearning and instructor-led versions.

IPAF PAL+ theory will be created in both eLearning and instructor-led modules, which will allow for more time on the Practical assessment, either on a simulator or real MEWPs.

THE IPAF TRAINING COMMITTEE

Chair: Neil Beard | Vice Chair: Tony Warren

The IPAF Training Committee gave thanks to Richard Lofts as he relinquished the chair, Neil Beard stepping up as his replacement and Tony Warren being named Vice Chair. Owing to the pandemic, the committee was convened just once in 2020, meeting virtually in September. Items under review included IPAF's response to the pandemic, updates to the eLearning matrix, addition of facial recognition to the operator theory module, and new guidance on virtual training. It was also agreed that this year all training countries and regions would hold a virtual PDS event, and the IPAF Council decision to adopt IPAF PAL+ assessments using virtual reality simulators was also discussed.





IPAF's Quality & Audit Department faced challenges in 2020, with the growing pandemic a barrier to face-to-face audits, unannounced visits and customer experience monitoring of IPAF's global training programme. Many of the IPAF audit and quality team adjusted to working remotely, with some of the staff being furloughed, but nonetheless the department is on course to achieve on its key objectives.

Stephanie Byrne, who leads IPAF's Audit & Quality Control team, oversaw a successful 2020 International audit programme that was largely undertaken virtually to minimise risks to IPAF staff and the training personnel under assessment risk during the pandemic. The team played a key part in producing Covid-19 related guidance materials and documents, including the IPAF 'safe training centres' advice sent out to all training members worldwide.

IPAF has also been working with Build UK to discuss the benefits and advantages of IPAF Rental+ accreditation, now a minimum standard for all UK hire company members, and how Tier 1 contractors can use the certifications that using an IPAF Rental+ member firm guarantees within their own Prequalification Questionnaires (PQQs).

IPAF's audit guidance documents have been reviewed ahead of distribution to members in 2021, including IPAF Rental+, IPAF Training Centre and Initial Audit Guidance for Applicant Training Centres. A new audit evidence portal has been developed, which allows Training Centres to upload evidence for review by the IPAF team.

In 2020, IPAF welcomed new Auditors to its team, adding Helen Carr in the UK, Juan Soria in Spain and Jose Mayo in Portugal.

Despite the pandemic, IPAF undertook its own quality audits with external accreditors, Safety Systems in Procurement (SSIP) and Bureau Veritas. SSIP, allowing IPAF to continue certifying SSIP Health & Safety Core Criteria in the UK, Bureau Veritas standards, allowing IPAF training members to safely deliver MEWP training in Spain.

In 2021, IPAF's Audit & Quality team will help deliver:

- A major fraud prevention update, protecting members and the IPAF brand;
- A review of instructor documents in conjunction with the Training department;
- Covid-19-safe virtual audits for the first six months of the year;
- Continued member support, including audit webinars throughout the year ensuring understanding of audit requirements for all types of IPAF audits.
- International certification of IPAF Rental+.

IPAF RENTAL+ COMMITTEE



Chair: Steven Gerrard (Speedy Powered Access)

The IPAF Rental+ Committee met 3 times during 2020 and welcomed new members, representing IPAF rental companies, to help initiate change, develop and monitor the IPAF Rental+ ensuring robust and effective evolution.

The committee ensures it continues to meet rising demand from contractors in the UK and Internationally reporting directly to the IPAF Council recognising their key objectives for growth and creating a safe environment for Powered Access Rental worldwide.



After 2020 started in a flurry of events – IPAF Elevation in Switzerland and ElevAÇÃO in Brazil, Professional Development Seminars for IPAF training personnel in Germany, Italy and the Nordics, were followed by Conexpo in Las Vegas, USA – the coronavirus pandemic too hold and from March onwards the majority of industry events were postponed, cancelled or held virtually, with only JDL Expo in Beaune, France, and bauma China in Shanghai going ahead in the second part of the year.

IPAF nevertheless rose to the challenge and delivered an informative programme of online events, webinars and workshops, and put out its four key magazine publications in Italian, German and English for both UK and North American readers. The IPAF Annual Report was produced as a digital-only publication in 2020; the annual report will not be printed in future for reasons of sustainability.

IPAF delivered on a range of digital projects, including relaunching the global accident reporting portal and preparing to release a brand new operator app called ePAL in 2021, in which users will be able to store their digital PAL Card and log category qualifications.

Supporting and communicating with members has never been more important, and IPAF used its digital platforms to good effect, posting news and updates via the www.ipaf.org website in nine languages, including Korean. The IPAF.org website acts as the hub for all of the digital content, and it performed well during 2020. Users increased by 23% coming from 204 countries, sessions went up 18% and downloads increased by 6% compared to 2019. IPAF's social media channels all saw growth compared to the previous year, with LinkedIn followers up by 30% and engagement up 80%.

Through webinars, virtual meetings, workshops and events IPAF engaged in lobbying activities including meetings of the UK APPG inquiring into workplace falls, gave input on the development of new standards, and informed the industry with presentations such as managing risk from Covid-19 and the latest findings from IPAF's Global MEWP Safety and Powered Access Market Rental reports. IPAF continued to issue media releases, safety and technical guidance, Andy Access safety posters and added to the Toolbox Talks series launched in 2019.

IPAF added members in two new countries – Cyprus and Mozambique – giving coverage across 74 territories worldwide. Denmark, Ireland, Lithuania, the Netherlands, South Korea and Sweden all saw notable increases in membership, and at the end of 2020 total membership was up on 2019.



Web users increased by 23%, with visits from 204 countries



Downloads increased by 6% on 2019



Over 12,000 people across 65 countries viewed an IPAF webinar



More members worldwide than ever, now in 74 countries



More than 65 press releases issued, averaging around 6 per month



Four in-house magazines published, with a readership circa 170,000 worldwide



MEMBERSHIP SERVICES AND BENEFITS

Do you have a special offer or discount to share with IPAF members? If so, please email faith.cobaine@ipaf.org

N.B. Any advertised membership services, benefits or special offers may be limited to certain countries and/or languages. They may also be withdrawn without notice.

IPAF MILESTONES



ALL VALID PAL CARDS NOW OFFICIALLY SMART CARDS

At the turn of 2020, all valid Powered Access Licence (PAL) Cards in circulation worldwide are now Smart cards. Since January 2015, all cards issued IPAF have been Smart cards; all PAL Cards must be renewed every five years, so no cards issued prior to 1 January 2015 are still valid. Peter Douglas, CEO & MD of IPAF, says: "It is encouraging that the effort IPAF puts into making the PAL Card a robust and globally recognised certification of its operator training is valued by equipment manufacturers, rental companies, contractors and training organisations worldwide."

The IPAF German PDS is held inside the world's largest self-supporting building, a 360m-long, 210m-wide by 107m-high former cargo hall, now the centrepiece of the Tropical Islands holiday park in Krausnick. IPAF instructors and training staff attend to hear specialist lectures, updates on the IPAF training programme and witness equipment demonstrations. PDS events are hosted elsewhere in January, including at a golf resort in Madrid, Spain, at St Jakob's Park, home of FC Basel in Switzerland, and at the Versalift headquarters in Farsø, Denmark.

JANUARY



DELEGATION RETURNS EARLY FROM CONEXPO AS VIRUS HITS

A delegation of IPAF representatives attends the huge Conexpo event in Las Vegas, NV, in the US, to talk about the upcoming changes to the ANSI A92 standards. The event is cut short owing to the escalating coronavirus threat; with the US starting to impose travel bans, the IPAF team flies home a few days early.

countries around the world. Rather than comparing a full year's accident data to previous years, the new format report is based on the most recent three full years of available data combined.

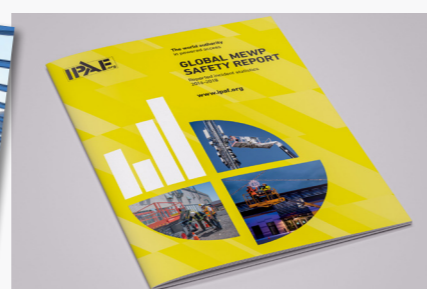
IPAF appoints Roberto Kim as its new Representative for South Korea to help grow its membership and foster greater engagement in the country.

IPAF's Informa magazine is published in Italian for distribution in Italy and Switzerland.

MARCH



MEWP accidents are more likely when working in public places or alongside roads than on controlled work sites, according to IPAF's Global MEWP Safety Report 2016-2018, which presents findings from the federation's analysis of data gathered through its accident reporting project from 25



IPAF LAUNCHES 'TOOLBOX TALK' SAFETY BRIEFINGS

IPAF's 'Toolbox Talk' series of safety presentations are ideal for use in break rooms or on work sites to allow managers or site supervisors to get key messages across at the start of a shift. The talks are based on a single sheet of paper, with bullet-points and easy-to-digest information aimed at conveying best practice guidance and safety advice based on IPAF's own technical and safety publications and supported by the popular Andy Access series of safety posters. The first release covers topics including MEWP familiarisation, pre-use inspections and rescue plans,

all translated into Dutch, English, French, German, Italian, Portuguese, Spanish and simplified Chinese.

IPAF hosts the seventh edition of ElevAÇÃO, the most important event in the work at height and platform operations sector in Brazil and Latin America.

IPAF runs a sold-out instructor-led session of its new MEWP Supervisor course in Chicago, IL, in the US. The training fulfils a new requirement in the updated ANSI standards.



FEBRUARY

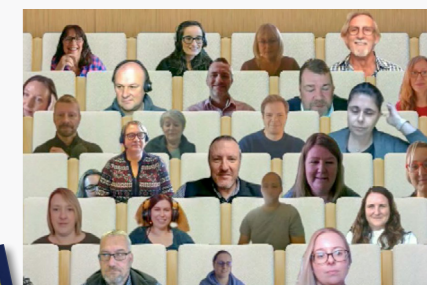
VIRTUAL MEETING CONFIRMS NEW IPAF PRESIDENTIAL TEAM

A new presidential team, first announced at Europlatform in Nice, France, in 2019, is confirmed for IPAF, with Norty Turner of United Rentals officially invested during the federation's 2020 AGM, held for the first time ever as a virtual meeting owing to the coronavirus pandemic. Karin Nars of Dinolift is confirmed as Deputy President and JLG's Karel Huijser becomes Vice President. Nick Selley of AFI-Uplift continues in an ex officio role on the IPAF Board, while three new members are also officially confirmed in place: Pedro Torres of Riwal, Julie

Houston Smyth of Lolex Ltd and Ben Hirst of Horizon Platforms. The AGM is the first since Peter Douglas took up post as IPAF CEO & Managing Director in 2019.

The 2020 IPAF Summit and IAPAs, set to be held on 23 April in London, UK, are postponed owing to restrictions on travel and gatherings indoors during the ongoing coronavirus pandemic. Other key industry events, including IPAF Innovate, planned for Chicago in the US in May, are also postponed.

IPAF's Powered Access magazine aimed at readers in the UK is published and distributed with the CIOB's Construction Manager title.



APRIL

IPAF MILESTONES



IPAF ISSUES VIRUS GUIDANCE AS ELEARNING DEMAND RISES

IPAF issues guidance to assist those using MEWPs, MCWPs, construction lifts and hoists to work safely and minimise the risk of spreading coronavirus. The new document has been developed and reviewed by IPAF's safety experts and members with specialist knowledge of health & safety best practice. It is centred on a hierarchy of risk, ranked from eliminating risk entirely, through reducing risk, isolating users from risk and controlling risk to protecting against risk through use of personal protective equipment (PPE).

During Italy's national lockdown, the Italy Country Council meets remotely for the first time, and the story makes the cover of Cranes & Access magazine. IPAF's team in Italy works together with members to translate two new courses, the Lift & Hoist course and the MCWP course.

IPAF Journal 2020, the German-language magazine, is published in May with a print run of 40,000. The content provides extensive information on all safety aspects and new developments in the powered access industry.



MAY



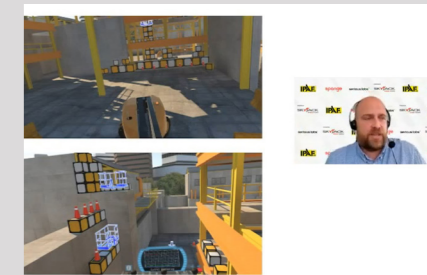
IPAF SUMMIT & IAPAS MOVED TO 2021 AMID PANDEMIC

The IPAF Summit & IAPAs 2020, scheduled to be held at the end of April and in the UK for the first time since being held in London in 2017 is postponed again. IPAF and joint organiser KHL later announce that, owing to ongoing uncertainty around the coronavirus pandemic, the event will be a virtual event to be hosted on 18 March 2021.

New guidance is issued by the UK Health & Safety Executive (HSE), following sustained lobbying from IPAF to clarify what should happen to machines that require renewal of their LOLER safety

testing certificates while the country is still in partial lockdown to prevent the spread of coronavirus

At the end of the month, IPAF hosts another in its very popular series of webinars. Entitled The Future of Safe Learning, the webinar looks at how COVID-19 has impacted training, how IPAF is responding and how employers and operators can utilise different technologies to continue to learn safely. IPAF also announces that its operator eLearning theory module has had the facial-recognition software used in MEWPs for Managers added, to ensure that only the designated candidate sits and completes the training.



JUNE

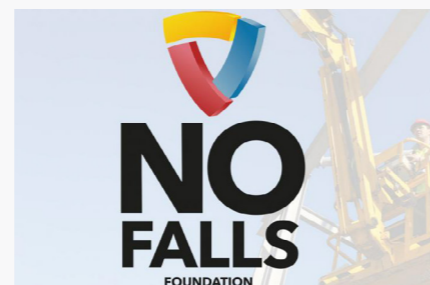
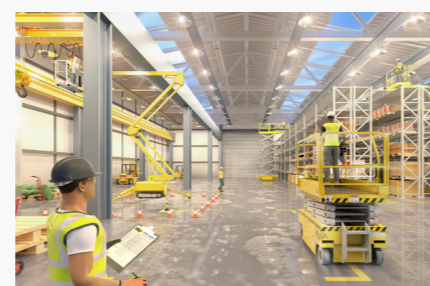
IPAF MEWPS FOR MANAGERS DEBUTS AS REMOTE TUITION

In response to new safety requirements due to Covid-19 and following IPAF's updated guidance to training centres, Nationwide platforms has successfully completed an online instructor-led MEWPs for Managers course for construction contractor Skanska.

As work at height on construction sites and in maintenance tasks increases as the UK eases its lockdown, IPAF assists in reminding workers of the latest message from the No Falls Foundation – 'Be Safe, Don't Fall, Stay Alive!' The No Falls

Foundation is a charity dedicated to preventing falls from height and helping people affected by the life-changing consequences of a fall, and IPAF is one of the charity's supporting member organisations. Peter Douglas, IPAF CEO and a trustee of the No Falls Foundations, says: "This is a critical time to remind people of their responsibilities to themselves and others while working at height and to resist pressure to cut corners in an attempt to catch up on lost time."

JULY



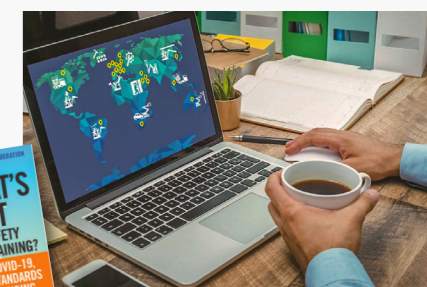
BRIAN PARKER NAMED AS IPAF HEAD OF SAFETY & TECHNICAL

Brian Parker is announced as the new Head of Safety & Technical for IPAF. He joins from AFI-Uplift Ltd and is to take up post on 2 October. Brian was Group Business Development Manager-Technical Support at AFI and brings 24 years' experience working in the powered access sector to the role. He also previously held roles as National Specialist Training Manager for HSS and was Group Health and Safety Manager and prior to that Training Manager at AFI, and prior to that served

for seven years in the Royal Engineers as an operator of heavy equipment.

IPAF promotes a new webinar entitled "Reducing accidents through intelligence". Brian Parker, IPAF's incoming Head of Technical & Safety and a key part of the IPAF Accident Project Working Group, will look in-depth at previously unpublished data and explore emerging trends in accidents and fatalities involving MEWPs.

IPAF's Elevating Safety magazine aimed at North American readers is published.



AUGUST

IPAF MILESTONES



NEW-LOOK ACCIDENT PORTAL AIMS TO BOOST REPORTING

IPAF relaunches its [worldwide accident reporting portal](#) as part of a major drive to gather the best quality data from around the world, to analyse that data to improve safety in powered access. The new portal launches in English but will see additional languages added. Peter Douglas says: "Every IPAF member use the revamped portal at [www.ipafaccidentreporting.org](#) – the new portal makes it easier to report an accident or near miss, works on multiple devices, allows multiple users per company, and has a feature for

users to register subsidiary companies. Since taking up post as CEO, it has been a key objective to lend new impetus to our global incident reporting project. I'm pleased that increasing numbers of members around the world see the benefits of feeding into this. I'm confident the new portal's layout and added functionality will only increase take-up."

IPAF urges key stakeholders to join a virtual meeting of the UK APPG, which takes place via Zoom. IPAF plays a lead role in this cross-party inquiry into falls and fatalities while working at height in the UK. The meeting considers how to engage with operators in rural industries or remote locations.

SEPTEMBER



NUMBER OF PAL CARDS ISSUED SURPASSES TWO MILLION

The total number of IPAF Powered Access Licence (PAL) Cards issued to MEWP and MCWP operators worldwide surpasses 2 million, with 800,000 valid cards now in use.

Countries including Italy, the Netherlands, Germany and China should see strong recoveries after the coronavirus pandemic, according to the latest analysis, conducted for IPAF by DuckerFrontier in the newly-published [Global Powered Access Rental Market Report 2020](#). France, the UK, Spain and Finland are among those worst hit by the pandemic.

Based on analysis of global data gathered by IPAF shows most accidents resulting in injuries and fatalities during delivery of MEWPs occur when loading or unloading. IPAF decided to overhaul its existing Load/Unload course, with new training materials being unveiled to instructors via two virtual Professional Development Seminars.

Amanda Beckett joins IPAF as the federation's new Head of Finance. She joins from Nationwide Platforms, part of the Loxam Group, taking up post on 9 November.



NOVEMBER



PAL+ COURSE ON SIMULATORS GETS GREEN LIGHT FROM IPAF

The use of simulators to assess advanced operator training is approved by the IPAF Council. Training centres delivering IPAF's PAL+ advanced operator course can now assess candidates in a VR environment, initially using sophisticated haptic-capable simulators developed by IPAF member Serious Labs. IPAF PAL+ is open to valid PAL Card-holders and demonstrates a higher level of proficiency in complex manoeuvres, as often required in advanced construction, manufacturing, engineering or processing applications.

Paul Roddis, IPAF's Training Manager, says: "A huge amount of hard work was put into making the assessment scenarios as lifelike in the VR environment as possible; the next step was to prove the technology using real training candidates under genuine assessment conditions, with valued support and input from our members."

IPAF joins industry calls for the Chancellor to postpone his plan to end tax relief on red diesel for construction in the UK, to take into account the ongoing impact of Covid-19.



OCTOBER

IPAF ADDS SWEDISH TO ITS SUITE OF TRAINING LANGUAGES

At the end of 2020, IPAF training is translated into Swedish for the first time, to meet booming demand for trained MEWP operators across the Nordic & Baltic region. IPAF training can now be offered across Sweden by accredited training company Lipac, with more Training Centres in the process of becoming IPAF-accredited.

Industry stakeholders join the final IPAF webinar of the year on 10 December, which offers a review of a tumultuous year in powered access and outlining some exciting initiatives for the year ahead. One such project sees IPAF

and a Denmark-based member firm working to develop and deliver a new digital operator app called ePAL, which will be free to use and will feature a digital IPAF PAL Card, log book, and operator safety guides. The new app is described as a "game-changer" and will help IPAF streamline and digitise processes, including issuing and renewing IPAF PAL Cards and helping operators keep track of machine operating experience via a digital.

New representatives for Spain and Switzerland are announced: Javier Cerezo is IPAF's new rep in Spain; Christine Lell steps up from acting in an interim capacity to take on the role full time for Switzerland, in addition to her existing responsibilities for French-speaking territories and eastern Europe.



DECEMBER



Demand for IPAF training fell dramatically in 2020 because of the COVID-19 pandemic, impacting significantly on revenues thereby necessitating prompt and radical measures being taken to mitigate the financial impact. The number of Pal Cards were issued in the year reduced by almost 24% to just over 134,000, although budgeted training levels were exceeded in some regions, notably, the Gulf States, Ireland, Eurasia, and the Nordic Region. In the dominant UK market, more than 32,000 fewer people completed IPAF training compared with 2019.

IPAF's turnover in 2020 reduced by almost £1.74million (24.8%) to £5.3million (approximately €6.0m or US\$6.8m), compared with 2019. Revenue from outside the UK reduced from 44% to 41.6% of the total income. Whilst reductions in training income accounts for the vast majority of this, the cancellation of many events and exhibitions also had a significant impact. However, radical cost management and credit control measures along with support from the U.K. and Swiss Government's respective Job Retention Schemes and an increase in bank borrowings under the Coronavirus Business Interruption Loan Scheme enabled the business to continue to invest in key personnel, build up strong cash reserves to protect the federation against any future COVID-19 impacts and to a return a surplus of £333.8k in the year.

Despite difficult trading conditions worldwide, which contributed to the loss of c.110 members, overall membership increased by 2.1% from 1,422 to 1,452 in 2020, and extended IPAF's footprint into 75 countries, including two new countries (Cyprus and Mozambique). Within Europe, including the UK and Ireland, membership increased by 2.2%, while IPAF saw growth in membership numbers from outside Europe of 1.8%. Membership from outside Europe remained stable as a proportion of the total at c. 31%.

“IPAF-accredited training generated significant business for members who offer training courses, and contributed in excess of 75% to the overall turnover of IPAF in 2020”

The number of new Training Centres joining IPAF reduced from 45 in 2019 to 37 in 2020, bringing the total at the end of 2020 to 561 across 51 territories, an increase of 1.0% on 2019. Despite the global pandemic, IPAF-accredited programmes continue to generate significant business for members who offer training courses and contributed in excess of 75% to the overall turnover of IPAF in 2020, an increase of 5.1% compared to 2019.

The number of people undertaking IPAF training reduced by 41,500 during 2020, with 134,407 people successfully completing a course, a reduction of 23.6% on 2019 (175,986). There was however strong growth in Ireland, Eurasia and the Nordic Region.

The International Powered Access Federation (IPAF) is a registered Society under the UK's Co-operative and Community Benefit Societies Act 2014, regulated by the UK Financial Conduct Authority. The Act came into force on 1st August 2014 and supersedes the Industrial and Provident Societies Act 1965. IPAF operates as a not-for-profit organisation which is obliged to re-invest all surpluses in furthering the aims of the organisation as defined by the members. The accounts are audited by Azets (formerly Baldwins) Chartered Accountants and are presented at the Annual General Meeting for approval.

Growth in membership:

NORDIC REGION	34%
SWITZERLAND	13%
IRELAND	11%
BENELUX	10%
RoW	37%
OVERALL	2.1%

Growth in training:

EURASIA	287%
IRELAND	57%
OVERALL	-23.6%

Overall business growth:

REDUCTION IN TURNOVER	24.8%
INCREASE IN TRADING SURPLUS*	53.9%
PEOPLE SUCCESSFULLY COMPLETED AN IPAF COURSE	134,407

*Before 2019 re-structuring costs



KEY PERFORMANCE INDICATORS 2020

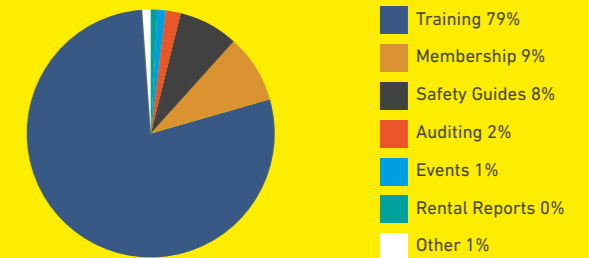
Income Split: Training income is in excess of 75% of the total turnover for the year, with membership and safety guides combined making up 17%.

Turnover: Turnover in 2020 reduced by almost £1.74million (24.8%) to £5.3million (approximately €6.0m or US\$6.8m), compared with 2019. Revenue from outside the UK reduced from 44% to 42% of the total income.

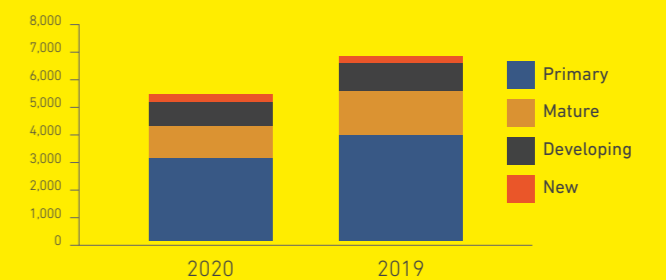
PAL Cards: The number of people undertaking IPAF training reduced by 41,500 during 2020, with 134,407 people successfully completing a course, a reduction of 23.6% on 2019 (175,986).

Membership: Overall membership increased by 2.1% from 1,422 to 1,452 in 2020, and extended IPAF's footprint into 75 countries, including two new countries (Cyprus and Mozambique).

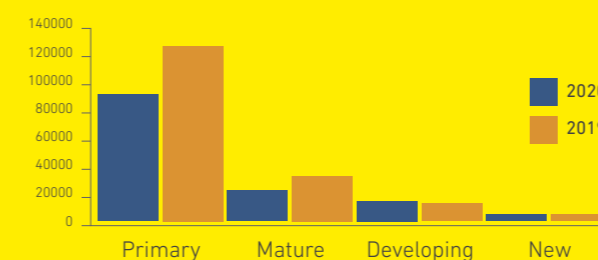
2020 Turnover % Split



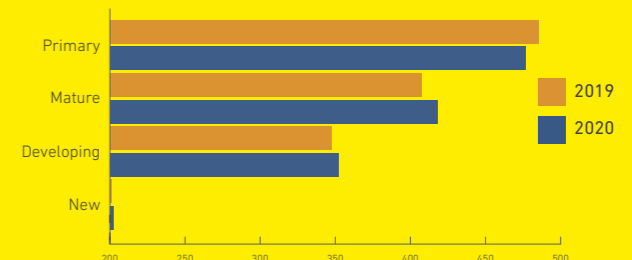
Turnover £000



PAL Cards



Membership



IPAF MEMBERSHIP

All individual IPAF members named as of end of December 2020. See current list at ipaf.org

ALGERIA

Renault Algérie Production
www.groupe.renault.com

ARGENTINA

GSA RENTAL
www.gsarental.com.ar
Haulotte Argentina
www.haulotte.com
IMG Rental
www.imgrental.com.ar
Renault Argentina
www.group.renault.com
RK ELEVACIONES
www.rkelevaciones.com.ar
Stogue
www.stogue.com.ar
Sullair Argentina
www.sullairargentina.com
VOLKOV ARGENTINA
www.volkov.com.ar

AUSTRALIA

Alimak Group Australia Pty
www.alimak.com.au
EWP Training Solutions
www.ewptrainingsolutions.com.au
EHPA
www.ewpa.com.au
Haulotte Australia Pty Ltd
www.haulotte.com.au
Protective Innovations Pty
www.protectiveinnovations.com.au
TVH Australasia PTY LTD
www.tvh.com.au

AUSTRIA

Boels Maschinenverleih Österreich
www.boelstraining.at
Dorn Lift
www.dornlift.com
Felbermayr Transport und Hebetchnik & CoKG
www.felbermayr.cc
FLOTT Arbeitsbühnen
www.flott.cc
Griehser
www.griehser.at
HKL Baumaschinen Austria
www.hkl-baumaschinen.at
Kögl
www.koegl.at
Lorenz Lift
www.lorenzlift.at
Mayer & Schöffner Arbeitsbühnen
www.mayer-schoeffner.at
W Reitinger Arbeitsbühnen & Mobilkrane
www.w-reitinger.at

BAHRAIN

MMETC (Modern Mechanical Electrical & Transport Co)
www.mmetc.com
Sarens Nass Middle East WLL
www.sarensnass.com
Snorkel Middle East

BANGLADESH

Industrial EquipSol Ltd
www.iesl-bd.com

BELARUS

BAZA 369
www.uaendub.y

BELGIUM

Alimak Group Benelux
www.alimak.nl
Allift Michielsens
www.allift.be
DK Rental
www.dkrental.be
LODAX - Pads & Mats
www.lodax.eu
Loxam SA Belgium
www.loxam.be
TVH Parts Holding
www.tvh.com
Vertimac BA
www.vertimac.com

BRAZIL

Alcance Locação e Comercio de Maquinas
www.alcancebr.com.br
Alexandre De Oliveira Celestino

Alimak Hek do Brasil
www.alimak.com.br

Altoplat Plataformas Aéreas
www.facebook.com/altoplat

ASL Equipamentos
www.aslmanutencao.com.br

Aura Brasil Máquinas e Equipamentos
www.aurabrasil.com.br

CESARIO'S TREINAMENTOS & CONSULTORIA
www.cesariostreinamentos.com.br

Degraus Andaimas Maquinas e Quip p/Construção Civil
www.degraus.com.br

Eleva Brasil soluções em elevação
www.elevabr.com.br

Forca 1 Locações de Maquinas e Equipamentos
www.forca1locacoes.com.br

Haulotte Do Brasil
www.haulotte.com.br

HOLAN10 – LOCAÇÕES DE EQUIPAMENTOS
www.plataformascuritiba.com.br

JLG Latino Americana
www.jlg.com

L C Monteli – Corretora De Seguros
www.monteliseguros.com.br

LASS Máquinas e Equipamentos
www.lass.com.br

Manitou Brasil Manipulação de Cargas
www.manitou-group.com

MAQLEV – MANUTENÇÃO DE EQUIPAMENTOS
Maxrental Locadora De Equipamentos
www.maxrental.com.br

MILLS Rental
www.mills.com.br

MOTORMAC – Distribuidora Meridional de Motores Cummis
www.motormac.com.br

ORGUEL LOCAÇÃO DE EQUIPAMENTOS
www.grupoorguel.com.br

Palfinger
www.palfinger.com

RCB Locações de Equipamentos e Máquinas
www.rcbplataformas.com.br

Renault – Curitiba Plant
www.group.renault.com

Rental Master Locação De Máquinas E Equipamentos
www.rentalmaster.com.br

RENTALSUL LOCAÇÕES
www.rentalsul.com.br

Retifica São Jose
www.retificasajose.com.br

Rodrigues Barbosa & Barbosa
Roland Robert Colombari
www.rtrqualifica.com.br

Rosa Plataformas
www.rosaplataformas.com.br

SK Rental Locação De Equipamentos
www.skrental.com.br

Skyjack Brasil
www.skyjack.com

Socage do Brasil
www.socage.com.br

Terex Latin America
www.terex.com.br

TRIMAK ENGENHARIA E COMÉRCIO
www.tvh.com.br

W RENT ABC – LOCAÇÃO DE MÁQUINAS
www.wrent.com.br

W Rental Locadora de Equipamentos
www.wrental.com.br

BULGARIA

STROYRENT EOOD
www.stroyrent.bg

CANADA

Brad Boehler
Delta-Q Technologies Corp
www.delta-q.com
Hydro Mobile
www.hydro-mobile.com
Jarnel Contracting
www.jarnelcontracting.ca
Larry J Farquhar
www.alllifttrucktraining.ca
Leavitt Machinery
www.leavittmachinery.com
Location Ideal
www.locationideal.com
PALFINGER Platforms North America
www.palfinger-northamerica.com
QUALITYCENTER ENTERPRISES
www.qualityopcenter.com
Rolls Battery Engineering
www.rollsbattery.com
Serious Labs
www.seriouslabs.com
Skyjack
www.skyjack.com
SOS Location CA
www.soslocation.ca
ZTR Control Systems
www.ztr.com

CHILE

ALO Training Alo Group
www.alotraining.com
Corental
www.corental.cl
EMARESA
www.emaresa.cl
EQUIPOS Y SERVICIOS TREX

www.equipostrax.com

Haulotte Chile
www.haulotte-chile.com

O&V Rental
www.ovrental.cl

Renault Chile
www.group.renault.com

SK RENTAL
www.skrental.cl

CHINA

AIRO (Beijing) Lift Co
www.airobj.com

Alimak Group Vertical Access Equipment Co
www.alimak.cn

Alliance Metal (Changzhou) Co
ds.arcelormittal.com/projects/china

Anhui Liugong Crane Co
www.liugong.com

Beijing Jingcheng Heavy Industry Co
www.en.jchic.com

Beijing Shengshi Chengguang Machinery and Equipment Leasing Co
www.sscgbj.com

Beijing Xiangyuncheng Building Decoration Engineering Co
www.zlxyc.com

CEC CANPLUS DRIVE & CONTROL CENTRE
www.canplus.cn

Chongqiang Baisaitai Machinery Co
www.best99.com

Curtis Instruments (China) Company
www.curtisinstruments.com

Dongfeng Renault Automotive Company (DRAC)
www.group.renault.com

Eurocrane China
www.eurocrane.com.cn

EXMILE Special Tyre Co
www.exmiletire.com

Geelanter Solid Tire Co
www.geelanter.com

Global Machinery Hub Co
www.gmhlift.com

Green Power Design Astri
www.gpowerdesign.com

HANGZHOU HANGCHA AERIAL PLATFORM EQUIPMENT CO
www.hmme.cc

Haulotte Trading (Shanghai) Co
www.haulotte.com

Hefei Tianyu Booen Technology Co
www.tianyubooen.cn

Hefei Yamei Technology Co
www.yameikeji.cc

Henan Jianghe Special Vehicle Co
www.jhqz.com

Henan Tonguan Machinery Rental Co
www.tgzi-china.com

Hertz Equipment Rental Co
www.hertzequip.cn

Hong Kong QUIMO Power Company
www.quimobattery.com

Hunan Jesh Heavy Industry Co
www.jeshlift.com

Intradin (Shanghai) Machinery Co
www.intradin.com

Jiangsu Fengchi Wheel Co
www.fcfrs.com

JIANGSU TOPOWER TYRE Co
www.topowerwheel.com

Jinan Hei Lifting Platform Manufacture Co
www.tianli.com.cn

JLG Industries Shanghai Branch
www.jlg.com

Lingong Group Jinan Heavy Machinery Co
www.lgmg.com.cn

Manitou China Co
www.manitou.com

Mantall Heavy Industry Co
www.mantall.com

Nanjing Simba Machinery Equipment Co
www.xinbajx.com

Nantong Rainbow Heavy Machineries Co
rhm.rainbowco.com.cn

Niuli Machinery Manufacture Company
www.chinaniuli.com

Noblelift Intelligent Equipment Co
www.noblelift.com

North Valley Research
www.nvr-china.com

Precede Machinery & Equipment (Beijing) Co
www.upright-china.com

Rocher Intelligent Tech (Shanghai) Co
www.rocher-tech.com

Shandong Chufeng Heavy Industry Machinery Group Co
www.cfmglift.com

Shandong Qiyun Group Co
qiyunlift.en.alibaba.com

Shanghai Chengong Electrical Control Technology Co
www.chen-gong.com

Shanghai Horizon Equipment & Engineering Co
www.horizon-equipment.com

Shanghai Safe Equipment Co
www.safe-equipment.com

Shanghai Suide Mechanical Engineering Co
www.shsidejx.cn

Shanghai Universal Equipment Co
www.manlift-sh.com

Shanghai Yacontee Industrial Co
www.yacontee.com

SHANGHAI YILUO MACHINERY EQUIPMENT ENGINEERING CO
Sinoboom (Hunan Sinoboom Intelligent Equipment Co)
www.sinoboom.com

Sunward Intelligent Equipment Co
www.sunward.com.cn

Terex (Changzhou) Machinery Co
www.geniechina.com

Trojan Battery Company China
www.trojanbattery.com

TVH CHINA CO
www.tvhchina.com

XCMG Fire-fighting Safety Equipment Co
www.xzxx.com.cn

XIAMEN CHUANGDE MACHINERY COMPANY
www.cdmaschine.cn

XIAMEN HIGHFLYER RENTAL CO (厦门海福租贵有限公司)
highflyer-industrial.com

Xiamen Lanli Composite Co
www.xmgather.com

Xian Rong Feng Software Technology Co
www.3swin.cn

Yantai Future Automatic Equipments Co
www.yantaifast.com

Zhejiang Dingli Machinery Co
www.chinadlml.com

Zhongneng United Digital Technology Co
www.znlhzl.com

Zoomlion Heavy Industry Science & Technology Co Aerial Work Platform Machinery Branch
www.zoomlion.com

COLOMBIA

AeroRental
www.aerorental.com.co

CGB – Comercializadora Gomez Botero
www.cgbsas.com

Proing
www.proingcol.net

Renault Colombia
www.group.renault.com

Torres Equipos
www.torresequipos.co

CYPRUS

Foris P Garpozis & Sons
www.facebook.com/GARPOZISLIFTS

CZECH REPUBLIC

Bohemia Fire

CRAMO
www.cramo.cz

Rothlehner pracovní plošiny
www.rothlehner.cz

Statech
www.statech.cz

DENMARK

Alimak Group Denmark
www.alimak.se

AMU-Fyn
www.amu-fyn.dk

BMS
www.bms.dk

Danish Rental Association – Materielsektionen
www.materielsektionen.dk

EUC Lilleaelt
www.eucl.dk

Falcon Lifts
www.falconlifts.com

GSV Materieludlejning
www.gsv.dk

Loxam
www.loxam.dk

OMME LIFT
www.ommelift.dk

Rival Denmark
www.rival.dk

Time International
www.time-danmark.dk

Trackunit
www.trackunit.com

ECUADOR

Gruas Valeriano Ecuador
www.gruasvaleriano.ec

VAETA Elevplus
www.vaetaecuador.com

ESTONIA

Cramo Estonia
www.cramo.ee

Ramirent Baltic
www.ramirent.ee

FINLAND

Bronto Skylift
www.bronto.fi

Cramo Plc
www.cramo.com

Dinolift
www.dinolift.com

Hämeen Rakennuskone (HRK)
www.hrk.fi

Janneniska
www.janneniska.com

Leguan Lifts
www.leguanlifts.com

Scanclimber
www.scanclimber.com

Simeri
www.simeri.fi

ALIMAK BECOMES FOURTH SUSTAINING MEMBER



Alimak Group, the global mast-climbing work platform (MCWP) and construction hoist (passenger, goods, transport platforms) manufacturer, has become IPAF’s fourth Sustaining Member. Headquartered in Stockholm, Sweden, it has a presence in more than 20 countries worldwide.

All of the Alimak Group are now members of IPAF following discussions and an agreement to sign up to the Sustaining Member category during 2020. Alimak Group joins Haulotte, APEX and AON (formerly Henderson Insurance) as Sustaining Members of the federation.



FRANCE

Acces Industrie
www.acces-industrie.com

Alimak Group France
www.alimak.com/France

ALTEC France
<

www.schipper-group.com
Haulotte Hubarbeitsbühnen
www.haulotte.de
HBC-Radiomatic Radio Control Systems For Industrial Applications
www.hbc-radiomatic.com
Helge Herrmann
www.ambion.de
Hematec Arbeitsbühnen
www.hematec-arbeitsbuehnen.de
Hert Arbeitsbühnen Vermietung
www.hert-arbeitsbuehnen.de
HKL Baumaschinen
www.hkl-baumaschinen.de
Holger Trautmann
Hundrup Arbeitsbühnen-Vermietung Verwaltungs- und Beteiligungsgesellschaft mbh Waltrop
www.hundrup.de
Hytec Arbeitsbühnen Vermietung
www.hytec-bremen.de
IKAR
www.ikar-gmbh.de
Industriepark Augsburg
www.industriepark-augsburg.de
Jens Maaßen
JLG Deutschland
www.jlgeurope.com
Jokie´s Schulungszentrum
www.bkf-emen.de
Julian Lohmar
Karlsruher Messe- und Kongress
www.messe-karlsruhe.de
Kiloutou Deutschland
www.kiloutou.de
Kiloutou Middeke
www.wm-rent.com
Kiloutou Wiesecker Werkzeugvermietung
www.wiesecker.de
Klickrent
www.klickrent.de
Kölbl Training & Consulting
www.koelbl-gruppe.de
Kreutzberger & Co KG
www.kreutzberger-kiet.de
Kuhnle
www.kuhnle.eu
Kunze
www.kunze-buehnen.com
Lift-Manager Jäkel & Rothlehner
www.lift-manager.de
Loxam DEUTSCHLAND
www.loxam.de
M+S Arbeitsbühnen
www.ms-lift.de
Manitou Deutschland
www.manitou.de
Manuel Gogel
Markus Kappe
Mateco
www.mateco.de
Mayer Hubarbeitsbühnen
www.mayer-arbeitsbuehnen.de
Merlo Deutschland
www.merlo.de
Michael Vogel
Mietpark Gushurst
www.mietpark-gushurst.de
Minimax E.I.S
www.minimax.de
Minimax & Co KG
www.minimax.de
MLB Manufacturing Service
www.mlb-is.de
NMV Neubrandenburger Maschinen Vertriebsgesellschaft mbH
www.nmv-neubrandenburg.de
Norbert Wienold
www.wienold-lift.de
Nuno-Miguel Vaz-Rosendo
Palfinger Platforms
www.palfinger-platforms.com
Partnerlift
www.partnerlift.com
Paszko Wienczyslaw
Paul Becker
www.becker.eu
PB Liftechnik
www.pbgmbh.de
Peter Cramer & Co KG
www.cramer-arbeitsbuehnen.de
Peter Seemann Sabic Polyolefine
www.sabic-europe.com
Power-Lift Deutschland
www.power-lift.de
Radicke Lift
www.radickelift.de
Richter Gabelstapler & Co KG
www.richter-gabelstapler.de
Riwal Deutschland Riwal Akademie
www.rival.com
Roggenland Arbeitsbühnen und Staplervermietung
www.roggenland-arbeitsbuehnen.de
Roggermaier
www.roggermaier.de
Rösler Software-Technik
www.miniDaT.de
Rothlehner Liftverleih & CoKG
www.rothlehner-k.de
Rothlehner Arbeitsbühnen
www.rothlehner.de
Ruthmann & Co KG
www.ruthmann.de
SAHA LIFT
www.sahalift.de

Salgert
www.salgert.eu
Sanders & Co KG
www.sanders-online.de
Schirmer & Co KG
www.schirmer-hub.de
Schmidt & Co KG
www.schmidt-info.de
Schulungs-Zentrum-Bietigheim
www.szb-schulung.de
Schwenk Training
www.schwenk-sicherheit.it
Sielke Arbeitsbühnen & Co KG
www.sielke-arbeitsbuehnen.de
Silvio Becker
Simon Pulch
SpanSet & Co KG
www.spanset.de
Stefan Köller
www.platformservice.de
Stefan Liebler
Stefan Lung
Stephan Lützenkirchen
Stjepan Dumancic
www.uvpplus.de
Terex Genie Germany & Co KG
www.genielift.de
Teupen Maschinenbau
www.teupen.com
Theo Jäckering
www.industrimodellbau.de
Theo-S
www.theo-s.de
Thomas Hensel
www.gutachter-baumaschinen.de
Thomas Zimmer
Tractel Greifzug
www.greifzug.de
Uwe Stroot
www.sb-meppen.de
Vertikal EVENTS
www.platformers-days.de
Vladimir Weber
Wagert Arbeitsbühnen-Vermietung
www.wagert.de
Weidler Arbeitsbühnenvermietung
www.weidler-arbeitsbuehnen.de
WEMO-tec
www.wemo-tec.com
Wilde
www.wilde-gmbh.com
Wilfried Wiegand
Willenbrock Concept
www.mewp.de
Wolfgang Klein
www.wk-coach.de
Zeppelin Rental
www.zeppelin-streif-baulogistik.com

HONG KONG

Alimak Group Hong Kong
almak.com
Chim Kee Machinery Co
www.chimkeesgroup.com.hk
Feng Yuan (China) Co
www.fengyuan.com.hk
Galaxy Machinery Trading Co
www.galaxymt.com
Gammon Construction
www.gammonconstruction.com
Go Bright Rental Co
Honor Us Equipment (HK)
www.honorus.hk
JLG Equipment Services
www.jlg.com
Link Attempt
www.linkatempt.com
Modern (International) Access & Scaffolding
www.modern-access.com
Proficiency Industrial Products
www.pipl.com.hk
Shing Fung Engineering & Equipment
www.hkshingfung.com

HUNGARY

Cramo
www.cramo.hu
Mateco-Hungária
www.gepber.hu

ICELAND

Hoist Vinnulyfur
www.hoist.is

INDIA

Alimak Group India
almak.in
CRANEBRAINZ CONSULTANTS
www.cranebrainz.com
Haulotte India
www.haulotte.in
iRise India
www.iriseindia.com
JLG Industries India India
www.jlg.com
Manlift India
www.manliftgroup.com
Renault Nissan Automotive India
www.group.renault.com

Sudhir Power Access Division
www.sudhirpower.com
Trident International Service Department
www.trident-intl.com
TVH India
www.tvh.com

INDONESIA

PT Superkrane Mitra Utama
www.superkrane.com

IRAN

Renault Pars
www.group.renault.com

IRAQ

Al Khudairi Rentals Company
www.alkhudairirentals.com

IRELAND

Access & Forklift Services
www.aafs.ie
Advanced National Training Services (ANTS)
www.ants.ie
Aerial Platform Hire
www.aerialplatform.ie
Alan Franzoni
Alan Franzoni T/A Global Training Solutions
www.globaltrainingsolutions.ie
Anthony Lane
Ayrton Consultancy T/a Ayrton Group
www.ayrton.ie
Blulift
www.blulift.ie
Claremorris Safety Training Centre
www.cstc.ie
Conor Hunt
Corlurgan Training Centre
www.thinksafety.ie
Damien O'Reilly
David Scannell
Nicholas Davin
Dromad Hire
www.dromadhire.com
Euro Access
www.euroaccess.ie
Frank Thornton Health & Safety
www.fthealthservices.com
Height for Hire
www.heightforhire.com
Height Platforms
www.heightplatforms.ie
Holland Safety
www.hollandtcs.com
HSS Training Ireland
www.hss.com
IPS Ireland
www.ipsireland.ie
ISM Training
www.ismtraining.ie
John Ball
www.velocityrentalsolutions.com
John Morrissey
John Power Plant Sales T/a Power Plant Hire
www.powerplant.ie
Lift Hire Ireland
www.lifthireireland.com
Loxam
www.loxam.ie
M Walsh Hire T/a MW Hire Group
www.mwhire.com
Michael Haslam
Michael McPhillips
OK Tool Hire & Sales
www.oktoolhire.ie
O'Reilly MEWP Services T/A MEWP Services
www.mewpservices.com
Patrick Lawlor
Salus Training Services
www.salustrainingservices.com
Scaffold Elevation International
www.scaffold.ie
Stephen Kelly
Tom Callanan
Versalift (Ireland)
www.versalift.ie
Wicklow Hire & Sales
www.wicklowhire.ie
www.wicklowhire.ie

ISRAEL

Yehoshua Equipment
www.yehoshua.com

ITALY

Aerotecnic
www.aerotecnic.it
AIAS
www.aias-sicurezza.it
Airo by Tigieffe
www.airo.com
Alimak Group Italy
almak.com/Italy
ALMAC
www.almac-italia.com
Andrea Boldrini
www.xgroupsrft.com
ANDREA GOTTI
ANFIA
www.anfia.it
ASIMOV

www.asimovsrft.it
ASSODIMI – ASSONOLO
www.assodimi.it
Barin
www.barin.it
BARNABA DELLA TORRE
BERTI Piattaforme Aeree
www.piattaformeberti.com
Big Astor
www.bigastor.it
Bigman
www.bigman.it
Bravi Platforms
www.bravi-platforms.com
CAMP
www.camp.it
Carlo Marcatelli
CELA
www.cela.it
Centro Formazione e Ricerca Merlo
www.cfrm.it
CENTRO SISTEMI
www.itek4.it
Ciemme
www.ciemme-noleggio.it
CMC
www.cmclift.com
Cofiloc
www.cofiloc.com
COMET OFFICINE
www.officinecomet.com
ConformGest Group
www.conformgest.it

CTE
www.ctelift.com
EASY LIFT
www.easy-lift.it
Edilrental Roma
www.edilrental.it
Electrorsa
www.electrorsa.com
Elevateur
www.elevateur.it
ELEVO
www.elevo.it
ELLE DUE
www.elle2.eu
Faraone Industrie
www.faraone.com
Giancarlo Norcia
Gianfranco Savani
www.savani.it
GM
www.gmnoleggio.it
GSR
www.gsrspa.it
Haulotte Italia
www.haulotte.it

Hinowa
www.hinowa.com
IMER International IMER Access
www.imergroup.com
IPi
www.ipisir.it
ISOLI
www.isoli.com
Jacopo Bolpagni
JLG Industries Italia
www.jlg.com
Lext Consulting S.a.s di Lorenzo Perino e C Studio Legale
www.lexit.it
Loxam Access
www.loxam.it
MGA di Scarsi Maurizio & C
www.mgacarrilielevatori.com
Maber Hoist
www.maber.eu
Magni Telescopic Handlers
www.magnith.com
Marco Novidi
Massimiliano Santi
MASSUCCO T
www.massuccot.com
Mediapoint & Communications
www.mediapointsrl.it
Mollo
www.mollofratelli.com
Multitel Pagliero
www.pagliero.com
Nicola Gaifami
www.nolorico.it
Nolves
www.nolves.com
O.MEC
www.omec.it
Palazzani Industrie
www.palazzani.it
Palfinger Platforms Italy
www.palfingerplatformsitaly.it
Parmiani noleggi
www.parmianinoleggi.it
Piattaforme Aeree Formazione SAS di Cantamessa Ezio & Co
www.paftraining.com
Platform Basket
www.platformbasket.com
PM Oil & Steel
www.pilsteeL.it
REMDEVICE
www.remdevice.com
Rental Consulting
www.rentaconsulting.it
RIMA

www.rimaspa.com
RUTHMANN ITALIA
www.ruthmann.it
SA.MA
www.samagroupe.com
Savis Service
www.savisservice.com
SE.I Servizi industriali
www.serviziindustriali.it
SETIF Centro di Formazione IPAF
www.setif-tecnologia.com
SOCAGE
www.socage.it
Spanset Italia
www.spanset.it
Tecman
www.tecman.it
TECNOALT
www.tecnoalt.it
TECNOCAR Noleggio
www.tecnocarsrl.it
TECNORENT di Marinoni Pierangelo Officina Assistenza e Noleggio
Terex Italia
www.terexitalia.com
TVH ITALIA Ricambi per PLE
www.tvhitalia.it
Valeria Mazzeo
Venzo Falcone
www.corsidiformazioneple.it
Werent
www.werentgroup.com

JAPAN

Aichi Corporation
www.aichi-corp.jp
Fuji Kenki Lease Company
www.fj-kenki.co.jp
Hokuetsu Industries Co
www.airman.co.jp/en/
Japan Lift Climber Association
www.lift-climber.jp
Nagano Industry Co
www.nagano-l.jp

JORDAN

Yousef Mousa Crane Co
www.yousefmousacranes.com

KAZAKHSTAN

Astana Construction Business Group
www.acbgroup.kz
Riwal Equipment Services LLP Rental Sales and Training
www.riwal.kz

KENYA

Aerial Access Kenya
www.aerialaccesskenya.com
KAILEYS CONSORTIUM
www.kailseysconsortium.com

KOREA, SOUTH

Alimak Group Korea Co
almak.co.kr
HA EUN
Jsung Mulsan Co
Korea Rental Corporation
www.korearental.co.kr
LOTTE Rental Co
www.lottarental.com
Renault Samsung Motors Co
www.group.renault.com
Woolim International Co
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KUWAIT

DAYIM EQUIPMENT RENTAL, Equipment Rental & Training
www.hertzequip.com.sa
Gulf Group Co, Rental Department
www.gulfgroupco.com
Rapid Access Kuwait
www.rapidaccess-gulf.com

LATVIA

Manitou Nordics
www.manitou.com
Ramirent Baltic AS Rīgas filiāle
www.ramirent.lv

LEBANON

Mahmoud Kurdi Trading Est
www.kurditrading.com

LIECHTENSTEIN

Mietlift
www.mietlift-ag.com

LITHUANIA

Cramo
www.cramo.lt
Ramirent Baltic AS Vilniaus filialas
www.ramirent.lt
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www.versloaljansas.lt

MALAYSIA

Aerial Global
www.aerialglobal.com.my
Aerial Lift & Equipment
www.aeriallift.com.my
Alimak Group Malaysia
almak.my
Aver Asia Rental
www.averasia.com
BES Industry & Trading
www.besindustry.com.my
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www.eastwaygroup.com
Elevated Resources
Equip AWP
Keng Guan Skylift
www.kengguan.com
Manitou Malaysia MH.
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Mokhtar Mohamed Bin Barkat Ali
NATIONWIDE SKYLIFT (MALAYSIA)
www.nationwideskylift.com.my
Nishio Rent All (M)
www.nishio.com.my
Schmetterling Rental
www.thesmtl.com
Sofleet (Hitech Software)
www.hitech.fr/en
Superb Access Solutions
www.superb-access.com.my
TH Tong Heng Machinery
www.thtongheng.com.my
Top Plus Machinery & Trading

MEXICO

Aerial Depot
AMMEC Comercial
www.ammec.com.mx
Crane's Engineering & Operator México
www.ceomexico.net
ESKALA MEXICO
www.eskalamexico.com
GAM ALQUILER MEXICO
gamrentals.com
Haulotte Mexico
www.haulotte.com.mx
ISI RENTAS – Asesoría y Servicios Industriales ISI Nuevo León
www.isirentas.com
Maquinaria de Elevación
www.maq-elevacion.com
Maquinas Diesel – MADISA
www.madisa.com
Promotora De Maquinaria De Altamira
www.pmaltamira.mx
PROSIC Promotora de Servicios Integrales para la Construcción
www.prosic.net
Prospac
www.prospac.com
Rental Lift de Mexico
www.rental-lift.com
RENTCO
www.rentco.com.mx
SEGAMAC
www.segamac.com
T MAQUINARIA
www.tmaq.mx
TVH Parts Mexico
www.tvhamericas.com/mx

MOROCCO

Adam Industries
www.adamindustrie.com
Loxam MAROC
www.loxam.ma
Renault Tanger Méditerranée
www.group.renault.com

Industrial Promotions International
www.ipi-nl

Collé Safety & Training
www.colle.eu

Debru Hoogwerker
www.debru.nl

Doorbos Equipment B.V
www.doorbos-equipment.com

Eigenraam Hoogwerkers
www.eigenraam.nl

Eric Klink
www.eurosupply.net

Eurosupply Hoogwerksystemen
www.eurosupply.net

Fontexx Cranes & Access
www.fontexx.com

Fred Joosten

Gerken Hoogwerker Verhuur
www.gerken-hoogwerkers.nl

Gjaltema Verhuur
www.gjaltema.eu

Hans van Gameren
www.hans-hoogwerksystemen.nl

Haulotte Netherlands
www.haulotte.nl

HDW Nederland
www.hdwn.com

Henrie Schuurmans

HOC Opleiding & Training
www.hoctraining.nl

HOCAP
www.hocap.nl

Holland Huurt
www.hollandhuurt.nl

Holland Lift International
www.hollandlift.com

Hoogwerker Centrum Nederland
www.hoogwerkercentrum.nl

HoogwerkService
www.hoogwerkservice.nl

HOOGWERKT
www.hoogwerkt.nl

Huurmaat
www.huurmaat.nl

HWS Verhuur
www.hws.nl

JLG EMEA
www.jlg.com

Joop Lems
www.lems-vwl.nl

Kamphuis Hoogwerkers
www.hoogwerken.nl

Kors Hoogwerksystemen
www.kors-hoogwerksystemen.nl

KTS Kraan- en Truck Service
www.kraantruckservice.nl

KWAK Hoogwerker Centrum
www.kwak.nl

LGMG Europe
www.lgmgeurope.com

Loxam
www.loxam.nl

Marcel van der Vlist
www.safety1st-nederland.com

mateco
www.mateco.nl

Maurice Jassies

Mehmet Eski Eski Opleidingen

Michael Renka Servicemonteur.eu
www.servicemonteur.eu

NIHOp
www.nihop.nl

NOLIM Kunststof Rij- en Stempelplaten
www.nolim.nl

Nooteboom Trailers
www.nooteboom.com

Onno Faassen FO Training & Advies
www.fe-training.nl

Paul Landsbergen Landsbergen Advies
www.landsbergenadvies.nl

Peinemann Hoogwerk Systemen
www.peinemann.nl

Pfeifer Rentals
www.pfeiferrentals.com

Piekaar International Trade
www.piekaarinternationaltrade.com

PJH Verhuur
www.pjhverhuur.nl

Pol Hoogwerkers
www.pol-hoogveeen.nl

PortLinq
www.portpeople.nl

René Geelen Yellow Montage

Rhinox
www.rhinox-lift.com

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www.robrainingen.nl

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Sinoboom
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www.sps-nl

STOOF Service & Onderhoud Hefwerktuigen
www.stoof.nu

Ten Wolde Projectbegeleiding
www.tbouwplaatsinrichting.nl

Ton Hilderink Bouw Divisie Hilderink Advies

www.bdhadvies.nl

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www.trarescendo.nl

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www.vanasten-trainingen.nl

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Vereniging Van Steiger- Hoogwerk- En Betonbekistingsbedrijven (VSB)
www.vsbnetwerk.nl

V-Tas
www.v-tas.nl

Wouter de Boer
www.heightsafetyexpert.com

NEW ZEALAND

Accessman
www.accessman.co.nz

Total Access
www.totalaccess.co.nz

NORWAY

Alimak Group Norway
www.cramo.no

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DigiQuip
www.digiquip.com

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www.drammenlift.no

GANTIC
www.gantic.no

Instant Norge
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Loxam Norway
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OMAN

Muscat Overseas Engineering Services Co Training Department
www.muscatoverseas.com

Oman eLearning
www.omanelearning.com

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www.rapidaccess-gulf.com

PERU

Alo Group Perú
www.alogroup.pe

FAST Engenharia e Montagens
www.fastingenieria.pe

SK RENTAL
www.skrental.com/Peru

UNIMAQ
www.unimaq.com.pe

PHILIPPINES

Earthworx Development Corporation
earthworxrental.com

POLAND

CityRent
www.cityrent.pl

Cramo
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PORTUGAL

CIFESP
www.cifesp.com

Elevek by Ciclo Fapril
www.elevek.com

Jorge Lozano – Trabalhos Em Altura – Form/Serv Unipessoal
www.jorgelozano.pt

Luis Manuel Lucas Leitão Augusto

Machrent
www.machrent.pt

Manitou Portugal
www.pt.manitou.com

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Rúben Santos

Transgrua – Transportes Representações e Aluguer de Equipamentos
www.transgrua.pt

Transporel – Sociedade Unipessoal
www.transporel.pt

TRIFORMIS- FORMAÇÃO E CONSULTORIA TECNICA
www.triformistecnica.pt

Vertline
www.vertline.pt

Vitor Manuel Santos Ribeiro

QATAR

Doha Petroleum Construction Co (Rapid – Qatar)
www.rapidaccess-gulf.com

Enertech Qatar
www.enertechqatar.com

Hertz and Dayim Equipment Rental
www.hertzequip.qa

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www.manliftgroup.com

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www.QISC.net

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www.rumailahgroup.com

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ROMANIA

Mateco
www.smartrent.ro

Renault Pitești Manufacture
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RUSSIA

Alimak Group Russia
alimak.com

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www.haulotte.ru

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www.jlg.com

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www.group.renault.com

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www.tvhrus.ru

SAUDI ARABIA

Branch of Korea Rental Corporation Rental
eng.korearental.co.kr

GTE – General Trading & Equipment Co
www.gtscorp.com

Hertz Dayim Equipment Rental Co
www.hertzequip.com.sa

NEFT Energies Training Centre
www.neftenergies.com

Rapid Saudi Arabia Co
www.rapidaccess-gulf.com

Saudi Petroleum Services Polytechnic (SPSP)
www.spsp.edu.sa

Saudi Scaffolding Factory
www.saudiscaffolding.com

Standard Arabia Inspection Co Inspection Company
www.standardarabia.com

Tamkene Saudi Training Center
www.tamkene.com

SINGAPORE

Alimak Group Singapore
www.alimak.sg

Aly Energy Singapore
www.aly.com.sg

AVANZ ASIA
avanzasia.com

Aver Asia
www.averasia.com

BMS Specialist Training Training
www.bmsgroup.com.sg

BS Technology
www.bokseng-jpl.com/bst

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Global Training Services
www.globaltraining.com.sg

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JP Nelson Equipment
www.jpnelson.com.sg

Manitou Asia
www.manitou-group.com

Modern (Singapore) Access & Equipment
www.modernsg.com.sg

Mohamed Farid Bin Mohamed Ishak

MSA Safety Singapore
sg.msasafety.com

Nishio Rent All Singapore
www.nishio.com.sg

Omni Machinery
www.omni-machinery.com

Oshkosh-JLG (Singapore) Technology Equipment
www.jlg.com

Oshkosh-JLG (Singapore) Technology Equipment – Malaysia
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PM Oil & Steel Asia
www.oilsteel.com

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www.terex.com

Xin Ji Da
www.xinjida.com.sg

SLOVENIA

Civis
www.civis.si

Evrorent
www.evrorent.si

Renault Revoz
www.group.renault.com

SOUTH AFRICA

Andrew Reid

Eazi Access Rental
www.eazi.co.za

Goscor Access Solutions
www.goscorhiretech.co.za

IBAS Group
www.ibasgroup.com

Kwick Access Rentals
www.kwick.co.za

Smith Capital Equipment
www.smithcapital.co.za

Uplift Quality Solutions
www.eazi.co.za

SPAIN

3M ESPAÑA
www.3m.com.es

AHERN IBERICA
www.aherniberica.es

Alberto Piñeiro Lift
www.aplift.com

Alsetrans 2000
www.alsetrans.com

ANAPAT
www.anapat.es

AP Aerial Platforms
www.apaerial.com

AUTOESCUELA INDUSTRIAL (YXCON Ideas y proyectos)
www.autoescuelaindustrial.com

D.F OPERACIONES Y MONTAJES
www.durofelguera.com

David Zapata González

DISPLACAR SL (Grupo Cruz Araba)
www.displacar.es

ECOELEVA
www.ecoeleva.com

EIDE – Embragatgesi i Derivats
www.eide.net

ELEVACIONES ARCHIPIÉLAGO
www.elevacionesarchipiélago.com

Encofrados y Material Auxiliar SA ENCOMAT
www.encomat.com

Escuela Europea de Maquinaria
www.escuelamaquinaria.es

Europlataformas 2000
www.europlataformas.es

FEMPA
www.fempa.es

Bruno Leuenberger

GAM TRAINING APOYO Y FORMACION SL EMPRESA DE FORMACION DE GAM ESPAÑA SERVICIOS DE MAQUINARA
www.gamrentals.com

Genie Industries Ibérica
www.genielift.es

Gruas Roxu SA (PLAAS)
www.gruasroxa.com

Haulotte Ibérica
www.haulotte.com

Javier Cerezo Cavada

JOFEMESA
www.jofemesa.com

JOYSAT S.L JOY SOL-LUCIONES D'AVERIES TELESCÓPIQUES
www.joysat.eu

Kiloutou España
www.kiloutou.es

LOXAMHUNE
www.hune.com

MANITOU MANUTENCION ESPAÑA
www.manitoucenter.es

Maquinaria Industrial Santander
www.mainsapoli-gruas.com

Máquinas OPEIN
opein.com

Mateco
www.vamasatecnial.com

MAXBER (PLATAFORMAS BER)
www.maxber.com

Oil & Steel Ibérica
www.oilsteel.com

PALFINGER IBERICA MAQUINARIA
www.palfinger.es

Plataformas Daryat
www.niftylift.es

Plataformas Elevadoras JLG Ibérica
www.jlg.com

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www.maqel.es

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www.gruaslozano.com

Portalada 2006 SL (Isumma)
www.jisuma.com

Qualiconsult España
www.qualiconsult.es

Renault
www.group.renault.com

Rent Wheeler (Alpesur)
www.alpesur.com

RESA QUALITY FACTORY
gruporesa.com

Riwal Plataformas Aereas
www.riwal.com/spain/es-es

SAEclimber – Sistemas De Autoelevacion
www.saeclimber.com

Servicios Estación
www.gruasestacion.com

SOCAGE IBERICA
www.socage.it

Talleres Velilla (Movex)
www.talleresvelilla.com

TGB Group Technologies
www.tgb-group.com

Total Lifting S.L MOVICARGA
www.movicarga.com

TURBOIBER ELEVACIÓN
www.turboiber.com

Universal Plataformas Aereas

www.universalplataformas.com

SWEDEN

Alimak Group Sweden – Skellefteå
www.alimak.se

Alimak Group Sweden – Stockholm
www.alimak.se

Cramo
www.cramo.com

Cramo Services Sweden
www.cramo.com

Haulotte Scandinavia
www.haulotte.se

Infobric
www.infobric.se

Kiwa Inspecta
www.kiwa.com

Lipac Liftar
www.lipac.se

SWELIFT
www.swelift.se

SWITZERLAND

a1-ausbildung.ch
www.a1-ausbildung.ch

Accès & Elévatique
www.elevatique.ch

Alimak Group Swiss
alimak.com

ARAG Bau
www.arag-bau.ch

Avesco Rent
www.catrental.ch

AXEO SA
www.axeo.ch

Blu Wash Service SAGL Impresa Pulizie
www.piddingru.ch

Boels Rental
www.boels.ch

Bronto Skylift
www.bronto.ch

Brügger
www.brügger-hbct.ch

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Camillo Vismara
www.vismara.ch

Centre de Formation et de Développement des Travaux en Hauteur (CFTH)
www.cfth.ch

CFR – Centre De Formation Routière
www.cfr-savigny.ch

Chevalier Pierre
www.chevalierp.ch

Daniel Stutz

Driving Graubünden
www.drivinggraubunden.ch

HMT
www.hmtag.ch

Imboden Baumaschinen
www.vermietung-raron.ch

Indupro
www.indupro.ch

Jardin Suisse Unternehmerverband Gärtner Schweiz
www.jardinsuisse.ch

Jules Sauter

Kompetenzzentrum für Arbeitssicherheit
www.komp-zentrum.ch

Lenobag
www.hebeuebnehen-mieten.ch

Loxam Switzerland
www.loxam.ch

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www.mabistar.ch

Maltech
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ME Machines Elévatrices
www.memachines.ch

Michael Rohmeder
www.equippo.com

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www.mitsicherheit.ch

Moretti Maler Malerarbeiten & Arbeitsbühnen
www.moretti-maler.ch

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Access Hire Middle East
www.accesshiremiddleeast.com

Access Rental Gulf
www.accessrental-gulf.com

Action International Services
www.action-is.com

AJ Heavy Equipment Rental
www.ajrentals.com

Al Laith Scaffolding
www.alilaith.com

ASGC Construction
www.asgcgroup.com

Bureau Link Safety Management Consultancy
www.bismcglobal.com

Byrne Equipment Rental
www.bynerental.com

Chess Safety Security & Occupational Health Consultancy
www.chesssystems.com

Darren Williams
www.height.ae

Euro Gulf Safety Consultant
www.egsc.ae

Genavco Hire & Sales
www.genavco.com

Grako
www.grakonet.com

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www.instantaccess-co.com

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www.jsp.co.uk

Regiomech
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Johnson Arabia
www.jon Arabia.ae

Manlift Middle East
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Nabors Drilling International Gulf HSE Training
www.nabors.com

Oshkosh Arabia (JLG Industries)
www.jgeurope.com

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Rapid Access
www.rapidaccess-gulf.com

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www.reactonfire.com

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Sudhir Equipments Rental
www.sudhirrentals.ae

Terex Middle East

www.genielift.com
TUV NORD Lifting Division
www.tuvme.com
TVH Forklift Parts
www.tvh.com
Velosi Certification Services
www.appiusveloci.com
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www.1upaccess.co.uk
1COLD
www.1cold.com
1st Choice High Level Cleaning & Maintenance
www.highlevelcleaning.com
2 Cousins Powered Access Two Cousins Powered Access
www.2cousins.co.uk
2 Start Training
www.2start-training.com
A & L Cleaning Contractors
www.alcleaning.com
A1 Hire & Sales
www.a1hire.co.uk
Access & Lifting Services
www.accessandliftingservices.com
Access All Areas Platforms
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www.iapsgroup.com
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www.accesssafety.co.uk
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www.access-platforms.com
Access Services (Scotland)
www.scotaccess.co.uk
Access Towers Services
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Access Training East Anglia
Acorn Lighting Services
www.acornlighting.com
Acro Services T/a Acrolift
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Active Access
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Adapt (UK) Training Services
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Airborne Industrial Services
Alan Barker T/a SkillsTec
www.skillsstec.co.uk
Alan Thomas Laurie
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www.alfa-access-services.com
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Alistair Ladds
Alliance Learning
www.alliancelearning.com
Allied Mast Climbers
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ALT UK Driver Training
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Andrew George Thompson
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Antony Small
Apex Developments
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Apollo Cradles
www.apollocradles.co.uk
Armistead Engineering Services
www.armisteadengineering.com
Ashbrook (Warrington)
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ATP Access Platforms
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Aurelia
www.aureliatraining.co.uk
Autec Training
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www.brogangroup.com
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www.brontoskylift.com
Buildings 2 Clean
www.buildings2clean.co.uk
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Cahill Welding Services
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Charles Wilson Engineers
www.cwplant.co.uk
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Christopher Cain
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Claude Fenton (Plant Hire)
www.fentonplant.co.uk
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Clive Newlin
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