



*Promoting the safe and effective use of powered access worldwide*

# ANNUAL REPORT 2021

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PU-1097-0322-1-en



# Promoting the safe and effective use of powered access worldwide

[www.ipaf.org](http://www.ipaf.org)

WITH SPECIAL THANKS TO OUR SUSTAINING MEMBERS



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# Norty Turner

IPAF President

### EMERGING FROM CRISIS LEANER, KEENER AND GREENER

**As I look back over the term of my IPAF presidency, it is fair to say it has encompassed extraordinary times! Starting with the atypical circumstances of my taking over from Brad Boehler in the second half of 2019, after he left the industry, my extended period of office has seen a new CEO installed at IPAF, exhilaration of delivering record training numbers in 2019, followed almost immediately by the anguish and uncertainty of the coronavirus pandemic in the opening months of 2020, for which the ongoing reverberations and impacts are still having an impact today.**

It is a real testament to Peter Douglas, who took over as CEO & MD of the federation at the end of 2019, and all of the IPAF team – as well of course to IPAF's global membership and key partners – that we have navigated such choppy waters so successfully, to stand in these early months of 2022 in leaner, stronger and more fervent form than ever before.

In many ways, the pandemic tested our mettle and caused us to ask reflective questions about the way we work, our sustainability credentials, and our key priorities. As a result, I believe IPAF has reoriented itself positively to put people first, to prioritise value and environmental sustainability in all the work we do, and to continue to embrace new technology to deliver world-leading training, events and more effective industry collaboration. It is undoubtedly a template for success, and one on which to build for the future.

But perhaps the most impactful progression in the past two years has been the renewed focus on delivering for our members. After all, IPAF is a membership organisation, and as such is nothing without its members. Our members set the direction and tone of everything we do, and I am so pleased to be able to say that, despite the extraordinarily challenging past couple of years, IPAF has listened to its members and delivered on so much of what they have asked of us.

IPAF has been able to deliver on key priorities such as developing the ePAL mobile app for operators, driving more accident and

near-miss logging via the global incident reporting portal and offering vital analysis of the data.

We have also been able to bring forth constructive insights gathered in the form of the Global Safety Report and have provided valuable intelligence through the Global Powered Access Rental Market Reports. These documents have delivered important guidance on maintaining compliance with new and updated standards and legislation and have continued to increase the range and breadth of IPAF's globally recognised training programs – all against the backdrop of uncertainty and upheaval of the pandemic.

**“ Our members set the direction and tone of everything we do, and I am so pleased to be able to say that, despite the extraordinarily challenging past couple of years, IPAF has listened to its members and delivered on so much of what they have asked of us. ”**

In addition, IPAF has continued to innovate to deliver more for its members, serving up digital webinars, eNewsletters, press and media content online and in print, and virtual and in-person events. We have driven significant expansion of training support to the MCWP and construction hoist sector, have supported vital in-work training through the IPAF Roadmap and have increased the overall powered access safety training offering.

IPAF's renewed emphasis on member support and services has brought an enhanced package of benefits, helping attract new as

well as retain existing members, which in turn saw us pass the landmark figure of 1,500 members worldwide in advance of our target. The findings from the most recent IPAF membership survey have accordingly been quite positive, though it is also a testament to Peter and the team that they are continuously pushing forward by focusing on areas identified in the survey where there is room for improvement.

It is fair to say that as I review the past two-and-a-half years, the highs vastly outnumber the lows, which in itself is a remarkable statement to be able to make. I am thankful for the opportunity to have been able to serve as IPAF's president, as it has been both an honour and a privilege, and I am more encouraged than ever for the success of the Federation as it looks to a brighter future for all of us. Thank you very much.





## CEO'S REPORT

# Peter Douglas

## IPAF CEO & Managing Director

### PUTTING PEOPLE FIRST TO ACHIEVE OUR GOALS

**If 2020 was one of the most challenging in IPAF's history, it is testament to everyone involved with the federation that 2021 was hugely productive on so many fronts. We have also learned some important lessons during testing times that will undoubtedly stand the organisation in good stead for the future.**

Despite the gruelling uncertainties of the global economic picture, IPAF remained focused and concerted in efforts to support the wider powered access industry, progress key industry objectives and to continue to bolster our team and our membership base as the world looks to right itself again. In terms of new appointments, we welcomed Martin Wraith to a new post as IPAF Rental+ Manager, and also added Mike Ashton, a Queensland, Australia-based training, safety and technical expert, to our Safety & Training team.

Perhaps most importantly, the pandemic has shown us the importance of one key asset of the organisation – our people. From our dedicated team of staff, country and regional reps to our worldwide federation of member companies and their extraordinary teams, our people are what make IPAF such a fabulous association to be a part of.

Towards the end of 2021 we saw a cautious return to in-person events, especially in the UK, with Vertikal Days and IPAF Elevation 2021, and in Germany at A+A and Italy's GIS. It was great to get back together at physical events, and really reminded us of what we have all been missing since the pandemic struck in early 2020. Our virtual events programme was no less crowded, however, with the IPAF Summit & IAPAs held remotely as an online conference in April, and a full programme of industry webinars proving especially popular.

Of course, the financial good health of the organisation has been key, and at the beginning of 2021 IPAF was in a reasonable position, having weathered the pandemic well, enabling us to continue to support our members and the wider industry. We provided a discount on member renewal fees and worked hard to bolster training numbers. With the introduction of new member benefits, a concerted marketing campaign, and the addition of the new IPAF Safety Professional category,

I'm pleased to say we significantly increased membership across 2021, exceeding our year-end target of 1,500 members before the end of December.

Furthermore, we managed to exceed 2019 in terms of record amounts of IPAF training delivered, even more remarkable when you consider the effects of the pandemic and the relatively slow start to the year. These positive trends led to a strong recovery in revenue, which in turn means IPAF has been able to deliver on key objectives and give something extra back to our members by way of rebates on fees and the cost of training administration.

In terms of progress against our objectives, we launched the ePAL digital app for operators of powered access, allowing training certification and the IPAF PAL Card to be generated in digital format for the first time. This has cut processing times, reduced our carbon footprint, and provides additional benefits to operators – not least being able to log equipment time digitally, receive technical and safety updates directly from IPAF, and enabling real-time logging of incidents and near misses direct from mobile devices to the IPAF reporting portal.

As in 2020, IPAF published the IPAF Global MEWP Safety Report, and continued to expand its worldwide training offer – introducing a new

Site Assessment Course and a host of new options to renew IPAF operator training using both eLearning modules and virtual reality (VR) simulators, while rolling out our improved Load and Unload course in new languages. The IPAF Roadmap to qualified MEWP technician or engineer status also came to fruition, with successive fully subscribed cohorts of apprentices inducted on to the new Trailblazer pathway in the UK; work continues to sustain this success and to replicate the roadmap in territories outside of the UK.

If 2020 has taught us nothing else, it is that life in powered access never stands still. We must be ready to rise to meet any challenges the future holds, turning each into an opportunity to work safer, smarter, and more sustainably. If we continue to put people first, we will continue to overcome adversity.

**“ Perhaps most importantly, the pandemic has shown us the importance of one key asset of the organisation – our people. From our dedicated team of staff, country and regional reps to our worldwide federation of member companies and their extraordinary teams. ”**



**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 and in 2021 IPAF membership surpassed 1,500.

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 were held remotely, owing to the coronavirus pandemic.

## ALL AT END 2021

### COUNCIL MEMBERS

- Arne Dirckinck-Holmfeld  
PB Liftechnik
- 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  
Jim Waldron, Skyjack
- MCWP Committee  
Kevin O'Shea, Hydro Mobile
- IPAF Training Committee  
Tony Warren, Sunbelt Rentals
- IPAF Rental+ Committee  
Steven Gerrard, Speedy Powered Access
- CAP Committee  
Chris Banks, Independent CAP Assessor
- International Safety Committee  
Mark Keily, Sunbelt Rentals UK

### COUNTRY & REGIONAL COUNCIL CHAIRS

- Brazilian Country Council  
Celio Gonçalves, Aura Brasil Máquinas e Equipamentos
- Hong Kong Council  
Tony Small, Gammon Construction
- Irish Council  
David Meeke, Balloo Hire Centres
- Italian Country Council  
Paolo Pianigiani, IMER
- Singapore Country Council  
Shawn Ong, Galmon
- Spanish Country Council  
Ivan Morodo, Haulotte Ibérica
- Middle East Regional Council  
Peter Ellis, Halo 4 Safety
- UK Country Council  
Brian Stead, Nationwide Platforms
- North American Regional Council  
Bal Guerrero, United Rentals

### PRESIDENTIAL TEAM AND BOARD MEMBERS

- President  
Norty Turner, United Rentals
- Deputy President  
Karin Nars, Dinolift
- Vice President  
Karel Huijser, JLG
- Immediate Past President  
Nick Selley, AFI-Uplift
- CEO & Managing Director  
Peter Douglas, IPAF
- Director  
Jacco de Kluijver Genie/Terex
- Director  
Ben Hirst, Horizon Platforms
- Director  
Julie Houston-Smyth, LOLEX
- Director  
Kai Schliephake, Partnerlift
- Director  
Pedro Torres, Riwal

### 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 Godenhjelm 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
- Nick Selley 2017 - 2019
- Brad Boehler 2019



## **IPAF COUNTRY AND REGIONAL COUNCILS**

The **Brazil Country Council** held two virtual meetings and one in-person meeting during 2021. In February the council created an online PDS after ElevAÇÃO was postponed; this was used to announce to Brazilian training centres that IPAF PAL Card validity was cut from five to two years, to comply with state regulations regarding the certification of training.

In May there was a virtual meeting of the council, to mainly discuss the postponed ElevAÇÃO event, held on 14 July via Zoom. Then, in November, the council met face to face for the first time during the pandemic, to discuss such topics as the introduction of the ePAL app in Brazil and IPAF ElevAÇÃO 2022, to be held 6-7 April 2022.

**Contact: portugues@ipaf.org**

The **Hong Kong Regional Council** helped plan a series of dedicated topic-specific webinars to be delivered in 2022, to increase engagement with regional safety professionals through local safety associations, after six cases of MEWP-related accidents were recorded in Hong Kong during 2021.

**Contact: sea@ipaf.org**

The **Irish Council** held two meetings in 2021, both virtual, in April and October. Peter O'Riordan stepped down as chair in September and was subsequently replaced by David Meeke of Balloo Hire at the October meeting. Under his stewardship, the council resolved to further promote CAP in Ireland, which is particularly fitting as David is the only IPAF certified CAP assessor on the island of Ireland. The roll-out of the ePAL mobile app for MEWP and MCWP operators was also considered.

**Contact: info@ipaf.org**

The **Italy Country Council** met physically at the beginning of November 2021 for the first time since the pandemic struck. Following two years of digital meetings, a joint physical meeting was organised at IMER between the Italian Country Council and its Training Work Group to identify the main topics to be discussed at the next PDS in January 2022, as well as those to be dealt with in the Italian magazine IPAF Informa and the topics of upcoming conferences and seminars to be organised in Italy during 2022.

**Contact: italia@ipaf.org**

The **Middle East Regional Council** continues to champion IPAF's activities across the region and was pleased to note the best year ever for IPAF PAL Cards, which exceeded more than 10,000 for the first time. The council also resolved to facilitate the roll-out of IPAF PAL+ advanced operator training in the Middle East in 2022, to continue to support industry and allowing workers to gain greater knowledge to complete challenging work at height tasks. In terms of IPAF training numbers, the UAE still leads though Saudi Arabia is growing at some pace thanks to increasing demand; Oman and Bahrain are also showing sustained growth.

**Contact: jason.woods@ipaf.org**



The **North American Regional Council** met seven times during 2021, including the first in-person gathering for 18 months. The committee met during the SAIA Annual convention to solidify the two associations' collaboration in promoting powered access safety; SAIA members are now able to offer IPAF training. IPAF North American became an OSHA Safe + Sound program partner. IPAF offered several webinars to raise awareness and support MEWP users meeting their responsibilities defined in the new ANSI A92 Safe use standard, reaching over 1,000 participants in the region. There will be a focus on both individual services and growth in 2022.

**Contact: usa@ipaf.org**

The **Singapore Country Council** continued to collaborate despite the pandemic and determined to maintain engagement with industry on powered access safety, via free-to-view topical webinars and by logging industry alerts and updates, particularly with regards to MEWP accidents. A Malaysia Workgroup was also established to work with local authorities and associations, and to promote MEWP and MCWP safety campaigns, Toolbox Talks and Andy Access posters in 2022.

**Contact: sea@ipaf.org**

The **Spain Country Council** met four times in 2021, with the final meeting of the year in December, at which there was a vote to renew 50% of the council, with new chair and vice-chair positions to be decided in the first meeting of 2022. Activities in Spain included showcasing IPAF training on a VR simulator, including twice at the Asturias Institute of Occupational Health & Safety and also at a technical college in Bizkaia.

**Contact: espana@ipaf.org**

In 2021, the **UK Country Council** held two virtual meetings and one hybrid meeting at North Warwickshire and South Leicestershire College, allowing attending members to visit the first site delivering the new lift truck and powered access apprenticeship, which the council deems a major success for the UK industry. Four new members were elected to the council: John Chandler, James Darnley, Alana Paterson and Steve Williams. Delivery of a new Site Assessment (For Correct MEWP Selection) course was identified as a priority, and IPAF's training department developed and launched one inside just six months. Progress was noted on other priorities, including the ongoing development of the IPAF Rental+ standard, incident reporting, and delivery of a UK market sizing analysis, which was launched during IPAF Elevation in November.

**Contact: info@ipaf.org**

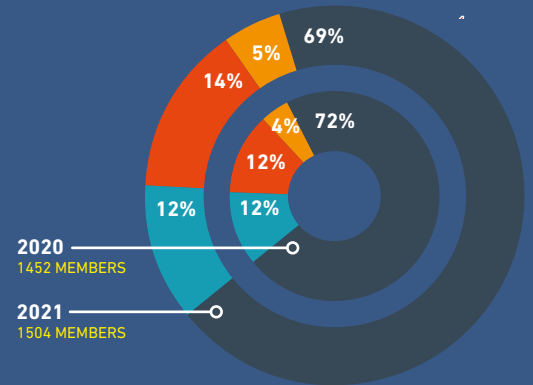


- Algeria
- Argentina
- Australia
- Austria
- Bahrain
- Belarus
- Belgium
- Brazil
- Bulgaria
- Canada
- Chile
- China
- Colombia
- Cyprus
- Czech Republic
- Denmark
- Ecuador
- Estonia
- Finland
- France
- Georgia
- Germany
- Guatemala
- Hong Kong SAR
- Hungary
- India
- Indonesia
- Iran
- Iraq
- Ireland
- Isle of Man
- Italy
- Japan
- Kazakhstan
- Kenya
- Korea, South
- Kuwait
- Latvia
- Liechtenstein
- Lithuania
- Malaysia
- Mexico
- Morocco
- Mozambique
- Myanmar
- Netherlands
- New Zealand
- Norway
- Oman
- Pakistan
- Peru
- Philippines
- Poland
- Portugal
- Qatar
- Romania
- Russia
- Saudi Arabia
- Singapore
- Slovenia
- South Africa
- Spain
- Sweden
- Switzerland
- Taiwan
- Thailand
- Trinidad and Tobago
- Turkey
- United Arab Emirates
- United Kingdom
- United States
- Uruguay
- Vietnam
- Zambia



**1504** MEMBERS

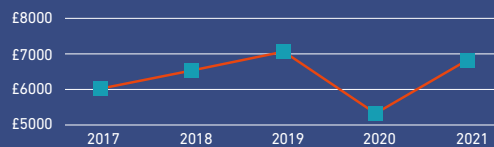
**74** TERRITORIES



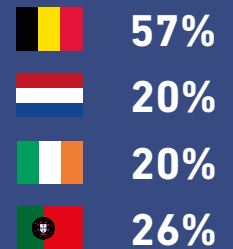
**30%** OF MEMBERS HAVE BEEN WITH IPAF **10** YEARS+

**HIGHEST EVER LEVEL OF MEMBERSHIP:**  
**1504** MEMBERS AT THE END OF **2021**

### INCOME GROWTH THE PAST 5 YEARS



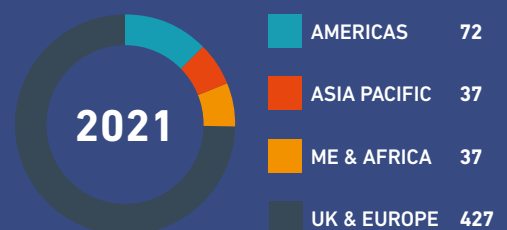
### REVENUE: TOP GROWTH



### NEW 2021 TERRITORIES



### IPAF TRAINING CENTRES





## EUROPE

- The Health & Safety Event, Vertikal Days and IPAF Elevation in the UK; SMOPYC in Spain; Platformers' Days and A+A in Germany; GIS in Italy and IPAF Elevation Switzerland marked a return to in-person events.
- Professional Development Seminar (PDS) events for IPAF Training Centre instructors and staff were all held virtually, and took place in Germany, Italy, Switzerland, the UK, the Benelux and Nordic regions.

- The ePAL Mobile app launched in the UK & Ireland in June, rolling out to other territories thereafter. The UK saw the first intakes to a new Lift, Truck and Powered Access Apprenticeship, part of IPAF's Roadmap.

The year began with many countries in Europe under some form of pandemic-related restriction or eased lockdown, but from Q2 onwards countries restrictions with economic activity and powered access rental markets rebounding accordingly.

IPAF's Global Powered Access Rental Market Report 2021 found many markets in Europe were expected to have recovered to pre-pandemic levels by the end of 2021 or early 2022, though final-quarter returns to restrictions and partial lockdowns in some countries combined with rising operating costs caused by increasing energy prices and supply chain issues to dampen optimism somewhat. IPAF trained around 120,000 people in the UK, a return to pre-pandemic levels, across the rest of Europe IPAF trained 37,828 candidates.

## AMERICAS

- IPAF offered seven webinars to raise awareness and support MEWP users meeting their responsibilities defined in updated US safe use standards, reaching more than 1,000 people.
- In Latin America, IPAF hosted virtual IPAF ELEVANDO in Mexico and IPAF ElevAÇÃO in Brazil, both incorporating PDS events for training centre staff and instructors, with more than 500 participants between them. International webinars were held for

Spanish-speaking countries with more than 200 viewers to date.

- A virtual North American PDS was successfully delivered, and IPAF took part in OSHA's Safe + Sound week.

In the US, IPAF successfully trialled a new 100% remote MEWP instructor training course. Meanwhile, it was an amazing year for IPAF in Latin America, achieving positive numbers in training and new training centres, the industry looked to be overcoming the pandemic

and adapting to new ways of working. Major players adopted the PAL Card in many countries, including TERNIUM, the largest iron and steel manufacturer in Latin America. IPAF's MEWP for Managers and Load and Unload course launching in Spanish complement the growing training footprint in the region. Guatemala joined IPAF's mission with training centre member CMS Industrias, aiming to reach MEWP operators across a country that is elevating its standards of training.

## MIDDLE EAST & AFRICA

- IPAF hosted multiple online workshops aimed at specific topics of interest, from accident investigation to supporting engineers and inspectors in carrying out six or 12-monthly inspections, in partnership with major equipment manufacturers.
- The IPAF Middle East PDS was held as an online event, with a virtual programme of modules each worth one CPD point and concluding with a round-table discussion in December.

- HSSE Global in Saudi Arabia and Access & Handling Summit in Dubai, UAE, marked a return to physical events for IPAF in the region.

A productive year in the Middle East, as delayed or postponed construction projects and events geared up as the pandemic eased. IPAF was proactive in offering a comprehensive range of virtual PDS modules and specialist technical workshops. The final months of the year saw a return to in-person events. The region saw its best

year ever for IPAF PAL Cards, issuing more than 10,000, with IPAF Training Centres continuing to meet demand for qualified operators and supervisors. Regarding IPAF training, the UAE still leads the Middle East with Saudi Arabia growing at pace. Oman and Bahrain are also gaining ground in terms of training delivered. The IPAF Global Powered Access Rental Market Report included a regional focus on the Middle East in 2021. The region is bouncing back well from the pandemic, with positive outlooks across the board.

## ASIA PACIFIC

- OS+H Asia 2021, Work Safe Asia Exhibition and World Engineers Summit in Singapore: the K-Safety Expo and CONEX KOREA 2021 shows; APEX ASIA 2021 in Shanghai, China; and OSH India in Mumbai all marked a return to in-person events in the region.
- IPAF won in the WSH Asia Awards 2021: IPAF MEWP's new Operator Proficiency Verification Course was recognised as a New & Innovative Solution; IPAF's ePAL App and PAL+ MEWP training on

Serious Labs VR simulators both won in the Technology category.

- Virtual events included IPAF and the Singapore Institution of Safety Officers (SISO) hosting a joint MEWP safety webinar; a specialist webinar for participants in Hong Kong; and a PDS for IPAF training instructors.

China's MEWP Rental market returned to pre-pandemic levels by the end of 2020, according to IPAF's Global Powered Access Rental Market Report. In Singapore,

IPAF saw a gradual return to in-person events across Asia as 2021 wore on, while continuing to host webinars, workshops and virtual meetings, including a PDS for IPAF training instructors and staff. IPAF continued building closer links with Elevating Work Platform Association (EWPA) of Australia as James Oxenham, CEO of the EWPA, joined the IPAF International Safety Committee. Mike Ashton, IPAF's new International Safety & Technical Advisor, is based in Queensland, Australia.



## RECORD TRAINING NUMBERS LEAD TO A HEALTHY TRADING SURPLUS

With 2021 beginning amid renewed global lockdowns owing to the pandemic, there was uncertainty about how the year would go. IPAF took a cautious approach to spending in the first quarter to ensure there was minimal impact on cash reserves. From Q2 onwards, the demand for training grew and continued to remain strong for the rest of the year. The number of training certifications issued hit a record of 176,282 – a 31.2% increase on 2020 and a 0.2% increase on 2019, IPAF's previous best. In the dominant UK market, 31,298 more people completed an IPAF training course than did so in 2020.

IPAF's turnover in 2021 increased by £1.5 million (28.2%) to £6.8m (approximately €7.91m or US\$9.35m) compared with 2020. The increase of training income contributed more than 80% to the total income and saw an increase of 31.8% on 2020. Cancellation of events because of the ongoing pandemic had an adverse impact on income, but with a continued cautious approach to spending, savings associated with cancelled events combined with increased revenue in other areas to contribute to an overall year-end surplus of £476,053.

Membership numbers finished at a record high after a particularly strong end to the year. Despite a difficult start to the year that saw a net decrease in IPAF membership, over the year as a whole a total of 186 new members offset by 134 lost members resulted in a net gain of 52 members. The year ended with a total of 1,504 members, which was an increase of 3.6% over the year-end figure of 1,452 in 2020. Within the year, the IPAF footprint extended

to three new countries – Pakistan, Trinidad and Tobago and Guatemala. Membership in Europe (including UK and Ireland) increased by 3.5% versus 3.8% growth in membership outside Europe. Membership from outside Europe has remained stable as a proportion of the total at just under one third (31%).

The number of new Training Centres joining IPAF increased from 37 in 2020 to 42 in 2021, leading to a total of 573 IPAF Training Centres across 53 territories, an increase of 2% on 2020. IPAF-accredited programmes continue to generate significant business for members that offer training courses and contributed in excess of 80% to the overall turnover of IPAF in 2021.

The number of people undertaking IPAF training increased by 41,875 during 2021, with 176,282 people successfully completing a course, an increase of 31.2% on 2020 (134,407) and an increase of 0.2% (296) on 2019, which was the previous best performing

year for training. In 2021, the ePAL mobile app for operators of powered access was launched, giving operators the option to receive their licence in a digital format rather than a traditional plastic card. In 2021 there were a total of 51,129 digital licences issued, which was 29% of the total, though the roll-out of the ePAL app in all countries had not been completed by the end of the year.

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 Chartered Accountants and are presented at the Annual General Meeting for approval.



**Income Split:**

Training income is in excess of 80% of the total turnover for the year, with membership and safety guides combined making up 14%.

**Turnover**

Income in the primary market of the UK grew from 57% of the total in 2020 to 60% in 2021.

**PAL Cards**

The number of people undertaking IPAF training increased by 41,875 during 2021, with 176,282 people successfully completing a course, an increase of 31.2% on 2020 (134,407) and an increase of 0.2% (296) on 2019.

**Membership**





Overall membership increased by 3.6 % from 1,452 to 1,504 in 2021, and extended IPAF's footprint into 3 new countries - Pakistan, Trinidad and Tobago and Guatemala

**GROWTH IN MEMBERSHIP:**

<b>BENELUX</b>	<b>+ 24%</b>
<b>IRELAND</b>	<b>+ 17%</b>
<b>GCC*</b>	<b>+ 16%</b>
<b>LATIN AMERICA</b>	<b>+ 9%</b>
<b>OVERALL</b>	<b>+ 3.6%</b>

\*Gulf Co-operation Council: Bahrain, Kuwait, Oman, Qatar, Saudi Arabia and UAE

**GROWTH IN TRAINING:**

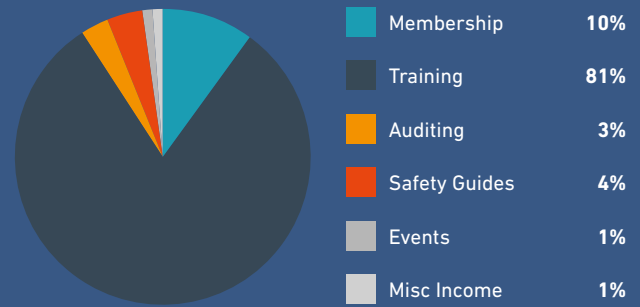
 <b>INDIA</b>	<b>+ 485%</b>
 <b>FRANCE</b>	<b>+ 136%</b>
 <b>SPAIN</b>	<b>+ 59%</b>
 <b>OVERALL</b>	<b>+ 31.2%</b>

**OVERALL BUSINESS GROWTH:**

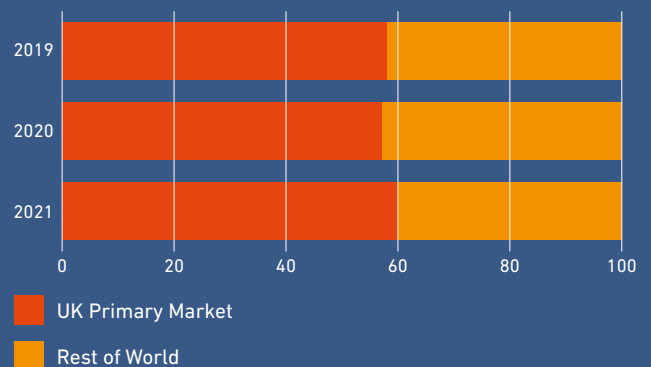
<b>INCREASE IN TURNOVER</b>	<b>+ 28.2%</b>
<b>INCREASE IN TRADING SURPLUS</b>	<b>+ 42.6%</b>
<b>PEOPLE SUCCESSFULLY COMPLETED AN IPAF COURSE</b>	<b>176,282</b>

“ IPAF-accredited training generated significant business for members who offer training courses, and contributed in excess of 80% to the overall turnover of IPAF in 2021 ”

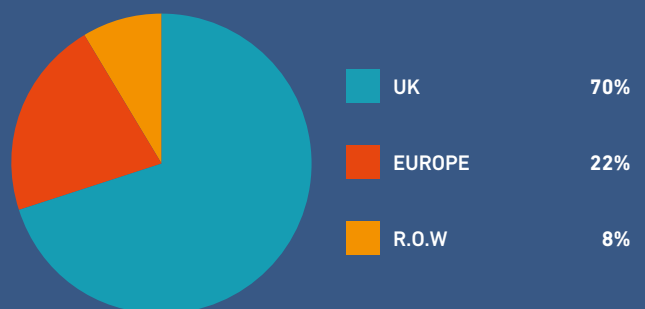
**INCOME SPLIT**



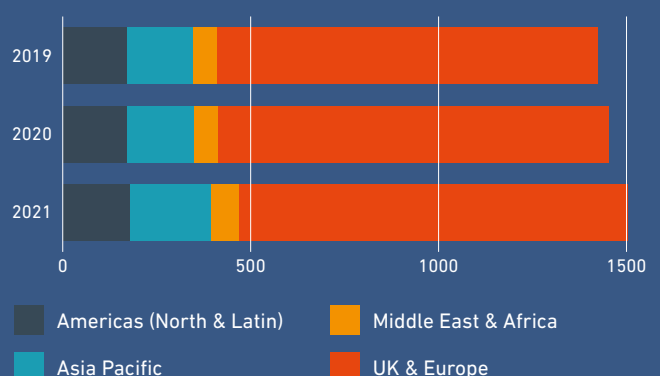
**TRENDED INCOME (LAST 3 YEARS - UK V R.O.W.)**



**TRAINING BY MARKET**



**MEMBERSHIP BY MARKET**







## SAIA SIGNS AGREEMENT TO PROMOTE INDUSTRY SAFETY

The Scaffold & Access Industry Association (SAIA) signs an agreement with IPAF to promote safety and training in powered access across the US, Canada and Mexico. As part of the agreement, the SAIA recognises the IPAF PAL Card as proof of appropriate operator training, meaning SAIA-accredited training institutes (ATIs) will offer IPAF's globally recognised training. A delegation of SAIA representatives later undertakes in-person IPAF training, pictured. Tony Groat, IPAF North America Manager, says: "This agreement cements the commitment of both associations to leverage their collective effort and expertise for the benefit of their members and the wider industry."

In the UK in January, IPAF reminds members that powered access operations are a vital part of supply chains and companies

should continue to operate during lockdown. Peter Douglas, CEO & MD of IPAF, says: "Last year, IPAF successfully lobbied the UK Government, HSE and Build UK to secure assurances that our members provide a vital means of safe work at height on construction sites and in maintenance, logistics and processing tasks; operatives are exempt from stay-at-home advice."

IPAF presents a webinar showcasing its updated Safe Loading & Unloading Course, which has been comprehensively overhauled after analysis of data gathered via the IPAF accident reporting portal showed that a disproportionately high number of injuries and fatalities were occurring during the loading and unloading process. The course has been revamped to address known hazards and suggest ways to prevent accidents.



## EPAL WILL BE 'GAME-CHANGER' FOR CONSTRUCTION SAFETY

IPAF announces it is developing a new digital app for users of MEWP and MCWP equipment, described as a "game-changer" for work site safety and efficiency. IPAF's ePAL is slated for launch in mid-2021 and will be free to download for use on Android or Apple IOS devices. It will feature a digital IPAF PAL Card, operator logbook and operator safety guides and allow operators to receive IPAF safety guidance. The ePAL app will also boost sustainability, reducing the use of plastic, paper and shipping required in issuing PAL Cards and other training certification worldwide. Peter Douglas, IPAF CEO, pictured, says: "Developing an operator app has been a key priority for IPAF since I took up post in 2019. We're excited to team up with IPAF member Trackunit to deliver

ePAL – it will bring benefits for operators and IPAF training centres alike, allowing us to streamline and digitise processes." Søren Brogaard, CEO of Trackunit, the Denmark-based telematics specialist, adds: "This will be a real game-changer for the industry."

IPAF's Informa 2021 magazine is published in Italian, for distribution to readers in Italy and Switzerland.





## WINNERS CELEBRATED IN FIRST DIGITAL SUMMIT AND IAPAS

More than 900 industry professionals from 67 different countries join the first ever digital edition of the International Awards for Powered Access (IAPAs), with prize-winners announced throughout the IPAF Summit, originally planned for London in April 2020, but postponed and then moved online owing to the ongoing Coronavirus pandemic. The 2020-21 winners include: Kompetenzzentrum für Arbeitssicherheit, Switzerland, pictured, named as IPAF Training Centre of the Year, and Guillaume Thorel, from Loxam Group (PAD) winning the Access Photo of the Year with this entry, pictured. Roger Wickens, who died in 2019, is posthumously honoured with a Lifetime Achievement Award for

his sterling service to the industry across almost 40 years. The IPAF Summit hears how embracing sustainability, digitisation and new technology are all key to building back after the pandemic from speakers including Suzannah Nichol, CEO of Build UK.

IPAF launches a course on how to perform a site assessment and select the correct MEWP for the job. It can be completed at an IPAF training centre or via eLearning.



## FIRST MEWP TECHNICIAN APPRENTICES RECOGNISED

The first wave of apprentices on a new route to certifying specialist MEWP technicians are celebrated as they embark on their studies at North Warwickshire & South Leicestershire College. The Level 3 Lift Truck and Powered Access Technician apprenticeship is part of IPAF's Roadmap to Qualified MEWP Technician/Engineer Status. The intake of apprentices received a special welcome on their first day, as Richard Whiting, IPAF UK & Ireland Market General Manager, joined Peter Douglas, IPAF CEO & MD, and college officials to recognise their role as the first entrants to the three-year course, pictured.

MCWPs and construction hoists. IPAF adapted the course in response to demand for a recognised programme to certify individuals as having the skills to inspect and examine equipment as per the requirements of safe-use standards.

IPAF's Powered Access magazine for readers in the UK and Ireland is published with the Chartered Institute of Building (CIOB) Construction Manager magazine title.



MARCH

APRIL

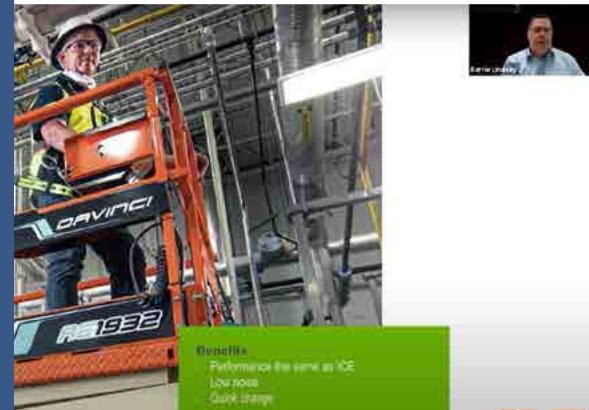


## REPORTING PORTAL ADDS EXTRA LANGUAGES AND MEMBER DASHBOARD

IPAF makes its worldwide accident reporting portal available in multiple languages and adds a new interactive dashboard to allow members limited access to the latest available anonymised accident data, to assist in setting their own company's safety strategy. In 2020, IPAF revamped the portal [www.ipafaccidentreporting.org](http://www.ipafaccidentreporting.org) to make it easier to report an accident or near miss – near-miss information being particularly useful in preventing more serious accidents. The new portal works on multiple devices, allows multiple users per company, and has a feature for users to register subsidiary companies. It is now available in all main IPAF languages – Dutch, English, French, German, Italian, Korean, Portuguese, Spanish and simplified Chinese – to maximise convenience for users.

On 20 May, members of the powered access industry are invited to join a free online seminar to explore issues around the challenges and

opportunities of environmental sustainability in sector including information about how stakeholders can make a positive change. The latest in IPAF's series of free webinars expands on one of the core objectives of the federation's three-year plan, which includes a firm commitment to reducing the organisation's own carbon footprint. In the context of the coronavirus pandemic, the webinar also aims to assist those keen to accelerate their own plans to boost sustainability, including by adopting new technology, digitisation and online activities. IPAF and guest speakers including Andy Wright, CEO of Sunbelt Rentals; Berenger Dudek, Health, Safety and Environmental Manager at Haulotte; and Barrie Lindsay, pictured, Director of Engineering at JLG share their perspectives on how to make a difference in the face of climate change.



## SAFETY REPORT HIGHLIGHTS NEED FOR NEAR-MISS DATA

The IPAF Global Safety Report 2021, based on incidents logged in IPAF's Accident Reporting Portal ([www.ipafaccidentreporting.org](http://www.ipafaccidentreporting.org)), highlights the need to gather more near-miss data from across the industry worldwide to help avoid serious accidents. Electrocutions increased slightly to become the joint most common cause along with falls from the platform. Over the whole five-year period 2016-2020 analysed, the most common causes of fatal incidents were falls from the platform and electrocutions, both accounting for 23% of deaths, followed by entrapments (19%), MEWP overturns/ tip-overs (12%), MEWPs being struck by another machine or vehicle (6%) or hit by falling object(s) (5%).

The IPAF-Journal 2021 German-language magazine is published, with a print run of 40,000. The

content provides extensive information on all safety aspects and new developments in the powered access industry.

The family of Roger Wickens, posthumous recipient of the 2021 Lifetime Achievement International Award for Powered Access (IAPA), is presented with a commemorative trophy following the virtual IAPAs ceremony earlier in the year. Anne Wickens received the award from IPAF CEO Peter Douglas, pictured.



MAY

JUNE



## IPAF CALLS FOR MEMBERS TO JOIN NEW SAFETY COMMITTEE

IPAF invites members to join a new International Safety Committee, created to assist in globalising standards development and implementation and promote awareness about industry safe practice. The committee is born out of the existing IPAF Accident Work Group of the IPAF UK Country Council, which has been instrumental in compiling and analysing data gathered via IPAF's Accident Reporting Portal, leading to the annual IPAF Global Safety Report. The current members of the Accident Work Group constitute the core of the new committee, with chair Mark Keily, pictured, of Sunbelt Rentals UK set to take the reins for the first meeting in September.

Katarina Jacobson, pictured, of Riwal Sweden becomes the country's first IPAF Senior Instructor, meaning she is able to train and certify other IPAF Instructors, opening the door for new IPAF training centres in Sweden to meet booming demand.

A new IPAF Toolbox Talk and accompanying Andy Access poster concerning Travelling in a MEWP as an Occupant are published.



## ROLE CREATED TO DEVELOP IPAF RENTAL+ STANDARD

IPAF announces Martin Wraith, pictured, has been recruited to a new role to oversee the development, implementation, and ongoing audit of the IPAF Rental+ standard for hire members. IPAF Rental+ is the standard for quality and safety in the MEWP rental industry. Martin is well known in the powered access industry in the UK, having served as an IPAF Auditor for a number of years and also being a qualified IPAF senior instructor. He has helped to develop and implement training and hosted IPAF safety and training webinars and deliver IPAF professional development seminars (PDS) in the UK and overseas.

IPAF signs a certification equivalency agreement with the Stichting Samenwerken voor

Veiligheid (SSVV) or Foundation for Safety Cooperation, which means IPAF's PAL Card for MEWP operators will be recognised as part of access requirements to work at petrochemicals sites and installations in the Netherlands. With effect from 1 August 2021, all holders of a valid IPAF PAL Card with categories 1B, 3A and/or 3B will no longer be required to also take the SSVV Opleidingen Gids Working with Aerial Platforms exam.

IPAF's Elevating Safety magazine, aimed at readers in North America, is published.



JULY

AUGUST



SEPTEMBER

## IPAF TAKES ACCIDENT SAFETY TRAIL TO VERTIKAL DAYS 2021

A safety trail demonstrating common types of accidents involving MEWPs, as identified by the latest analysis of data gathered in IPAF's incident reporting project, is the theme of the IPAF stand at Vertikal Days 2021 at the East of England Showground, Peterborough, UK, 22-23 September, pictured. Brian Parker, IPAF's Head of Safety & Technical, says: "Our safety stations walk visitors through site assessments, planning tasks and operational observations to guard against common risks and to help reduce accidents." IPAF debuts a new type of membership with the launch of its Safety Professional category, aimed at those in health & safety or similar roles in both powered access and wider end-use sectors. The newly created IPAF International Safety Committee is also convened for the first time during the event, pictured.

The ePAL mobile app for operators of powered access that brings

training certification into the digital era and reduces the environmental impact of issuing IPAF PAL Cards is rolled out in 26 additional territories, following its launch in the UK and Ireland back in June. Further countries are set to be added in November 2021 and early 2022.

New ways to renew and extend MEWP operator training are made available by IPAF, giving operators renewing their PAL Card and training certification or taking their advanced operator PAL+ training further options to use virtual reality simulators (VR sims) and eLearning. IPAF Training Centres can offer renewal practical modules in addition to the existing PAL+ Advanced Course using a VR sim. Using VR sims means training is less likely to be disrupted by poor weather, increasing the range of locations where it can be delivered.



## IPAF REPORTS SHOW RENTAL PANDEMIC RECOVERY STRONGER THAN PREDICTED

MEWP rental markets have recovered better than predicted in 2020, with most on course to recover to 2019 levels by the end of 2021 or early 2022, according to the latest analysis conducted for IPAF by Ducker. Overall, most MEWP rental markets in Europe, the US and the Middle East recovered more quickly than forecasted in the 2020 report, though fears of new waves of Covid-19, new restrictions in some European countries tempered optimism towards the end of 2021. IPAF hosts a free webinar to mark the publication of the Global Powered Access Rental Market Report 2021.

IPAF operator training arrives in Lithuania, as Verslo Aljansas begins offering courses in Russian and English, pictured.

IPAF CEO Peter Douglas joins IPAF's Italia team at Giornate Italiane del Sollevamento (GIS) in Piacenza, Italy.

Meanwhile, the IPAF Global Safety Report 2021 and an overview of IPAF's MEWPs for Managers training course are showcased on the IPAF stand at the A+A Trade Fair & Congress in Düsseldorf, Germany, pictured.

IPAF offers a free webinar aimed at MEWP users in Hong Kong, with presentations from IPAF's Raymond Wat and speakers from the industry including Tony Small, Director of Gammon Construction and Chair of the IPAF Hong Kong Council, and Ed Wu, Product Manager at Shing Fung Engineering & Equipment.



OCTOBER



## IPAF ELEVATION HEARS ABOUT SUSTAINABLE SUPPLY CHAINS

Attendees at the IPAF Elevation 2021 UK event, at Whittlebury Park Hotel hear from speakers including Martin Hall of Morgan Sindall Construction, pictured, Dr James Cadman from The Supply Chain School, Scott McCall, Net Zero Specialist at Snorkel, and JCB's Joe Hilton. Comedian Ted Robbins provides after-dinner entertainment, with £3,600 raised for the No Falls Foundation.

Judges for the IAPAs 2022 are announced as: Nico Krekeler, chairman at Ruthmann Italia; Michel Petitjean, secretary general of the European Rental Association; Andy Studdert, past president of IPAF; Jonathan Till, owner of GTAccess; and Paolo Pianigiani of IMER Group. Euan Youdale, editor of Access International, is the non-voting chair.

HMRC issues guidance about the end to tax relief on red diesel for construction plant machinery in the UK from 1 April 2022.

Mike Ashton, pictured, takes up post as IPAF's new International Safety & Technical Advisor, bringing expertise from more than 25 years in safety, engineering and training roles in the UK, Middle East and Australia.

The latest IPAF Toolbox Talk and Andy Access poster release explains about using a spotter or banksman.



## YEAR-END SURGE SEES GLOBAL IPAF MEMBERSHIP PASS 1,500

On the back of a surge of new members in the final few months of the year, IPAF sees its total membership extend beyond 1,500. The increase is owing to the powered access industry's strong recovery after the pandemic and the introduction of a new Safety Professional category, of which Chris Wraith, pictured, was the first to join up at Vertikal Days 2021. Peter Douglas, CEO & MD of IPAF, comments: "It has been really heartening to see IPAF's membership base grow steadily throughout the second half of this year."

IPAF issues guidance on how to use powered access to safely install and dismantle seasonal lighting and decorations, pictured, ahead of the festive period.

The guidance covers proper planning, risk and site assessment for machine selection, and working safely near to roads and pedestrian thoroughfares. In addition, two new documents addressing new requirements in the updated US ANSI A92 suite of standards that went into effect during 2020 are published. The first is an explainer to MEWP wind ratings, and the second a comprehensive guide to assist in preparing and implementing a MEWP Safe Use Program.



NOVEMBER

DECEMBER



## TAILORING OUR APPROACH TO A CHANGING SITUATION

For the IPAF Communications & Membership team, 2021 was in many ways an inversion of 2020. The year began in the grip of the coronavirus pandemic, with physical events and meetings postponed or cancelled, or delivered remotely via Zoom, YouTube or Teams. As the year wore on, we saw a steady return to some kind of normality.

In the first half of 2021, pretty much every physical event, including ElevAÇÃO, traditionally hosted by IPAF in Brazil every February, was postponed or delivered in a revised virtual format. In March 2021, IPAF delivered the first ever online Summit & International Awards for Powered Access (IAPAs), having had to postpone the event in 2020. The event was a success, with participants joining from around the globe to listen to the IPAF Summit speakers and to celebrate the winners of the various IAPAs category winners. More than 900 people from over 60 countries worldwide joined the event.

As the year progressed and worldwide vaccination programmes took hold the picture gradually eased, then in-person events did return to the schedule, in a cautious resumption of the pre-pandemic global events programme. IPAF was represented at Platformers' Days and A+A in Germany, GIS in Italy, and Vertikal Days in the UK, as well as hosting the third edition of IPAF Elevation UK member event in November, attended by more than 100 delegates. These events were all well received by the IPAF team and members alike, and there is hope that the progression towards something approaching normality will continue in 2022.

As well as in-person events and hybrid meetings, IPAF continued to deliver a comprehensive range of online events, including the PDS programme for instructors and training centres, and also continued to present its series of free industry webinars, including presentations to launch the IPAF Global Safety Report in June, and the Powered Access Rental Market reports, exclusively compiled by Ducker, in October.

These continue to be well received, with to date more than 10,000 live participants and people reviewing the recorded webinars, which are all still available to view via [www.ipaf.org/webinars](http://www.ipaf.org/webinars).

In addition to this programme of online and in-person events, webinars and workshops, IPAF once again published 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; and the decision was taken that it will continue to be delivered in this format in future for reasons of sustainability.

Indeed, the Communications & Membership team continues to take a key lead on IPAF's Carbon Footprint and Sustainability Project, of which initial objectives and actions included: A carbon footprint accreditation being completed; identifying a scheme to offset carbon emissions; adding an IPAF Member offer through Carbon Footprint Ltd; signposting a new support webpage for members; and introducing a new IAPA Award to celebrate excellence in sustainability.

Sustainability is also at the heart of the roll-out of perhaps IPAF's most ambitious digital project to date, the ePAL app for mobile devices. Aimed at operators of MCWP and MEWP equipment, the app allows training certification to be stored and shared, including the first ever digital format IPAF PAL Card. This in turn has allowed IPAF to streamline its processes considerably when issuing plastic cards and paper certification, mailed around the globe.







All current valid PAL Card holders are encouraged to download the ePAL app for Apple iOS and Android through Google Play. As at the end of 2021, the app was available in seven languages, in most territories around the world, with the final phase of the roll-out set to happen across the first quarter of 2022 in North America, Austria, Brazil, Germany and Italy.

Using ePAL, equipment time can be logged, removing the for paper operator logbooks. IPAF's safety guides are now available digitally for all ePAL users, and IPAF can deliver safety and technical guidance direct to the operator. Supporting and communicating with members has never been more important, and IPAF continued to use both its traditional and digital media platforms to good effect, posting news and updates via the [www.ipaf.org](http://www.ipaf.org) website in nine languages, and issuing around 100 press releases, equating to two per week. The regular IPAF eNewsletters were restarted, being sent to almost 12,000 recipients in 12 language and regional variations.

The IPAF.org website is the hub for all digital content, and in 2021: users increased by 22% coming from 222 countries, sessions went up 26% and downloads increased by 12% compared to 2020. IPAF's social media channels all saw growth compared to the previous year, with LinkedIn followers up by 19% and engagement up 13%.

IPAF added a new membership category in 2021, the Safety Professional. This combined with a concerted marketing drive, enhanced member benefits package and generous rebates of fees on membership renewals and for individuals trained, helped total membership reach record numbers. From the end of the first quarter of 2021, when membership was just 1,431, the total surged to surpass the year-end target of 1,500 by mid-December.

IPAF added members in three new countries – Guatemala, Pakistan and Trinidad & Tobago – giving coverage across 74 territories worldwide. Belgium, the Netherlands, Ireland and Portugal all saw notable increases in membership. A new set of sponsorship packages was launched at the end of 2021, the Megawatt, Gigawatt and Terawatt options offering opportunities to IPAF members who wish to co-brand IPAF events, and webinars during 2022 and beyond.

The Communications & Membership team continues to produce quality safety & technical guidance documents, leaflets and stickers, **Andy Access safety posters** and **Toolbox Talk workplace safety briefings**, as well as periodical reports, white papers and webinars to help keep the powered access industry informed. Please visit [www.ipaf.org/resources](http://www.ipaf.org/resources) to view the full range of materials, the majority of which are free to view and download.

## 2021 IN NUMBERS



Web users increased by 22% with visits from 222 countries



Downloads increased by 12% on 2020



Over 10,000 people across 65 countries viewed an IPAF webinar



More than 900 attendees from 60+ countries for the virtual IPAF Summit & IAPAs



More members than ever: 1,504 across 74 territories worldwide



More than 100 press releases issued, averaging around two per week.



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



## MEMBERSHIP SERVICES AND BENEFITS

IPAF membership services, benefits and special offers may not be available in all countries and/or all languages. They may also become unavailable or be withdrawn at any time, without notice. Do you have an offer or discount to offer to IPAF members? Please email [members@ipaf.org](mailto:members@ipaf.org)

[www.ipaf.org/benefits](http://www.ipaf.org/benefits)



## EXTENDING FLEXIBILITY IN COURSES AND CERTIFICATION



**IPAF's training worldwide saw a remarkable recovery during 2021, to finish the year having delivered training to around the same number of candidates worldwide as it achieved during 2019 - which in itself was a record-breaking year.**

The changes and recalibrations IPAF and its training members made during 2020 in response to the pandemic – offering more courses and modules in eLearning, creating instructor-led remote learning modules, certifying training courses for use on virtual reality simulators (VR sims), updating and improving existing courses and delivering new courses, in additional languages – continued throughout 2021, and it is clear the extended range of training, in more languages, featuring greater flexibility in the way it is delivered, is exactly what powered access requires to suit rising demand, as the world looks to sustain the recovery from the coronavirus pandemic. Highlights in terms of what the IPAF training department, Training Committee and our members who help develop and deliver training achieved during 2021 include:

### **SITE ASSESSMENT FOR MEWP SELECTION**

This is a new course aimed at people who will be selecting MEWPs for various work at height tasks. IPAF already offers its MEWPs for Managers or MEWP Supervisor training, which does contain a lot of the information people need for a site assessment, but this new course is more condensed, detailed and specific to the task. This course fills an acknowledged gap and is of significant benefit to a range of different roles within

powered access, from occasional users of MEWPs and those in ancillary planning or health & safety roles, to operators and supervisors using MEWPs on a daily basis. This is a foundation course and as such candidates are encouraged to continue learning after completion, with support from their organisations as they maintain competency.

### **OPERATOR RENEWAL**

People have traditionally undertaken the full foundation-level IPAF operator course leading to PAL Card certification and then, on expiry of their PAL Card, have been asked to take the original foundation course all over again, regardless of experience gained through machine usage. The IPAF training team has come to realise that this is not necessarily the correct route to recertification and doesn't allow regular MEWP users to feel progression in line with increasing experience and career development. In 2021, IPAF made significant changes to the standard pathways to certification renewal, based around the basic principle that operators that regularly use MEWPs should only do the foundation course once, after which they should either renew their training or upgrade it. IPAF renewal training focuses on the most common incidents and how to prevent them happening, it is designed for experienced operators, and builds



on existing knowledge and adds something new instead of simply putting them through the same basic training course over and over again. Essentially it helps build engagement, confidence and skills and allows the training candidate to feel they are embarked upon genuine career progression and updating knowledge.

### **IPAF PAL+ ADVANCED OPERATOR COURSE**

For operators that work or will be required to work in more challenging environments such as factories, construction, processing, logistics & warehouses or rigging tasks, or for operators that wish to challenge themselves and certify higher skill levels, IPAF's Advanced Operator PAL+ training course is the gold standard. It also offers the ideal route to "certification renewal" as an expiring PAL Card is automatically renewed on successful completion of the IPAF PAL+ course. The theory element, available either in eLearning or instructor-led, is focused on preventing the most common types of MEWP incidents that are typically most relevant to this type of operator: Falls from height, crushing/entrapment, electrocution and machines being struck by other vehicles or plant. The practical aspect focuses on the advanced skills of multi-function operations, strategic observation and smooth controlled use while navigating demanding tasks.

### **VR ASSESSMENTS (OPERATOR RENEWAL AND PAL+)**

When IPAF Launched its XR Strategy at the outset of 2019, it determined that VR sims could play a major role for refresher

training and for higher risk scenarios. And that is exactly what IPAF implemented in 2021. This adds a new option for IPAF training centres to deliver assessments without the need for a training area full of real MEWPs, and allows a new and precise way to evaluate not only the skills and competency of training candidates, but on-site training and familiarisation tasks that end users including major contractors are finding very valuable indeed.

Paul Roddis, IPAF Training Manager, says: "Having published our Extended Reality (XR) Strategy in December 2018, work began on ensuring that a VR sim could mirror a real MEWP, for instance in delivering the IPAF PAL+ advanced operator course to tackle those high risk or more challenging situations as a priority.

"Having succeeded with translating IPAF PAL+ into the simulated environment, work began on the training and assessment involved in renewing an IPAF operator licence. This took a further seven months of intensive work and testing, being ratified by the IPAF Council on 29 September 2021 for 3A and 3B categories.

"IPAF is very grateful to all the exceptional people that have given their time and expertise to develop these additional training options throughout the ongoing pandemic. And we feel the changes made over the past few years have been thoroughly vindicated by the extraordinary training numbers IPAF members continue to deliver."

## **THE IPAF TRAINING COMMITTEE**

Chair: **Tony Warren (Sunbelt Rentals)**

Vice Chair: **Steve Booker (Kentec Training)**

The committee meets four times a year, all of which were conducted as virtual meetings via Teams during 2021. It is hoped that the committee will soon be able to return to face-to-face meetings held in different regions and hosted by a training committee member company, as was the case previous to 2020. Tony Warren stepped up from vice chair to assume the chair from Neil Beard, who departed with the committee's thanks for his time in the role. The Training Committee sought to internationalise much of the work it does by co-opting members from across IPAF's global membership to join specific working groups.

### **PRIORITIES OF THE IPAF TRAINING COMMITTEE INCLUDE:**

- A review of the IPAF Operator course (international working group);
- A review of the Harness course (international work group);
- A review of the Demonstrator course;
- A review of the IPAF Training Matrix and this (international working group).



## **THE IPAF CAP COMMITTEE**

Chair: **Chris Banks (Independent CAP Assessor)**

Vice Chair: **Ian Brent (Nationwide Platforms)**

The IPAF Competent Assessed Person (CAP) Committee meets 2-3 times a year, virtually or face-to-face in various regions, usually hosted by a CAP member. There are currently working groups tasked with reviewing the PDI course and the CAP Course. Recent expansions have seen IPAF Cap extended in Spain and developed for the MCWP sector. The Irish Country Council resolved in 2021 to promote the uptake of IPAF CAP in Ireland and Northern Ireland.



## DOWNLOAD THE FUTURE

2021 saw the launch of the free-to-use ePAL mobile app, including a digital IPAF PAL Card, Logbook and Operators' Safety Guide for users of powered access equipment. In collaboration with IPAF member firm Trackunit, developing the app was a key priority.

If you were to stack the 170,000 plastic PAL Cards IPAF issued in 2019 one on top of the other (assuming you had the patience and the skill), it would create a tower 130 meters high! That is greater than even the tallest of MEWPs can reach and goes part of the way to explaining why IPAF decided that it needed to bring its globally recognised operator licence card into the digital age.

Upon joining IPAF as chief executive and managing director in December 2019, Peter Douglas moved the idea of digitalising the PAL Card to the top of the agenda. In 2021, despite more than a year of disruption caused by the coronavirus pandemic, that vision became a reality with the creation and roll out of the ePAL mobile app. "Our main aim is to improve safety in our industry," he says. "But having this app improves other things as well, certainly in terms of sustainability and greater efficiency in certifying our training programme."

Discussions about the concept and what members wanted began in early 2020. IPAF worked in partnership with member firm Trackunit, a Denmark-based tracking systems specialist, to develop the app and the platform on which it is based. IPAF retains ownership of ePAL. Trackunit's role is to help develop the platform and the app that sits on top of it.

The ePAL app, which is available on iOS and Android, is broken down into three main sections: Experience, Training and Safety. The Training section holds a digital version of the PAL Card, and other IPAF qualifications, which can easily be shared with anyone who needs to view or verify it. It also holds details of the training company that provided the operator's training.

The app has the capability to remind operators when their licence is coming up for renewal and prompt them to contact the training centre. Operators with existing physical PAL Cards are also able to enter their details to claim their digital card or simply touch their PAL Card to their NFC-enabled mobile device to have their digital card created automatically.

The Experience section of the app replaces the physical logbook, which Douglas concedes too often ends up languishing in a desk drawer or vehicle glove compartment. Users can select which type of machine they are working on, before recording the time spent on it. "With the app, it's much easier for operators to log their time on a particular machine and that will help build a better picture of their equipment experience, which they can show when they are on site," he explains.

It also generates anonymised information to show IPAF how frequently different types of machines are used, how much time is spent on them and in what country, which IPAF hopes will inform better industry safety initiatives over time. The app provides direct links to IPAF's accident reporting portal for a quick and convenient way to report powered access accidents and near misses providing vital information to inform future safety initiatives and the wider training programmes.

When it comes to the Safety section of the app, there is regularly updated feed of relevant content aimed at the operator. "It's informed by all the things we know can go wrong on sites and reinforces the messages that we get from our accident reporting portal," says Douglas.

“We will also be reminding people of the importance of doing daily checks, and the importance of wearing the correct PPE and fall-arrest devices – all the things that you would expect to enhance safety and productivity when working at height,” he adds.

Currently there are more than 800,000 valid PAL Cards in circulation worldwide, with 150,000-170,000 due for renewal in any ‘normal’ year. By default, operators renewing their licence will download the app to obtain their digital PAL Card, logbook and safety guide. It also goes a significant way to assisting in IPAF’s goal to reduce plastic and aim for all cards to be digital in line with its aim to be carbon neutral by 2030.

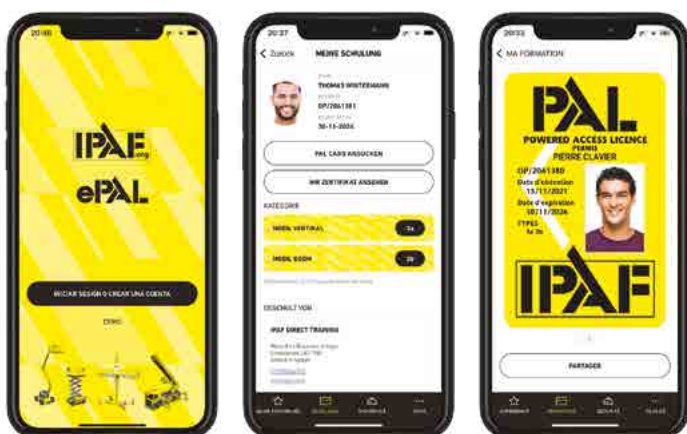
Meanwhile, the organisation has a contract with Trackunit for ongoing development. “Over time, the app will be able to offer contactless access control over the phone,” says Brogaard. “The way to look at this is that on this platform we will build applications and solutions, access control being one, the logbook and direct communication of safety information being another. It is the first step on a long journey. We aren’t expecting an industry that hasn’t traditionally worked in a digital way to go digital overnight. It will take four or five years. With the help of manufacturers, contractors and rental companies, we have a platform on which we can build experiences and apps, and the IPAF ePAL app is the first expression of that.”

August 2021 saw the inaugural meeting of the ePAL Committee, a global group of members bringing their industry knowledge and experience to guide the implementation and development of the ePAL app.

Peter Douglas is excited by the environmental benefits of cutting down on all of those pieces of plastic, paper logbooks, and the carbon emissions associated with their distribution. “All of it can be put into a neat app that you put on your smartphone – technology that almost everyone has in their pocket,” he says.

As at the end of 2021, IPAF had developed the ePAL app in six additional languages, following its launch in English earlier in the year. IPAF’s ePAL app is free to use and available for all new and existing IPAF licence and qualifications holders in most countries worldwide, with the first quarter of 2022 seeing the final part of the rollout in North America, Austria, Brazil, Germany and Italy.

*Versions of these articles were first published in IPAF’s Powered Access Magazine in 2021*



## DEVELOPING COLLABORATION

IPAF’s Peter Douglas is hopeful that powered access manufacturers and users will get involved in making decisions about the direction the ePAL app takes. “Ultimately, if we can get all of the different types of telematics that are out there on all the different manufacturers’ machines to use one format that everyone is in agreement with, then we can take this to the next level,” he says. “Trackunit is not helping us to create this for any other reason than that they want to help the industry.”

Trackunit’s Søren Brogaard agrees. “The platform is being built with IPAF for IPAF. We don’t own the system. We are stepping into this because we see that this has a direct relation to the elimination of downtime for operators, machines and the industry in general. We don’t have an advantage here and other companies have equal access to use this platform just like we do.”

Likening the platform to ‘opensource’ software, he adds: “This is a platform where competitors can come together to build something for general use and to benefit a higher purpose. You see that the world over in opensource platform environments. OEMs are a big part of the equation in terms of adopting this platform towards their access control systems. The rental companies can play an important role by using it in their training centres.

“It will take time. IPAF has made a brave decision to go out and do this. The card has been working perfectly and they could have just kept doing this for the next ten years, but they are eager to move things forward.”

To find out more about the new IPAF ePAL mobile app, see [www.ipaf.org/ePAL](http://www.ipaf.org/ePAL); the app is available for Apple iOS and Android through Google Play and will be updated with additional features as usage demands and evolving technology allows.





## SCRUTINY AND SUPPORT TO REACH CONSISTENT LEVELS OF EXCELLENCE



**IPAF's Audit & Quality Department underwent some changes in 2021, with the team being reconfigured to include a dedicated role overseeing the development of the IPAF Rental+ standard, both in the UK where it is already required as a condition of membership for hire firms, and for the promotion and expansion of the scheme outside of the UK.**

Following a number of internal changes and a slight reorganisation of the IPAF Audit & Quality team, Katrin Blau now heads up the Audit side of the business, while Kate Miller is IPAF's Quality Manager. New auditors were also recruited to expand the team and to fill vacancies arising during 2020 when most face-to-face audit activities were paused owing to the pandemic.

Katrin says: "Arguably, auditing is one of the best member support tools IPAF has to offer. An audit is conducted to help the member company ensure conformity to quality standards, and to highlight areas for necessary improvement. IPAF is here to support our members and by extension their customers, to ensure that IPAF training courses are run as intended and in accordance with the IPAF guidelines and external standards; and that IPAF training is managed as stipulated in the IPAF training manual, forms and guidance documents."

"After a very challenging 2020 and first few months of 2021, IPAF's Auditing team continues to increase support for all our members in different regions worldwide. Earlier this year, Juan Soria joined IPAF as a dedicated Auditor for Spain, while John Harrison has joined the IPAF UK Auditor team."

"Looking back over the year as a whole the pandemic has had an effect, but IPAF Training Centre audits were successfully completed as intended. I'd like to say a big thank you again to all IPAF members for allowing us the flexibility for on-site visits and virtual audits, and for working with us in patience and understanding to ensure compliance with workplace restrictions and public health guidance during the pandemic."

IPAF attained continued certification to ISO 9001:2015 and ISO 18878:2013 and is seeking to add additional ISO certifications in future, including ISO 17020, 17021 and 17024. IPAF continues to be audited by external accreditors:

- Safety Schemes in Procurement (SSIP), allowing IPAF to continue offering the SSIP Health & Safety certification to UK members
- Bureau Veritas, allowing IPAF training centres to safely deliver MEWP training in Spain

### **IPAF's Audit & Quality team has the following objectives:**

- Be closely involved in the international operator course review.
- Conduct a thorough review of current audits.
- Assist in the update of the current IPAF Training Manual.
- Release a new IPAF Audit app for mobile devices.
- Continue to visit instructors to provide support and feedback for a variety of IPAF courses.
- Work towards recognised international certification of IPAF Rental+.





The structural change to the IPAF Audit & Quality team in 2021 led to the appointment of Martin Wraith to a new role overseeing the development, implementation, and ongoing audit of the IPAF Rental+ standard for hire members. IPAF Rental+ is the standard for quality and safety in the MEWP rental industry. The IPAF UK Country Council has mandated that all new and existing MEWP hire company members should be audited to meet the required standard as a condition of membership. Member companies are annually assessed against the requirements, which includes Safety Systems in Procurement (SSIP) certification.

Martin is well known in the powered access industry in the UK, having served as an IPAF Auditor for a number of years and also being a qualified IPAF senior instructor. He has helped develop and implement training, hosted IPAF safety and training webinars, and delivered IPAF professional development seminars (PDS) in the UK and overseas. The IPAF Rental+ scheme was also able to call on two new SSIP Assessors, in Katrin Blau and Helen Carr.

Martin says: "I enjoy meeting members, helping them fulfil and maintain the requirements of the IPAF Rental+ audit and expanding awareness and engagement with the standard both in the UK and further afield. I am keen to highlight the benefits of the scheme both to members trying to run a successful, standards-compliant business and to the wider contracting industry, for whom using an IPAF Rental+ certified company brings real confidence in the levels of customer service, safety and professionalism they will receive. Thanks to all IPAF Rental+ members for their continued support over the past year, especially around the way they have adapted to virtual audits."

**The IPAF Rental+ team led on or contributed to the following:**

- Developed a new manual, approved by the IPAF Rental+ committee and applicable for all audits from 1 January 2022.

- Reduced the number of documents used by IPAF, to create reference point for all IPAF Rental+ requirements.
- Established a working group to create an IPAF Rental Broker Audit for those companies that don't own equipment but hire MEWPs from other rental companies.
- SSIP and IPAF Rental+ audit separated to simplify the process for members. Evidence of in-date SSIP certification is still required as part of the IPAF Rental+ award, and the SSIP audit is still offered as an IPAF Member benefit free of charge to rental companies who wish IPAF to conduct the SSIP audit.

**Key objectives for 2022 include the following:**

- Review the current IPAF Rental+ question set to ensure it aligns with the Common Assessment Standard, which comprises an industry-agreed question set based on existing Pre Qualifying Questionnaires (PQQs), including PAS 91, and corresponding assessment standards.
- Add international representation to the IPAF Rental+ committee, and introduce IPAF Rental+ into other regions around the world.
- Make SSIP available to other IPAF member categories in the UK. This would provide a member benefit offering potential financial saving to those members who are not rental companies but still want or require SSIP certification.
- Develop and deliver an IPAF Rental+ webinar in April 2022.
- Review the format of the IPAF Rental+ audit to ensure that the benefits to members are maximised.
- Achieve ISO/IEC 17020:2012 accreditation, which specifies requirements for the competence of bodies performing inspection and for the impartiality and consistency of their inspection activities.
- Update the IPAF Rental+ evidence portal, so members can see the evidence they have submitted and are able to enter expiry dates for date sensitive evidence, making it a valuable business management tool.
- Continue to add templates and guidance to the information available to members.
- Offer support to members, new and old, who wish to have a better understanding of the IPAF Rental+ audit requirements as well as those considering joining IPAF and requiring support to meet the audit requirements.

## **IPAF RENTAL+ COMMITTEE**

Chair: **Steven Gerrard (Speedy Powered Access)**

Vice Chair: **Ele Ioannou (Mr Plant Hire)**

The IPAF Rental+ committee met on four occasions throughout 2021, one meeting being the annual open meeting held in March, at which Steve Gerrard (Speedy Powered Access) was re-elected as Chair and Ele Ioannou (Mr Plant Hire) was elected as Vice Chair. Mark Robinson (Premier Platforms Ltd) was also welcomed as a new member of the committee.

The scheme, under the direction of the committee, has made great progress throughout the last year, with numbers of new member applications increasing as companies see the value in the scheme.

Throughout the year the committee and associated working groups have made excellent progress, with a new IPAF Rental+ Manual being published and made freely available on the IPAF Rental+ page of the IPAF website. This document explains in simple terms what is expected of existing and potential IPAF UK MEWP Rental members to gain and maintain the IPAF Rental+ certification, which is widely recognised within the industry as a driving force for the improvement of standards. Relevant audit questions have been aligned with the Common Assessment Standard to improve efficiency and reduce cost in the construction pre-qualification (PQ) process. Discussions have also started with the MCWP and Hoist industry to investigate the possibility of introducing the IPAF Rental+ scheme to the MCWP and Hoist sector.





## HOLDING FAST TO A HIGHER STANDARD

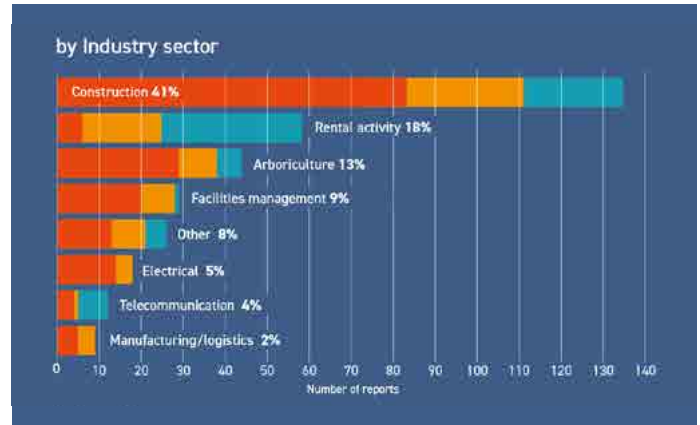
2021 was Brian Parker's first full year as IPAF Head of Safety & Technical, and the department continued to deliver high-quality output.

**Key achievements for the IPAF Safety & Technical team under Brian Parker in 2021 included the publication of the second IPAF Global Safety Report in June, which focused in detail on each of the six main causes of fatalities and major injuries when using powered access to work at height.**

The report also highlighted the need to continue expanding the number of countries from which reports are being received by the IPAF Incident Reporting project and updated Portal, as well as capturing more data on near misses and also from other types of equipment than the most common types of MEWPs, including MCWPs, hoists and specialist MEWPs. This will allow IPAF build a more complete picture of where accidents are happening, to whom, during what type of operation. Also promised is greater functionality and a "member's customisable dashboard" for those reporting data, and it is hoped that direct access from the new ePAL app for operators will encourage reporting of all incidents.

The IPAF Accident Work Group was expanded into a new International Safety Committee (ISC), which met for the first time in September. The committee has global representation and will help to execute the verification and analysis of data gathered via the IPAF reporting portal, as well as assisting in the review and development of standards, IPAF technical and safety guidance documents and updated Andy Access safety posters and the IPAF Toolbox Talks series of short workplace safety briefings. The team also helps develop and deliver safety & technical presentations at events and topic-specific webinars, as well as contributing to articles in the safety and technical press.

Other documents developed and published under the purview of the IPAF Safety & Technical department included: A Guide to Preparing a MEWP Safe Use Program & Wind Rating guidance (both to aid compliance with new requirements in the ANSI A92.20 updated standards in the US); technical guidance warning users not to use MEWPs as an overhead anchor point; and updated leaflets warning not to exit the platform at height.



A major document about operating MEWPs in Public Areas was developed for publication, subject to final review by the IPAF ISC in February 2022.

In August it was announced that Claude Dubé had decided to retire from his role as UK Safety and Technical Manager, after more than four decades in manufacturing and engineering safety roles across construction and agricultural equipment. A recruitment process was conducted to hire a successor, which resulted in the appointment of Mike Ashton to a new role of International Safety & Technical Advisor, taking up the post in November 2021. He is based in Queensland, Australia.

The IPAF Safety & Technical department is involved in developing or reviewing standards:

- ANSI 92.20: A new revision to the standard that includes looking at potential commercial terms violations not resolved in the 2021 edition, addressing comments submitted since 2018. The design, safe-use and training standards may subsequently be republished independently; the A92.20 committee works to a five-year periodic review schedule.







## **IPAF INTRODUCES SAFETY PROFESSIONAL MEMBER CATEGORY**

In September 2021, IPAF launched a new type of membership, the Safety Professional, aimed at those in health & safety or related supervisory roles in powered access or wider industries.

Benefits of the membership package include free participation in exclusive safety professional events with leading speakers from the industry, access to a private LinkedIn group to share knowledge and safety practice, access to the members' area of the IPAF website and the IPAF accident reporting portal members' dashboard

Brian Parker, IPAF's Head of Safety & Technical, says: "In a previous role at a large IPAF member company I was tasked with managing and leading on health & safety strategy; this category of individual membership would certainly have appealed to me."

The membership category was launched at Vertikal Days in Peterborough, UK, and Chris Wraith, former IPAF Safety & Technical Manager and a member of the IPAF International Safety Committee, was the first to sign up.

## **IPAF MANUFACTURERS' TECHNICAL COMMITTEE (MTC)**

Chair: **Jim Waldron (Skyjack)**

Vice Chair: **James Clare (Niftylift)**

Jim Waldron has taken on the mantle of MTC Chairman after James Clare held the reins for a few months following Ian McGregor's decision to step down from the position. The MTC held virtual meetings to continue to review important topics, from safety data and initiatives to ongoing projects, regulations and standards updates.

The MTC gathered remotely on 11 May and again on 3 November, with over 20 members at each meeting. It is encouraging that the make-up of the MTC in terms of both geography and MEWP type is a fair reflection of the IPAF manufacturer base the committee was established to represent. One country the committee does still feel is under-represented is Spain – if there are any manufacturers in Spain who would be interested in joining the MTC, please get in touch.

The committee continually assesses how best to support the broader IPAF membership. Examples of this include speaking at the IPAF webinar on the Taboo of Modifications and sharing updates from IPAF's partnership organisations and bodies, including: the European Materials-Handling Federation (FEM), Access Industry Forum (AIF) and more recently DataTag.

One key addition in 2021 was the inclusion of a standing agenda item on sustainability and environmental aspects; this aligns us with the broader IPAF strategy.

The group has also recognised the challenges faced with vehicle-mounted MEWPs and in particular those associated with the chassis they are mounted to. A sub-committee now meets after the main MTC to discuss these topics.

### **WHAT IS THE IPAF MTC?**

All IPAF manufacturing members are invited to participate in the MTC. It is necessary that participants are engaged in technical, safety or regulatory roles within their IPAF member company. To request to join the MTC please email: [technical@ipaf.org](mailto:technical@ipaf.org)

- ISO 16368, Mobile elevating work platforms – Design, calculations, safety requirements and test methods: The CIB ballot closed on 25 May 2021 and comments received were to be resolved leading to closure of the process by 31 December 2021.
- ISO 16653-1:2008, Mobile elevating work platforms – Design, calculations, safety requirements and test methods relative to special features – Part 1: MEWPs with retractable guardrail systems will see the next systematic review begin on 15 January 2022.
- BSEN: EN Standards will be adopted through BSi, owing to the UK having left the EU.
- EN280: 2022 Part 1 and 2 – To be released in February 2022, with an 18-month transition period for adoption thereafter.
- A new Standard Proposal for Multi-Purpose Elevating Platform (MPEP): Work is scheduled to commence on preparation of this new standard in 2022.
- Avoiding trapping/crushing injuries: This guidance for MEWPS has been renamed Reducing Trapping/Crushing to People in the Platform and will be reviewed by the Plant Safety Group (PSG) – formerly the Strategic Forum Plant Safety Group (SFPSG) – in February 2022.
- Work on Guidance on the Safe Use of MEWPs with Suspended Loads is in progress and is expected to be ready for final review in 2022. This has been delayed but the BS8460:2017 – MHE12/1 committee will review this code of practice and will confirm by the end of January 2022 if the work is to go ahead, including how the updated code will be designated.
- FEM-IPAF Guideline: Information & Suitability for the Task of Exiting and/or Re-Entering at Height: This document was reviewed and approved by the FEM-MEWP Work Group, with publication in February 2021.
- FEM-IPAF Guideline: Energy Efficiency Test Methods and Sustainability Aspects: To help users determine electric machine efficiency and the economic sustainability of batteries.
- IPAF's MEWPs in Public Areas – subject to IPAF ISC approval, this document will be published in early 2022.



## PORTAL TO A SAFER FUTURE

**IPAF's updated accident reporting portal gathers specific, targeted information that can be used to help inform and update training courses and safety information – analysis of the data is making working at height safer.**

We learn from our mistakes, according to the old adage, and it's as true for accidents working at height as for anything else. But IPAF is taking the process of learning from past failures to new heights with the recent launch of its new accident reporting portal ([www.ipafaccidentreporting.org](http://www.ipafaccidentreporting.org)).

Brian Parker, IPAF's Head of Safety and Technical, explains that while the old accident reporting portal was helpful, the new one, relaunched towards the end of 2020, makes significant improvements to the way in which data is collected. "Previously, rental companies and operators could enter free text and if that wasn't aligned to something in one of the categories that the portal expected, then it would sit in 'other'. That meant you couldn't draw such good conclusions from what happened," he says.

During his work with the IPAF Accident Working Group, which has now been expanded into the International Safety Committee, Parker and other members realised data from the old portal was presenting them with problems. "It was giving us a lot of misinformation because we kept getting results saying 'other' or 'nul' So, we realised that the portal needed updating."

The portal has been reorganised so that users are prompted to choose from specific categories, which can help reveal the precise nature of an incident and who was involved. Users are now asked a series of questions about the circumstances surrounding the incident: when and where it happened; who was using the machine; what the ground conditions were; the nature of any injuries or fatalities and who was hurt; whether users were trained or experienced; the type of machine involved; what sector the accident happened in; even what the weather was like.

Splitting details about incidents into specific categories allows IPAF to slice and dice the data in a number of different ways. Accidents can be filtered by country, for example, or by type of incident, or by accidents involving a certain type of machine. "Where the portal comes alive is filtering," says Parker. "It tells us where incidents are happening and gives insight into how they are happening."

So far, the portal is collecting data from more than 25 countries worldwide, mostly from IPAF members and representatives in



Visit [www.ipaf.org/accident](http://www.ipaf.org/accident) to view or download the IPAF Global Safety Report 2021.



Please use [www.ipafaccidentreporting.org](http://www.ipafaccidentreporting.org) to report all accidents, incidents and near misses using powered access.

certain countries, though users don't have to be IPAF members – they can log in anonymously should they happen to be a concerned member of the public, for example. The portal is also available in the core IPAF languages (English, Chinese, Dutch, French, German, Italian, Korean, Portuguese and Spanish). Currently, reporting through the portal is mandated in the UK as a condition of being an IPAF member, and Parker hopes that similar initiatives will be introduced to other countries.

In the meantime, he is excited about the implications of having data that is more rigorously collected and more easily analysed. "The International Safety Committee will have the direct ability to say what guidance needs to be updated – whether that is Toolbox Talks, Andy Access posters or training courses.



## THE IMPORTANCE OF NEAR MISSES

The IPAF Global Safety Report 2021 highlights the need to gather more near-miss data from across the industry worldwide to help avoid the most common types of serious accident in future. The report, based on incidents logged over the five-year period 2016-2020, shows the most common causes of fatal incidents were falls from the platform and electrocutions, both accounting for 23% of deaths, followed by entrapments (19%), MEWP overturns/ tip-overs (12%), MEWPs being struck by another machine or vehicle (6%) or hit by falling object(s) (5%).

Brian Parker, IPAF's Head of Safety & Technical, says: "We must now focus on areas we know we need more data from; this means gathering more information about near misses – we are getting comprehensive reporting of serious injuries and deaths but need more reports of the seemingly innocuous mistakes that might have led to a serious outcome but didn't.

"Near misses are important in understanding trends and preventing serious accidents in future. We hope that direct access to the reporting portal from the newly launched IPAF ePAL mobile app for operators and supervisors will empower more people to record these sorts of incident – quickly, easily and anonymously if so preferred.

We will work with our members and relevant technical committees to improve reporting from the MCWP sector to enable us to give useful insights into key accident trends in future."



## ANONYMISED DATA

To address any concerns that individuals or companies have about details of accidents they have suffered escaping into the public domain, data from the IPAF accident portal is published fully anonymised. It doesn't name organisations, machines involved, or any individuals.

"All data is anonymised and sent to the International Safety Committee (ISC) in a form where they can just look at the incidents," says Parker. "I check all of the incidents to make sure they are genuine and the ISC also does a sense check on what has been reported. This is members' information and members' money has been invested in this portal and the database it generates – we want to make sure what we are doing is for their benefit."

## FIRST MEETING OF IPAF'S INTERNATIONAL SAFETY COMMITTEE

A new International Safety Committee (ISC) has been convened by IPAF for the first time, to assist in globalising standards development and effective implementation, and promoting awareness about industry safe practice. The new committee was created from the existing IPAF Accident Work Group of the IPAF UK Country Council, which was instrumental in compiling and analysing incident statistics gathered via IPAF's Accident Reporting Portal, leading to the annual IPAF Global Safety Report.

The existing members of the Accident Work Group have been joined by representatives from around the globe, with Chair Mark Keily of Sunbelt Rentals UK confirmed as continuing in the role at the first meeting on 22 September 2021. The hybrid meeting, hosted from Vertikal Days at the East of England Showground, Peterborough, UK, also elected Alana Paterson of Nationwide Platforms as Vice-Chair.

Brian Parker, IPAF's Head of Safety & Technical, says: "The IPAF Accident Work Group worked hard behind the scenes to produce safety guidance based on data we have been collecting and analysing since 2013. Now we have expanded that work group into a truly international committee - we have representatives from North America, Australia, Brazil, China, Italy and the Middle East.



"The first meeting of the committee considered a range of issues, including how best to utilise our resources to of incident reports we are gathering through the IPAF accident reporting portal.

"Boost accident reporting and in particular logging of near-miss incidents and incidents involving non-MEWP powered access, including MCWPs and construction hoists. We also discussed upcoming safety and technical guidance, including a new MEWPs in Public Areas document, and issues including development of new safety standards, including standardisation of controls and emergency lowering procedures."

## A GREATER PLATFORM FOR MCWPS AND HOISTS

Since appointing a representative for MCWPs & Related Products in 2017, IPAF has expanded its offering for members that specialise in this equipment, growing training, creating new committees and work groups, expanding in terms of languages and territories represented and providing specialist safety and technical guidance

The additional investment IPAF has put into supporting and representing its MCWP and Construction Hoist members has meant that, at the end of 2021, the federation has a total of 64 MCWP and Construction Hoist specialist members, of which 21 were IPAF Training Centres. As of the end of December 2021, IPAF had issued a record total of 2,264 PAL Cards issued for MCWPs and 134 for Construction Hoists in the calendar year, surpassing for the first time ever the landmark of 2,000 PAL Cards issued in a single year.

At the very end of 2020, IPAF announced that Alimak, the global mast-climbing work platform (MCWP) and construction hoist (passenger, goods, transport platforms) manufacturer, had agreed to become IPAF's fourth Sustaining Member. It was a show of confidence in the work IPAF had been doing for the past five years to expand its offer in terms of both member benefits and representation of members active in the sector.

With headquarters located in Stockholm, Sweden, 26 subsidiary companies and a presence in more than 20 countries worldwide, all of the Alimak Group became members of IPAF's Sustaining Member category, joining Haulotte, APEX and AON.

Angel Ibañez, IPAF's Global Representative for MCWPs and Related Products, commented at the time: "In the past five years, IPAF has intensified its activity in the realm of MCWPs and hoists and expanded its involvement in developing training and standards for the sector, so to have Alimak Group on board as a sustaining member will be excellent as it will allow us to tap into the company's expertise and global presence to help promote quality training and safety best practice regarding MCWPs and hoists worldwide."

With increasing numbers of members and enhanced global representation of MCWP and hoist member companies on IPAF's committees, including the dedicated International MCWP Committee, IPAF has also increased the training programme in terms of specific and related courses aimed at the sector.

In April 2021, IPAF launched two courses for Competent Assessed Persons (CAP): CAP for MCWPs and CAP for Hoists. Both courses allow candidates to be qualified as a MCWP or Hoist Competent Assessed Person, with knowledge and capability on how to plan, implement and record thorough examinations of equipment.

IPAF continues to develop its MCWP and Hoist training offer, and to support its specialist training centre staff and instructors through an annual professional development seminar (PDS) and delivered a global virtual PDS in 2021.



### PRIORITIES FOR 2021-23 INCLUDE:

- The roll-out of a new MCWPs and Construction Hoists for Managers training course in the first months of 2022, based on the current IPAF MEWPs for Managers course;
- Accrediting new MCWP and hoist IPAF Training Centres in Spain, Italy and Dubai;
- Increasing IPAF's presence in the US and Creating a North American MCWP and Hoist Work Group similar to the one in the UK;
- Developing IPAF Hoist Installer and Advance Installer courses, to complete the existing range of IPAF hoist courses – Operator, Demonstrator and Trainer – to launch no later than the end of the first quarter of 2023.



## IPAF MCWP AND HOIST INTERNATIONAL COMMITTEE

Chair: **Kevin O'Shea (Hydro Mobile)**

Vice Chair: **Darren Brady (Apollo Cradles UK)**

During 2021, IPAF convened one virtual meeting of the IPAF MCWP and Hoist International Committee and one virtual and one hybrid meeting of the IPAF MCWP and Hoist UK & Ireland Work Group.

The Committee noted the record amount of IPAF MCWP and Hoist training delivered, surpassing for the first time ever the landmark of 2,000 PAL Cards issued in a single year.

The group was instrumental in devising and delivering two webinars: Technical Inspections of MCWPs in February, aimed at an audience of Middle East-based inspectors; and Key Aspects of Safe Operation of MCWPs in July, to a global audience.



### ALGERIA



Renault Algérie Production  
www.groupe.renault.com

### ARGENTINA



GSA RENTAL  
www.gsarental.com.ar

Haulotte Argentina  
www.haulotte.com

IMG Renta  
www.imgrental.com.ar

LV SERVICIOS  
www.lvservicios.com.ar

Renault Argentina  
www.group.renault.com

RK ELEVACIONES  
www.rkelevaciones.com.ar

Stogues  
www.stogues.com.ar

Sullair Argentina  
www.sullairargentina.com

### AUSTRALIA



Alimak Group Australia  
alimak.com.au

EWP Training Solutions  
www.ewptrainingsolutions.com.au

EWPA  
www.ewpa.com.au

Haulotte Australia  
www.haulotte.com.au

Mine Tech Australia Pty  
www.minetech.net.au

Protective Innovations  
www.protectiveinnovations.com.au

TVH Australasia  
www.tvh.com.au

### AUSTRIA



Boels Maschinenverleih Österreich  
www.boelstraining.at

Dorn Lift  
www.dornlift.com

Felbermayr Transport- und Hebeteknik & Co  
www.felbermayr.cc

FLOTT Arbeitsbühnen  
www.flott.cc

Griehser  
www.griehser.at

HKL Baumaschinen Austria  
www.hkl-baumaschinen.at

Holz Klade  
www.klade-group.com

Kögl  
www.koegl.at

Lorenz Lift  
www.lorenzlift.at

Mayer & Schöftner Arbeitsbühnen  
www.mayer-schoeftner.at

W Reitinger, Arbeitsbühnen & Mobilkrane  
www.w-reitinger.at

### BAHRAIN



Dayim Equipment Rental  
www.dayimrentals.com

MMETC (Modern, Mechanical, Electrical & Transport CoWLL)  
www.mmetc.com

Sarens Nass Middle East  
www.sarensnass.com

Snorkel Middle East

UNI Training Center, Training & Professional Development  
www.uni.bh

BAZA 369  
www.uarendu.by

### BELGIUM



Alimak Group Benelux  
alimak.nl

Allift Michielsens  
www.allift.be

GemOne  
www.gemone.com

Huurland  
www.huurland.be

LODAX, Pads & Mats  
www.lodax.eu

Loxam/DK Rental  
www.dkrental.be

Loxam, Belgium  
www.loxam.be

Marchandise  
www.marchandise.be

TVH Parts Holding  
www.tvh.com

Vertimac  
www.vertimac.com

Wim VerhuurBA  
www.wimverhuur.be

### BRAZIL



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alimak.cn

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www.xzxc.com.cn

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www.zlxyc.com

CEC • CANPLUS DRIVE & CONTROL CENTRE  
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Manitou China Co  
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Foris P Garpozis & Sons  
www.facebook.com/garpozislifts

### CZECH REPUBLIC



Bohemia Fire

Cramo  
[www.cramo.cz](http://www.cramo.cz)

Rothlehner pracovní plošiny  
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FRANCE ELEVATEUR  
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[www.algeco.de](http://www.algeco.de)

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AST Arbeitssicherheit & Technik  
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AVV Arbeitsbühnen-Vertriebs- und Vermietungs  
[www.avv-arbeitsbuehnen.de](http://www.avv-arbeitsbuehnen.de)

Basan, Arbeitsbühnen und Baumaschinen Handel  
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Bernd Mölls-Hüfing

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[www.beyer-akademie.de](http://www.beyer-akademie.de)

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Christian Rennie

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Daniel Karschay

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Holger Trautmann

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Jens Maaßen

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Julian Lohmar

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Manuel Gogel

Markus Kappe

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Michael Vogel

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Richard Schalk

Rival Deutschland  
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Silvio Becker

Simon Pulch

SpanSet & Co  
[www.spanset.de](http://www.spanset.de)

Stefan Koller Steko

Stefan Liebler, Meißner Sicherheitstechnik

Stefan Lung

Stephan Lützenkirchen

Stjepan Dumancic

Terex Genie Germany & Co  
[www.genielift.de](http://www.genielift.de)

Teupen Maschinenbau  
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Theo Jäckering  
[www.industriemodellbau.de](http://www.industriemodellbau.de)

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[www.gutachter-baumaschinen.de](http://www.gutachter-baumaschinen.de)

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Tractel Greifzug  
[www.greifzug.de](http://www.greifzug.de)

Uwe Stroot chone & Bruns & Co

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Vladimir Weber

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Wilfried Wiegand

Willenbrock Concept  
[www.mewp.de](http://www.mewp.de)

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Zeppelin Rental  
[www.zeppelin-rental.de](http://www.zeppelin-rental.de)

GUATEMALA



CMS Industrias  
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HONG KONG SAR



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[www.linkatempt.com](http://www.linkatempt.com)

Modern (International) Access & Scaffolding  
[www.modern-access.com](http://www.modern-access.com)

Proficiency Industrial Products  
[www.pipl.com.hk](http://www.pipl.com.hk)

Shing Fung Engineering & Equipment  
[www.hkshingfung.com](http://www.hkshingfung.com)

HUNGARY



Cramo  
[www.cramo.hu](http://www.cramo.hu)



Mateco-Hungária Kft  
www.gepber.hu

## INDIA

Alimak Group India  
alimak.in

CRANEBRAINZ CONSULTANTS, Training Department  
www.cranebainz.com

Haulotte India  
www.haulotte.in

iRise India Private  
www.iriseindia.com

JLG Industries India, India  
www.jlg.com

Manlift India Private  
www.manliftgroup.com

Renault Nissan Automotive India  
www.group.renault.com

Sudhir Power, Access Division  
www.sudhirpower.com

SUNNY PETER VAZ

Trident International Private, Service Department  
www.trident-intl.com

TVH India Private  
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 T/A Global Training Solutions  
www.globaltrainingsolutions.ie

Anderlift Safety Services  
www.anderlift.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

DG Training Academy  
www.dgtrainingacademy.com

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

Laos Hire  
laoshire.com

Lift Hire Ireland  
www.lifhireireland.com

Loxam  
www.loxam.ie

Michael Haslam  
Michael McPhillips

National Training Solutions  
www.nationaltrainingsolutions.ie

OK Tool Hire & Sales  
www.oktoolhire.ie

O'Reilly MEWP Services T/A MEWP Services  
www.mewpservices.com

Patrick Lawlor  
PML Safety

Salus Training Services  
www.salustrainingservices.com

Scannell Safety Services  
www.scannellsafety.com

Stephen Kelly

Stephen Ryan

Steven Slater

Timothy McCann  
asasafetygroup.ie

Tom Callanan

Trade Safety  
www.tradesafety.ie

Versalift (Ireland)  
www.versalift.ie

Wicklow Hire & Sales  
www.wicklowhire.ie

William Hayes

William Keague

William Molloy

## ISLE OF MAN

Hoistline  
www.hoistline.com

## ITALY

Aerotecnica  
www.aerotecnica.it

AIAS  
www.aias-sicurezza.it

Airo by Tigieffe  
www.airo.com

Alimak Group Italy  
alimak.com/Italy

ALMAC  
www.almac-italia.com

Andrea Boldrini  
www.xgroupsrl.com

Andrea Gotti

ANFIA, Gruppo Costruttori e allestitori di PLE  
www.anfia.it

ASIMOV, Attività Scolastica Ispezione Macchine Operatrici Verifiche  
www.asimovsrl.it

ASSODIMI, ASSONOLO, Noleggiatori  
www.assodimi.it

Axolift by Gromet Unipersonale  
gromet.it

Barin  
www.barin.it

BARNABA DELLA TORRE, Istruttore indipendente

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

Certing  
www.certing.org

Ciemme  
www.ciemme-noleggio.it

CMC, Aerial platforms  
www.cmclift.com

Cofiloc  
www.cofiloc.com

COMET OFFICINE, Piattaforme Aeree  
www.officinecomet.com

CTE  
www.ctelift.com

EASY LIFT, Piattaforme Aeree  
www.easy-lift.it

Edilrental Roma  
www.edilrental.it

Electroelsa  
www.electroelsa.com

Elevateur  
www.elevateur.it

ELEVO, Noleggio e Vendita macchine elevatrici  
www.elevo.it

ELLE DUE  
www.elle2.eu

Faraone Industrie  
www.faraone.com

Giancarlo Norcia

Gianfranco Savani  
www.savani.it

Giuliano Bertinelli

GM, Centro Di Formazione  
www.gmnoleggio.it

GSR  
www.gsrspa.it

Haulotte Italia  
www.haulotte.it

Hetronic Italy  
www.hetronic.com

Hinowa  
www.hinowa.com

IMER International, IMER Access  
www.imergroup.com

ISOLI, Piattaforme Aeree  
www.isoli.com

Jacopo Bolpagni

JLG Industries Italia  
www.jlg.com

Leht ConsultingS. di Lorenzo Perino e C., Studio Legale  
www.leht.it

Lift Level, Noleggiatore  
www.liftlevel.com

Loxam Access  
www.loxam.it

MGA di Scarsi Maurizio & Co  
www.mgacarrelilevatori.com

Maber Hoist  
www.maber.eu

Magni Telescopic Handlers  
www.magnith.com

Marco Novindi

Massimiliano Santi

MASSUCCO T.  
www.massuccot.com

Mauro Potrich

Mediapoint & Communications  
www.mediapointsrl.it

Mollo  
www.mollofratelli.com

Multitel Pagliero  
www.pagliero.com

Nicola Gaifami

Nolo Rico  
www.nolorico.it

Nolves, Noleggio E Vendita Elevatori E Piattaforme Aeree  
www.nolves.com

O.MEC  
www.omec.it

Palazzani Industrie  
www.palazzani.it

Palfinger Platforms Italy  
www.palfingerplatformsitaly.it

Paolo Ernesto Rossi

Parmiani noleggi  
www.parmianinoleggi.it

Piattaforme Aeree Formazione SAS di Cantamessa Ezio & Co  
www.paltraining.com

Platform Basket  
www.platformbasket.com

PM Oil & Steel  
www.oilsteel.it

Rental Consulting  
www.rentalconsulting.it

RIMA  
www.rimasp.com

Roberto Geromin

Ruthmann Italia  
www.ruthmann.it

S&T Petrelli, Insurance  
www.assicurazioni sollevamenti.it

SA.MA  
www.samagroupe.com

Sara Trabucchi

Savis Service  
www.savis-service.com

SE.I. Servizi industriali  
www.seiserviziindustriali.it

SETIF  
www.setif-tecnologia.com

SOCAGE  
www.socage.it

Spanset Italia  
www.spanset.it

Tecman  
www.tecman.it

TECNOALT  
www.tecnoalt.it

TECNOCAR  
www.tecnocarsrl.it

TECNOELEVA  
www.tecnoeleva.com

TECNORENT di Marinoni Pierangelo, Officina Assistenza e Noleggio

Terex Italia  
www.terexitalia.com

TVH ITALIA, Ricambi per PLE  
www.tvh.com

VG

Vincenzo Falcone

Werent  
www.werentgroup.com

## JAPAN

Aichi Corporation  
www.aichi-corp.jp

Fuji Kenki Lease Company  
www.fj-kenki.co.jp

Hokutsu Industries Co  
www.airman.co.jp/en

Japan Lift Climber Association  
www.lift-climber.jp

Nagano Industry Co  
www.nagano-i.jp

## KAZAKHSTAN

Rival Equipment Services  
www.rival.kz

## KENYA

Aerial Access Kenya  
www.aerialaccesskenya.com

KAILEYS CONSORTIUM  
www.kailaysconsortium.com

## KOREA, SOUTH

Alimak Group Korea Co  
alimak.co.kr

HA EUN

Korea Crane Association  
cranes.or.kr

Korea Rental Corporation  
www.korearental.co.kr

Renault Samsung Motors Co  
www.group.renault.com

Woolim International Co  
www.wooliminternational.com

## KUWAIT

DAYIM EQUIPMENT RENTAL Co  
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 Rīgas filiāle  
www.ramirent.lv

## LIECHTENSTEIN

Mietlift  
www.mietlift-ag.com

## LITHUANIA

Cramo  
www.cramo.lt

Ramirent Baltic Vilnius filialas  
www.ramirent.lt

Verslo Aljansas UAB  
www.versloaljansas.lt

## MACAU

MING LEUK WONG

## MALAYSIA



Aerial Global  
[www.aerialglobal.com.my](http://www.aerialglobal.com.my)

Aerial Lift & Equipment  
[www.aeriallift.com.my](http://www.aeriallift.com.my)

Alimak Group Malaysia  
[www.alimak.my](http://www.alimak.my)

Aver Asia Rental  
[www.averasia.com](http://www.averasia.com)

BES Industry & Trading  
[www.besindustry.com.my](http://www.besindustry.com.my)

Eastway Engineering  
[www.eastwaygroup.com](http://www.eastwaygroup.com)

Elevated Resources

Equipinc AWP

Keng Guan Skylift  
[www.kengguan.com](http://www.kengguan.com)

Manitou Malaysia MH  
[www.manitou.com](http://www.manitou.com)

Nishio Rent All (M)  
[www.nishio.com.my](http://www.nishio.com.my)

Schmetterling Rental  
[www.thesmtl.com](http://www.thesmtl.com)

Superb Access Solutions  
[www.superb-access.com.my](http://www.superb-access.com.my)

TH Tong Heng Machinery  
[www.thtongheng.com.my](http://www.thtongheng.com.my)

## MEXICO



Aerial Depot

AMMEC Comercial  
[www.ammec.com.mx](http://www.ammec.com.mx)

Crane's Engineering & Operator México  
[www.ceomexico.net](http://www.ceomexico.net)

Edelmira Duvén

GAM ALQUILER MEXICO  
[www.gamrentals.com](http://www.gamrentals.com)

Haulotte Mexico  
[www.haulotte.com.mx](http://www.haulotte.com.mx)

HEMOECO RENTA  
[www.hemoeco.com](http://www.hemoeco.com)

Identificación, Análisis y Administración de Riesgos, IAAR  
[www.iaar.com.mx](http://www.iaar.com.mx)

ISI Rentas – Asesoría y Servicios Industriales, ISI Nuevo León  
[www.isirentas.com](http://www.isirentas.com)

Manlift Servicios  
[www.manliftservicios.com](http://www.manliftservicios.com)

Maquinas Diesel, Madisa  
[www.madisa.com](http://www.madisa.com)

Promotora De Maquinaria De Altamira, PMA  
[www.pmaltamira.mx](http://www.pmaltamira.mx)

PROSIC, Promotora de Servicios Integrales para la Construcción  
[www.prosic.net](http://www.prosic.net)

Prospac  
[www.prospac.com](http://www.prospac.com)

Ramón Padrón Rojas

Rental Lift de Mexico  
[www.rental-lift.com](http://www.rental-lift.com)

SEGAMAC  
[www.segamac.com](http://www.segamac.com)

T MAQUINARIA  
[www.tmaq.mx](http://www.tmaq.mx)

TVH Parts Mexico  
[www.tvhamericas.com/mx](http://www.tvhamericas.com/mx)

Verónica Cruz

## MOROCCO



Adam Industries  
[www.adamindustrie.com](http://www.adamindustrie.com)

Loxam MAROC  
[www.loxam.ma](http://www.loxam.ma)

## MOZAMBIQUE



Equator Equipamentos  
[www.equatormoz.com](http://www.equatormoz.com)

Mainport Training and Inspection  
[www.mainportmozambique.com](http://www.mainportmozambique.com)

## MYANMAR



Aver Asia (Myanmar)  
[www.averasia.com](http://www.averasia.com)

## NETHERLANDS



Ab Velhorst

Acaleph Opleiding, Training en Adviezen  
[www.acaleph.nl](http://www.acaleph.nl)

Access Equipment  
[www.accessequipment.nl](http://www.accessequipment.nl)

Advanced Mobility Services  
[www.advancedmobilityservices.com](http://www.advancedmobilityservices.com)

Alimak Group Benelux  
[www.alimak.nl](http://www.alimak.nl)

BAC Hoogwerker Verhuur  
[www.bachhoogwerkers.nl](http://www.bachhoogwerkers.nl)

Beequip  
[www.beequip.nl](http://www.beequip.nl)

Bert Kleine

Blom Opleidingen  
[www.blomopleidingen.nl](http://www.blomopleidingen.nl)

Boels Verhuur  
[www.boelstraining.com](http://www.boelstraining.com)

Bogdan Poienar

Bosman TSE  
[www.bosmantse.nl](http://www.bosmantse.nl)

Brand Energy & Infrastructure Services  
[www.beis.com](http://www.beis.com)

BT-Opleidingen  
[www.bt-opleidingen.eu](http://www.bt-opleidingen.eu)

BV Industrial Promotions International  
[www.bvi-bv.nl](http://www.bvi-bv.nl)

Collé Safety & Training  
[www.colle.eu](http://www.colle.eu)

Dainius Lucinskis

Doornbos Equipment  
[www.doornbosequipment.com](http://www.doornbosequipment.com)

Eric Klink

Eurosupply Hoogwerksystemen  
[www.eurosupply.net](http://www.eurosupply.net)

Felix van Dijk

Fontexx Cranes & Access  
[www.fontexx.com](http://www.fontexx.com)

Freek Bregman

Gerken Hoogwerker Verhuur  
[www.gerken-hoogwerkers.nl](http://www.gerken-hoogwerkers.nl)

Gjaltema Verhuur  
[www.gjaltema.eu](http://www.gjaltema.eu)

Hans van Gameren

Haulotte Netherlands  
[www.haulotte.nl](http://www.haulotte.nl)

HDW Nederland  
[www.hdw.nl](http://www.hdw.nl)

Height Safety Expert  
[www.heightsafetyexpert.com](http://www.heightsafetyexpert.com)

Henrie Schuurmans

HOC Opleiding & Training  
[www.hoctraining.nl](http://www.hoctraining.nl)

HOCAP  
[www.hocap.nl](http://www.hocap.nl)

Holland Huurt  
[www.hollandhuurt.nl](http://www.hollandhuurt.nl)

Holland Lift International  
[www.hollandlift.com](http://www.hollandlift.com)

Hoogwerker Centrum Nederland  
[www.hoogwerkercentrum.nl](http://www.hoogwerkercentrum.nl)

Hoogwerker Verzekeren  
[www.hoogwerkerverzekeren.nl](http://www.hoogwerkerverzekeren.nl)

Hoogwerkservice  
[www.hoogwerkservice.nl](http://www.hoogwerkservice.nl)

HOOGWERKT  
[www.hoogwerkt.nl](http://www.hoogwerkt.nl)

Hugo Nijenhuis

Huurmaat  
[www.huurmaat.nl](http://www.huurmaat.nl)

HWS Verhuur  
[www.hws.nl](http://www.hws.nl)

JLG EMEA  
[www.jlg.com](http://www.jlg.com)

Jonkman Opleidingen  
[www.jonkmanopleidingen.nl](http://www.jonkmanopleidingen.nl)

Joop Lems

José Rama Arjona

Junior Verhuur  
[www.juniorverhuur.nl](http://www.juniorverhuur.nl)

Kamphuis Hoogwerkers  
[www.kamphuis.nl](http://www.kamphuis.nl)

Kok Verhuur  
[www.kokverhuur.nl](http://www.kokverhuur.nl)

Kornelis Koster

Kors Hoogwerksystemen  
[www.kors-hoogwerksystemen.nl](http://www.kors-hoogwerksystemen.nl)

KTS Kraan- en Truck Service  
[www.kraanentruckservice.nl](http://www.kraanentruckservice.nl)

KWAK Hoogwerker Centrum  
[www.kwak.nl](http://www.kwak.nl)

LGMG Europe  
[www.lgmgeurope.com](http://www.lgmgeurope.com)

Loxam  
[www.loxam.nl](http://www.loxam.nl)

Mammoet Academy  
[www.mammoet.com](http://www.mammoet.com)

Marcel van der Vlist

Mark de Jong

Mateco  
[www.mateco.nl](http://www.mateco.nl)

Maurice Jassies

Mehmet Eski

Michael Renka

NIHOp, Nederlands Instituut Hoogwerker Opleidingen  
[www.nihop.nl](http://www.nihop.nl)

NOLIM Kunststof Rij- en Stempelplaten  
[www.nolim.nl](http://www.nolim.nl)

Nooteboom Trailers  
[www.nooteboom.com](http://www.nooteboom.com)

Özel Opleidingen & Advies  
[www.ozelopleidingen.nl](http://www.ozelopleidingen.nl)

Paul Landsbergen

Peinemann Hoogwerk Systemen  
[www.peinemann.nl](http://www.peinemann.nl)

Peter Meijboom

Peter van der Veen

Pfeifer Rentals  
[www.pfeiferrentals.com](http://www.pfeiferrentals.com)

Piekaar International Trade  
[www.piekaarinternationaltrade.com](http://www.piekaarinternationaltrade.com)

PJH Verhuur  
[www.pjhverhuur.nl](http://www.pjhverhuur.nl)

Pol Hoogwerkers  
[www.pol-hoogwerkers.nl](http://www.pol-hoogwerkers.nl)

PortLinq  
[www.portlinq.nl](http://www.portlinq.nl)

Rhinox  
[www.rhinox-lift.com](http://www.rhinox-lift.com)

Richard van den Broek

Rijnmond Opleidingen & Cursussen  
[www.rijmondopleidingen.nl](http://www.rijmondopleidingen.nl)

Riwal  
[www.riwal.com](http://www.riwal.com)

RIXAX Verhuur  
[www.rifax.nl](http://www.rifax.nl)

Rob van Vliet

SCE-Academy  
[www.sce-academy.nl](http://www.sce-academy.nl)

Siesling Hoogwerker Verhuur  
[www.siesling.nl](http://www.siesling.nl)

Sinoboom  
[www.sinoboom.com](http://www.sinoboom.com)

Smart Platform Solutions  
[www.sps-bv.nl](http://www.sps-bv.nl)

STOOF Service & Onderhoud Hefwerktuigen  
[www.stoof.nu](http://www.stoof.nu)

Ten Wolde Projectbegeleiding  
[www.tbouwplaatsinrichting.nl](http://www.tbouwplaatsinrichting.nl)

Ton Hilderink

Totaallift  
[www.totaallift.nl](http://www.totaallift.nl)

Trainingscentrum Crescendo  
[www.traincrescendo.nl](http://www.traincrescendo.nl)

Van Asten Rescue Trainingen  
[www.vanasten-trainingen.nl](http://www.vanasten-trainingen.nl)

Van Ginke  
[www.vanginkelbv.nl](http://www.vanginkelbv.nl)

Vereniging van Steiger-, Hoogwerk- en Betonbekettingsbedrijven (VSB)  
[www.vsbnetwerk.nl](http://www.vsbnetwerk.nl)

VSVK Verhuur  
[www.vsvk.nl](http://www.vsvk.nl)

V-Tas  
[www.v-tas.nl](http://www.v-tas.nl)

## NEW ZEALAND



Accessman  
[www.accessman.co.nz](http://www.accessman.co.nz)

## NORWAY



Alimak Group Norway

DigiQuip  
[www.digiquip.com](http://www.digiquip.com)

Drammen Lifttulleie  
[www.drammenlift.no](http://www.drammenlift.no)

GANTIC  
[www.gantic.no](http://www.gantic.no)

Instant Norge  
[www.instant.no](http://www.instant.no)

Loxam Norway  
[www.loxam.no](http://www.loxam.no)

Naboen Utleie  
[www.naboen.no](http://www.naboen.no)

## OMAN



Al Sarooj Safety Services  
[www.alsaroojss.com](http://www.alsaroojss.com)

INTEGRATED SAFETY INTERNATIONAL SERVICES  
[www.isafety.co](http://www.isafety.co)

Muscat Overseas Engineering Services Co  
[www.muscatoverseas.com](http://www.muscatoverseas.com)

Oman E Learning, Distance Learning  
[www.omanelearning.com](http://www.omanelearning.com)

Rapid Access, Oman  
[www.rapidaccess-gulf.com](http://www.rapidaccess-gulf.com)

## PAKISTAN



Meraj  
[www.merajlimited.com](http://www.merajlimited.com)

## PERU



Alo Group Perú  
[www.alogroup.pe](http://www.alogroup.pe)

FAST Engenharia e Montagens  
[www.fastengenharia.pe](http://www.fastengenharia.pe)

SK RENTAL  
[www.skrental.com/Peru](http://www.skrental.com/Peru)

UNIMAQ  
[www.unimaq.com.pe](http://www.unimaq.com.pe)

## PHILIPPINES



Earthworx Development Corporation  
[www.earthworxrental.com](http://www.earthworxrental.com)

## POLAND



CityRent  
[www.cityrent.pl](http://www.cityrent.pl)

Cramo  
[www.cramo.pl](http://www.cramo.pl)

Haulotte Polska  
[www.haulotte.pl](http://www.haulotte.pl)

Mateco Podesty Ruchove Sp. z o.o.  
[www.mateco.pl](http://www.mateco.pl)

Riwal Poland  
[www.riwal.com](http://www.riwal.com)

## PORTUGAL



CIFESP  
[www.cifesp.com](http://www.cifesp.com)

Elevek by Ciclo Fapril  
[www.elevek.com](http://www.elevek.com)

Going Up Portugal, Aluguer de Plataformas Elevatórias  
[www.going-up-portugal.pt](http://www.going-up-portugal.pt)

Gonçalo Pereira

Jorge Lozano, Trabalhos Em Altura, Form/Serv Unipessoal  
[www.jorge\\_lozano.pt](http://www.jorge_lozano.pt)

Luis Manuel Lucas Leitão Augusto

Machrent SA  
[www.machrent.pt](http://www.machrent.pt)

Manitou Portugal  
[www.pt.manitou.com](http://www.pt.manitou.com)

Mário Santos

Palfinger Comércio e Aluguer de Máquinas

Petrica Editores, Revista Seguranca  
[www.revistaseguranca.com](http://www.revistaseguranca.com)

Renault Portugal  
[www.group.renault.com](http://www.group.renault.com)

Rúben Santos

SOLUÇÕES OUTDOOR  
[www.solucoesoutdoor.com](http://www.solucoesoutdoor.com)

Transgrua – Transportes, Representações e Aluguer de Equipamentos,  
[www.transgrua.pt](http://www.transgrua.pt)

Transporel, Sociedade Unipessoal  
[www.transporel.pt](http://www.transporel.pt)

TRIFORMIS FORMAÇÃO E CONSULTORIA TECNICA  
[www.triformistecnica.pt](http://www.triformistecnica.pt)

Vertline  
[www.vertline.pt](http://www.vertline.pt)

Vitor Manuel Santos Ribeiro

## QATAR



Dayim Equipment Rental  
[www.hertzequip.qa](http://www.hertzequip.qa)

Doha Petroleum Construction Co (Rapid, Qatar)  
[www.rapidaccess-gulf.com](http://www.rapidaccess-gulf.com)

Enertech Qatar  
[www.enertechqatar.com](http://www.enertechqatar.com)

Manlift Qatar  
[www.manliftgroup.com](http://www.manliftgroup.com)

Qatar Welding and Fabrication Supplies WLL (Q-Fab)  
[www.qfab.com.qa](http://www.qfab.com.qa)

Rumailah Motors  
[www.rumailahgroup.com](http://www.rumailahgroup.com)

Vibrant Consultancy, Safety  
[www.vibrantglobal.org](http://www.vibrantglobal.org)



## ROMANIA



Mateco  
www.smartrent.ro  
Renault Pitesti Manufacture  
www.group.renault.com

## RUSSIA



Alimak Group Russia  
alimak.com  
Haulotte Russia  
www.haulotte.ru  
Renault Russia  
www.group.renault.com  
TVH Russia  
www.tvhrus.ru

## SAUDI ARABIA



Branch of Korea Rental Corporation  
eng.korearental.co.kr  
Dayim Equipment Rental Co  
www.hertzequip.com.sa  
Green World Training Center  
www.greenworldsaudi.com  
MOHAMED AHMED AL QURMAN  
www.mage-sa.com  
NEFT Energies Training Centre  
www.neftenergies.com  
Rapid Saudi Arabia Co  
www.rapidaccess-gulf.com  
Saudi Aramco Nabors Drilling (SANAD)  
www.sanad.com  
Saudi Petroleum Services Polytechnic (SPSP)  
www.spsp.edu.sa  
Saudi Scaffolding Factory  
www.saudiscaffolding.com  
Standard Arabia Inspection Co  
www.standardarabia.com  
Sudhir Equipment Rental Company  
www.sudhirrentals.com  
Tamkene Saudi Training Center  
www.tamkene.com

## SINGAPORE



Alimak Group Hong Kong  
alimak.com  
Alimak Group Singapore  
www.alimak.sg  
Aly Energy Singapore  
www.aly.com.sg  
Avanz Asia  
avanzasia.com  
Aver Asia (Singapore)  
www.averasia.com  
BAHRUM BIN IRAN  
BMS Specialist Training, Training  
www.bmsgroup.com.sg  
BS Technology  
www.bokseng-ipl.com/bst  
Eugene Lau  
Galmon (Singapore)  
www.galmon.com  
Global Training Services  
www.globaltraining.com.sg  
Haulotte Singapore  
www.haulotte.sg  
JP Nelson Access 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  
omni-machinery.com  
Oshkosh-JLG (Singapore) Technology  
Equipment  
www.jlg.com  
Oshkosh-JLG (Singapore) Technology  
Equipment, Malaysia  
www.jlg.com  
PM Oil & Steel Asia  
www.oilsteel.com  
Spiderlift Asia  
www.spiderliftasia.com  
Terex Singapore  
www.terex.com  
Xin Ji Da  
www.xinjida.com.sg

## SLOVENIA



Civis d.o.o  
www.civis.si  
Renault Revoz  
www.group.renault.com

## SOUTH AFRICA



Andrew Reid  
Eazi Access Rental  
www.eazi.co.za  
Goscor Access Solutions  
www.goscorhireach.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/training-centre.aspx

## SPAIN



3M ESPAÑA  
www.3m.com.es/3M/es\_ES/empresas-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 (Grupo Cruz Araba)  
www.displacar.es  
EIDE, Embragatgesi I Derivats  
www.eide.net  
Elevaciones Archipiélago  
www.elevacionesarchipiélago.com  
Escuela Europea de Maquinaria  
www.esuelamaquinaria.es  
Europlataformas 2000  
www.europlataformas.es  
FEMPA  
www.fempa.es  
GAM TRAINING APOYO Y FORMACION,  
EMPRESA DE FORMACION DE GAM ESPAÑA  
SERVICIOS DE MAQUINARAU  
gamrentals.com

Genie Industries Ibérica  
www.genielift.es  
Gruas Roxu SA (PLAAS)  
www.gruasroxa.com  
Haulotte Ibérica  
www.haulotte.com  
IMPLASER 99  
www.implaser.com  
Javier Quintero Saavedra  
JOFEMESA  
www.jofemesa.com  
JOYSAT, JOY SOL-LUCIONS D'AVERIES  
TELESCÓPIQUES  
www.joysat.eu  
Kiloutou España  
www.kiloutou.es  
LOXAMHUNE  
www.hune.com  
LUNARENT MAQUINARIA  
MANITOU MANUTENCION ESPAÑA  
www.manitoucenter.es  
MAQUINARIA ELEVACION XCMG IBERICA  
www.xcmg-iberica.com  
Maquinaria Industrial Santander  
www.mainsapoligruas.com  
Máquinas OPEIN  
opein.com  
Mateco  
www.vamasatecnial.com  
MAXBER (PLATAFORMAS BER)  
www.maxber.com  
PALFINGER IBERICA MAQUINARIA  
www.palfinger.es  
Plataformas Daryat  
www.niftylift.es  
Plataformas Elevadoras JLG Ibérica  
www.jlg.com

Plataformas Elevadoras Maqel  
www.maqel.es

Plataformas Lozano  
www.gruaslozano.com

Plataformas Noain  
www.plataformasnoain.com

Portalada 2006 (Jisuma)  
www.jisuma.com

Renault Spain  
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.es

Talleres Velilla (Movex)  
www.talleresvelilla.com

TGB Group Technologies  
www.tgb-group.com

Total Lifting, MOVICARGA  
www.movicarga.com

TURBOIBER ELEVACIÓN  
www.turboiber.com

TVH IBERICA  
www.tvh.com

Universal Plataformas Aereas  
www.universalplataformas.com

## SWEDEN



Alimak Group Sweden Skellefteå  
alimak.se

Alimak Group Sweden Stockholm  
www.alimak.se

Confirm Education  
www.confirmab.com

Cramo  
www.cramo.com

Haulotte Scandinavia  
www.haulotte.se

Infobric  
www.infobric.se

Kiwa Inspecta  
www.kiwa.com

Riwal Sverige  
www.riwal.se

Stefan Engdahl

## SWITZERLAND



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

Accès & Elévatiq  
www.elevatiq.ch

Alessandro De Paola

Alimak Group Swiss  
alimak.com

ARAG Bau  
www.arag-bau.ch

Avesco Rent  
www.catrental.ch

Axeo  
www.axeo.ch

Blu Wash Service,  
Impresa Pulizie  
www.piddinigr.ch

Boels Rental  
www.boels.ch

Bronto Skylift  
www.bronto.ch

Brügger HbTc  
www.bruegger-hbt.ch

Bruno Leuenberger  
Camillo Vismara  
www.vismara.ch

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

Chevalier Pierre  
www.chevalierp.ch

Daniel Stutz

Driving Graubünden  
www.drivinggraubunden.ch

Hans Beuggert

HMT  
www.hmtag.ch

Imboden Baumaschinen  
www.vermietung-raron.ch

Indupro  
www.indupro.ch

Jardin Suisse, Unternehmervverband  
Gärtner Schweiz  
www.jardinsuisse.ch

Jules Sauter

Kompetenzzentrum für Arbeitssicherheit  
www.komp-zentrum.ch

Lenobag  
www.hebeuehnen-mieten.ch

Loxam, Switzerland  
www.loxam.ch

Mabistar  
www.mabistar.ch

Maltech  
www.maltech.ch

Manutention Et Chariots  
www.manutention.ch

ME Machines Elévatrices  
www.memachines.ch

Michael Rohmeder, C/o Equippo  
www.equippo.com

MIT Sicherheit  
www.mitsicherheit.ch

MORETTI ARBEITSBÜHNEN  
www.moretti-maler.ch

Nacelles  
www.nacelles.ch

NEformation  
www.neformation.com

Neuwerth Logistics  
www.neuwerth.ch

Pascal Florey  
www.florey.ch

Peter Brack  
Peter Lustenberger

Proactively  
www.proactively.io

PROTECTION  
www.protection.ch

rent-it  
www.rentitag.ch

Roger Schaffner

Rosenbauer Schweiz  
www.rosenbauer.com

RS Academy  
www.rsacademy.ch

Ruthmann Schweiz  
www.ruthmann-schweiz.ch/kontakt

SafetyWorks  
www.safetyworks.ch

Sandra Morisoli  
Schweizerisches Kompetenzzentrum hfs  
www.skz-hfs.ch

Sécurité Industrie  
www.securite-industrie.ch

Senn  
www.sennag.ch

Simon Inniger

SkyAccess  
www.skyaccess.ch

SpanSet  
www.spanset.ch

STAPLERMAXX BÄRTSCHIGER  
www.staplermaxx.ch

Stirnmann  
www.stirnmann.ch

SVBL  
www.svbl.ch

Swiss Logistics Academy  
www.sulsergroup.ch

Swiss LT  
www.swisslt.ch

SWISSécurité & Formation  
www.swisssecurite.ch

TCFT Trainingscenter Fördertechnik  
www.tcft.ch

Toggenburger & Co  
www.toggenburger.ch

UP  
www.upag.ch

Verkehrszentrum Tuggen  
www.verkehrszentrum.ch

Würth Innovation  
www.wuerth-innovation.ch

## TAIWAN

Ta Yeou Kao Kong Enterprise Co  
www.tayeou.com.tw

## THAILAND



Fivebond Co  
www.fivebond.com

# IPAF MEMBERS

All individual IPAF members named as of end of December 2021  
See current list at [ipaf.org](http://ipaf.org)

Southern MTS Co  
[www.southernMTS.com](http://www.southernMTS.com)

## TRINIDAD AND TOBAGO

Heavy Equipment Technical Training Institute  
[www.facebook.com/heavyequipschool](http://www.facebook.com/heavyequipschool)

## TURKEY

ACR PLATFORM VE MAKINA  
KIRALAMA HIZMETLER

[www.rentrise.com.tr](http://www.rentrise.com.tr)

ENKA Insaat ve San  
[www.enka.com](http://www.enka.com)

IMDER/ISDER

[www.isder.org.tr](http://www.isder.org.tr)

Istanbul Vinç Nakliyat Sanayi ve Ticaret Stl.  
[www.istanbulvinc.com](http://www.istanbulvinc.com)

Mak-Ser Makina  
[www.makserplatform.com](http://www.makserplatform.com)

MRT Makina  
[www.mrtmakina.com.tr](http://www.mrtmakina.com.tr)

PLATFORMER

[www.platformer.org.tr](http://www.platformer.org.tr)

Renault Oyak

[www.group.renault.com](http://www.group.renault.com)

Vertikal Makine Sanayi Ve Ticaret  
[www.vertikal.com.tr](http://www.vertikal.com.tr)

## UNITED ARAB EMIRATES

Access Hire Middle East  
[www.accesshiremiddleeast.com](http://www.accesshiremiddleeast.com)

Access Rental Gulf  
[www.accessrental-gulf.com](http://www.accessrental-gulf.com)

Action International Services  
[www.action-is.com](http://www.action-is.com)

AJI Heavy Equipment Rental  
[www.ajirentals.com](http://www.ajirentals.com)

Al Laith Scaffolding  
[www.allaith.com](http://www.allaith.com)

ARABIAN BUREAU OF SERVICES  
[www.abosad.com](http://www.abosad.com)

ASDI Equipment & Machinery Rentals  
[www.asdigroup.com](http://www.asdigroup.com)

Bureau Link Safety Management Consultancy  
[www.blsmcglobal.com](http://www.blsmcglobal.com)

Byrne Equipment Rental  
[www.byrnerental.com](http://www.byrnerental.com)

Chess Safety Training  
[www.chesssystems.com](http://www.chesssystems.com)

Darren Williams  
[www.height.ae](http://www.height.ae)

Dynavative Indo Veritas Safety  
Services Sole Proprietorship  
[www.indoveritas.com](http://www.indoveritas.com)

Etihad Airways  
[www.etihad.com](http://www.etihad.com)

Euro Gulf Safety Consultant  
[www.egsc.ae](http://www.egsc.ae)

Genavco Hire & Sales  
[www.genavco.com](http://www.genavco.com)

Grako  
[www.grakonet.com](http://www.grakonet.com)

Halo 4 Safety  
[www.haulotte.ae](http://www.haulotte.ae)

Instant Access For Sales and Rental  
of Construction Equipment  
[www.instantaccess-co.com](http://www.instantaccess-co.com)

INTEK Safety Consultancies  
[www.inteksafety.com](http://www.inteksafety.com)

J S P  
[www.jsp.co.uk](http://www.jsp.co.uk)

Johnson Arabia  
[johnsonarabia.com](http://johnsonarabia.com)

Manlift Middle East  
[www.manliftgroup.com](http://www.manliftgroup.com)

Mirdif Security and Safety Consultants  
[www.mirdifsecurity.com](http://www.mirdifsecurity.com)

Nabors Drilling International Gulf, HSE Training  
[www.nabors.com](http://www.nabors.com)

Oshkosh Arabia FZE (JLG Industries)  
[www.jlgeurope.com](http://www.jlgeurope.com)

Platforms  
[platformsme.com](http://platformsme.com)

Rapid Access  
[www.rapidaccess-gulf.com](http://www.rapidaccess-gulf.com)

Safelift  
[www.safelift-gulf.com](http://www.safelift-gulf.com)

Save Fast Fire and Safety Training  
[www.sfast.ae](http://www.sfast.ae)

SGS Gulf  
[www.sgs-me.com](http://www.sgs-me.com)

Sudhir Equipments Rental  
[www.sudhirrentals.ae](http://www.sudhirrentals.ae)

Terex Middle East  
[www.genielift.com](http://www.genielift.com)

TUV NORD, Lifting Division  
[www.tuvme.com](http://www.tuvme.com)

TVH Forklift Parts  
[www.tvh.com](http://www.tvh.com)

Velosi Certification Services  
[www.applusvelosi.com](http://www.applusvelosi.com)

William Boyd Davie  
SGB Quebeishi-Harsco Infrastructure

## UNITED KINGDOM

1 Up Access  
[www.1upaccess.co.uk](http://www.1upaccess.co.uk)

1COLD  
[www.1cold.com](http://www.1cold.com)

1st Choice High Level Cleaning  
& Maintenance  
[www.highlevelcleaning.com](http://www.highlevelcleaning.com)

2 Cousins Powered Access, Two Cousins  
Powered Access  
[www.2cousins.co.uk](http://www.2cousins.co.uk)

2 Start Training  
[www.2start-training.com](http://www.2start-training.com)

A & L Cleaning Contractors  
[www.alcleaning.com](http://www.alcleaning.com)

Access & Lifting Services  
[www.accessandliftingservices.com](http://www.accessandliftingservices.com)

Access All Areas Platforms  
[www.accessallareasplatforms.com](http://www.accessallareasplatforms.com)

Access Hire Nationwide  
[www.accesshirenationwide.com](http://www.accesshirenationwide.com)

Access Platform Sales (Huntingdon)  
[www.accessplatforms.co.uk](http://www.accessplatforms.co.uk)

Access Platforms Aberdeen  
[www.accessaberdeen.com](http://www.accessaberdeen.com)

Access Service & Repair  
[www.access-platforms.com](http://www.access-platforms.com)

Access Services (Scotland)  
[www.scotaccess.co.uk](http://www.scotaccess.co.uk)

Access Towers Services  
[www.access Towersgroup.co.uk](http://www.access Towersgroup.co.uk)

Access Training East Anglia

Acorn Lighting Services  
[www.acornlighting.com](http://www.acornlighting.com)

Active Access  
[www.activeaccess.co.uk](http://www.activeaccess.co.uk)

Adam Bennett-Bull

Adapt (UK) Training Services  
[www.adapt-training.co.uk](http://www.adapt-training.co.uk)

Adastra Access  
[www.adastra-access.co.uk](http://www.adastra-access.co.uk)

Adept Training Services  
[www.adept-training-services-ltd.mytrainingwebsite.co.uk](http://www.adept-training-services-ltd.mytrainingwebsite.co.uk)

Advanced Access Platforms  
[www.advancedaccessplatforms.co.uk](http://www.advancedaccessplatforms.co.uk)

AFI-Uplift  
[www.afi-uplift.co.uk](http://www.afi-uplift.co.uk)

Airborne Industrial Services  
[www.skillstec.co.uk](http://www.skillstec.co.uk)

Alan Barker T/a SkillsTec  
[www.skillstec.co.uk](http://www.skillstec.co.uk)

Alan Thomas Laurie

Alfa Access Services  
[www.alfa-access-services.com](http://www.alfa-access-services.com)

Alimak Group UK  
[www.alimak.co.uk](http://www.alimak.co.uk)

Alistair Ladds

Alliance Learning Training  
[www.alliancelearning.com](http://www.alliancelearning.com)

Allied Mast Climbers  
[www.alliedaccess.co.uk](http://www.alliedaccess.co.uk)

Alpha Safety Training  
[www.alphasafety.co.uk](http://www.alphasafety.co.uk)

ALS Safety  
[www.alsafety.co.uk](http://www.alsafety.co.uk)

Andrew George Thompson

Andrew Kingston

Andrew Sutton

Anglesey Safety Training  
[www.angleseysafetytraining.co.uk](http://www.angleseysafetytraining.co.uk)

Anglia Access Platforms  
[www.angliaaccess.co.uk](http://www.angliaaccess.co.uk)

Anthony Campana

Anthony James Kidger

Antony Small

AON UK  
[www.aon.com](http://www.aon.com)

Apex Developments  
[www.apexroofingcontracts.co.uk](http://www.apexroofingcontracts.co.uk)

Apollo Cradles  
[www.apollocradles.co.uk](http://www.apollocradles.co.uk)

ARC Training (UK)  
[www.arc-training.com](http://www.arc-training.com)

Armistead Engineering Services  
[armisteadengineeringservices.co.uk](http://armisteadengineeringservices.co.uk)

Ashbrook (Warrington)  
[www.ashbrook.ltd](http://www.ashbrook.ltd)

Ashley Pearce

Astley Hire  
[www.astleyhiretraining.co.uk](http://www.astleyhiretraining.co.uk)

ATP Access Platforms  
[www.atpaccesshire.co.uk](http://www.atpaccesshire.co.uk)

Aurelia  
[www.aureliatraining.co.uk](http://www.aureliatraining.co.uk)

Autec Training  
[www.autec.co.uk](http://www.autec.co.uk)

Award Training Services  
[www.awardtraining.co.uk](http://www.awardtraining.co.uk)

Balloon Hire Centres  
[www.balloonhire.com](http://www.balloonhire.com)

Banner Plant  
[www.bannerplant.co.uk](http://www.bannerplant.co.uk)

Barry John Davies T3Training

Barry Training Services  
[www.barrytrainingservices.co.uk](http://www.barrytrainingservices.co.uk)

BATTERY SERVICE HUB  
[www.battery-servicehub.com](http://www.battery-servicehub.com)

Beach Display  
[www.beachdisplay.com](http://www.beachdisplay.com)

Belfast Skills Development  
[www.bsdrtraining.com](http://www.bsdrtraining.com)

Benjamin D Roberts

Benjamin Ovens

BFT Mastclimbing  
[www.bftmastclimbing.com](http://www.bftmastclimbing.com)

BJB Lift Trucks  
[www.bjblifttrucks.co.uk](http://www.bjblifttrucks.co.uk)

Blade Access  
[bladeaccess.co.uk](http://bladeaccess.co.uk)

Blast Access Engineering  
[www.accessengineering.co.uk](http://www.accessengineering.co.uk)

Bolton Hire And Training  
[www.boltonhireandtraining.co.uk](http://www.boltonhireandtraining.co.uk)

Boss Training  
[www.bosstraining.co.uk](http://www.bosstraining.co.uk)

Brad Daniel

Braddan Plant Hire  
[www.braddanplanthire.com](http://www.braddanplanthire.com)

Brand Energy & Infrastructure  
Services UK T/A SGB  
[www.sgb.co.uk](http://www.sgb.co.uk)

Brendan Madden

Brian Phillips

Briggs Equipment UK  
[trainingnorth.briggsequipment.ie](http://trainingnorth.briggsequipment.ie)

Britannia Safety and Training  
[www.britanniaits.com](http://www.britanniaits.com)

Brogan Group (UK) T/A Brogan Group  
[www.brogangroup.com](http://www.brogangroup.com)

Bronto Skylift UK  
[www.brontoskylift.com](http://www.brontoskylift.com)

Buildings 2 Clean  
[www.buildings2clean.co.uk](http://www.buildings2clean.co.uk)

C & G Services (Europe)  
[www.gettrained.co.uk](http://www.gettrained.co.uk)

Cahill Welding Services  
[www.cahillwelding.co.uk](http://www.cahillwelding.co.uk)

Cannon Access  
[www.cannonaccess.co.uk](http://www.cannonaccess.co.uk)

Carlugh Muldoon

Central Training Services  
[www.central-training.co.uk](http://www.central-training.co.uk)

Certora Training  
[www.mentortrainingsolutions.co.uk](http://www.mentortrainingsolutions.co.uk)

Certs Assured Training  
[training.certsassured.com](http://training.certsassured.com)

Charles Wilson Engineers  
[www.cwplant.co.uk](http://www.cwplant.co.uk)

Cherry Picker Shop  
[www.cherrypickershop.com](http://www.cherrypickershop.com)

Chris Gilling

Chris Knott

Chris Thornhill

Chris Wraith  
[www.accesssafety.co.uk](http://www.accesssafety.co.uk)

Christopher Banks

Christopher Mayne

CIVCONS DESIGN  
[www.civconsdesign.com](http://www.civconsdesign.com)

CJ Access Services  
[www.cjaccess.co.uk](http://www.cjaccess.co.uk)

Claude Fenton (Plant Hire)  
[www.fentonplant.co.uk](http://www.fentonplant.co.uk)

Cleanbrite (UK)  
[www.cleanbrite.co.uk](http://www.cleanbrite.co.uk)

Clear View Access  
[clearviewaccess.net](http://clearviewaccess.net)

Clements Plant & Tool Hire  
[www.clementsplant.co.uk](http://www.clementsplant.co.uk)

Clive Newlin, C/o Essential Access

Commhoist  
[www.commhoist.co.uk](http://www.commhoist.co.uk)

Construction And Plant Training Services  
[cpsc-training-courses.co.uk](http://cpsc-training-courses.co.uk)

Construction Development Centre  
[www.cdc.org.uk](http://www.cdc.org.uk)

Construction News, EMAP  
[www.cnplus.co.uk](http://www.cnplus.co.uk)

Contour Training  
[www.contourtraining.com](http://www.contourtraining.com)

Cox Hire  
[www.coxhire.co.uk](http://www.coxhire.co.uk)

Craig John Gorton

CTE UK  
[www.cte-uk.co.uk](http://www.cte-uk.co.uk)

Cumberland Platforms T/a CPL  
[www.cpl-ltd.com](http://www.cpl-ltd.com)

Damian Edge

Darren Clark

Darren John Brady

Darren Verschuren,  
SPC Training & Consultancy

Darron James Robson

DATATAG ID  
[www.datatag.co.uk](http://www.datatag.co.uk)

David Allingham

David Brian Smith

David Crichton

David Treacher

David William Mole

Davis Access  
[www.davisaccess.co.uk](http://www.davisaccess.co.uk)

De Lage Landen Leasing  
[www.delagelanden.com](http://www.delagelanden.com)

Debbie Lewis

Dene Hazelwood

Derry Knox

DS INTERNATIONAL TRAINING  
[www.ds-training.co.uk](http://www.ds-training.co.uk)

Eagle Platforms  
[www.eagleplatforms.com](http://www.eagleplatforms.com)

Eastern Counties Access Solutions  
[www.ecaccessolutions.com](http://www.ecaccessolutions.com)

Easy2Reach.co.uk  
[www.easy2reach.co.uk](http://www.easy2reach.co.uk)

Edward Reast

Elavation  
[www.elavation.net](http://www.elavation.net)

Elev8 Access Platforms  
[www.elev8hire.com](http://www.elev8hire.com)

Elevation Training & Development  
[www.elevationtraining.co.uk](http://www.elevationtraining.co.uk)

Enigma Industrial Services  
[www.enigmaindustrialservices.com](http://www.enigmaindustrialservices.com)

Ermin Plant (Hire & Services)  
[www.erm.in.co.uk](http://www.erm.in.co.uk)

Essex Construction Training  
[www.ec-training.co.uk](http://www.ec-training.co.uk)

Ethos Facilities  
[www.ethosfacilities.co.uk](http://www.ethosfacilities.co.uk)

Euan Collins

Euraccess  
[www.euraccess.co.uk](http://www.euraccess.co.uk)

Excell Lift Truck Training  
[excelltraining.co.uk](http://excelltraining.co.uk)

Expedient Training Services  
[www.expedient-training.co.uk](http://www.expedient-training.co.uk)

Express Transport (UK)  
[www.expresstransportuk.com](http://www.expresstransportuk.com)

Factory Plant Associates  
[www.factoryplantassociates.co.uk](http://www.factoryplantassociates.co.uk)

Fife Council, Skills Development Centre  
[www.fifedirect.org.uk/hscourses](http://www.fifedirect.org.uk/hscourses)

Findlay Lauchlan General  
Contractor T/a Access Only  
[www.flpropertyservices.com](http://www.flpropertyservices.com)

First Insurance Solutions  
[www.firstins.co.uk](http://www.firstins.co.uk)

Forcegroup Training Services  
[www.forcegrouptraining.co.uk](http://www.forcegrouptraining.co.uk)



Francis James Gooch

Frank Huish

G H Training

Gamble Training Services  
[www.gambletraining.co.uk](http://www.gambletraining.co.uk)

Gardner Denver  
[www.gdpoweredaccess.com](http://www.gdpoweredaccess.com)

Gary Acton

Gary Martin Brown

Gary Rogers

GB Access Platforms  
[www.gbaccessplatforms.co.uk](http://www.gbaccessplatforms.co.uk)

Gen II Training & Technology  
[www.gen2.ac.uk](http://www.gen2.ac.uk)

General Survey  
[www.generalsurvey.co.uk](http://www.generalsurvey.co.uk)

Genie UK  
[www.genielift.co.uk](http://www.genielift.co.uk)

Geoffrey Carr

Global FLT  
[www.globalflt.com](http://www.globalflt.com)

Graham Hope

Graham Robinson

Grant John Bohm

Greens The Signmakers  
[www.greens-signmakers.co.uk](http://www.greens-signmakers.co.uk)

Gregory Dean Ball

Griffiths Hire Shops  
[www.griffithshireshops.co.uk](http://www.griffithshireshops.co.uk)

GT Access  
[www.gtaccess.co.uk](http://www.gtaccess.co.uk)

GTM Heavy Rentals  
[www.gtmheavyrentals.com](http://www.gtmheavyrentals.com)

Gunn JCB  
[www.gunn-jcb.com](http://www.gunn-jcb.com)

Gwynedd Forklifts  
[www.gwyneddforlifts.com](http://www.gwyneddforlifts.com)

HADLEY ACCESS  
[www.hadleyscaffolding.com](http://www.hadleyscaffolding.com)

Halifax Rack & Screw Cutting Co  
[www.hrs-ccl.co.uk](http://www.hrs-ccl.co.uk)

Harrington Safety  
[www.harringtonsafety.co.uk](http://www.harringtonsafety.co.uk)

Harris Safety Training Services  
[www.harrissafetytrainingservices.co.uk](http://www.harrissafetytrainingservices.co.uk)

Hartlepool Training  
[www.hartlepooltraining.co.uk](http://www.hartlepooltraining.co.uk)

Haulotte UK  
[www.haulotte.com](http://www.haulotte.com)

Health & Safety Training  
[www.hst.uk.com](http://www.hst.uk.com)

Height for Hire (Safety Training) UK  
[www.heightforhire.com](http://www.heightforhire.com)

Height for Hire  
[www.heightforhire.com](http://www.heightforhire.com)

Height, Lift & Shift (HLS)  
[www.hls.co](http://www.hls.co)

Heightsafe Systems  
[www.heightsafesystems.com](http://www.heightsafesystems.com)

Heyrod Construction  
[www.heyrod.co.uk](http://www.heyrod.co.uk)

High Reaching Solutions  
[www.highreachingolutions.co.uk](http://www.highreachingolutions.co.uk)

Higher Access  
[www.higheraccess.co.uk](http://www.higheraccess.co.uk)

Higher Safety & Training Solutions  
[www.highersafetytrainingsolutions.co.uk](http://www.highersafetytrainingsolutions.co.uk)

Highline Electrical  
[www.highlineelectrical.co.uk](http://www.highlineelectrical.co.uk)

Hird  
[www.hird.co.uk](http://www.hird.co.uk)

Hire Access Platforms  
[www.hireaccessplatformstld.co.uk](http://www.hireaccessplatformstld.co.uk)

HIRE AND SUPPLIES  
[www.hireandsupplies.com](http://www.hireandsupplies.com)

Hire Safe Solutions  
[www.hiresafesolutions.com](http://www.hiresafesolutions.com)

Hire Station  
[www.brandontoolhire.co.uk](http://www.brandontoolhire.co.uk)

HLA Services  
[www.hlaservices.co.uk](http://www.hlaservices.co.uk)

Homer Roofing (UK)  
[www.homer-hire.co.uk](http://www.homer-hire.co.uk)

Horizon Platforms  
[www.horizonplatforms.co.uk](http://www.horizonplatforms.co.uk)

HSS Hire Service Group  
[www.hsstraining.com](http://www.hsstraining.com)

HSS Training  
[www.hsstraining.com](http://www.hsstraining.com)

Hutcheon Examination Services  
[www.hesluk.com](http://www.hesluk.com)

Hydraulic Generators  
[www.hydraulicgenerators.co.uk](http://www.hydraulicgenerators.co.uk)

Ian André Reynolds

Ian Cameron McCowan

Ian Holt

IAS Dundee  
[www.iasdundeelimited.co.uk](http://www.iasdundeelimited.co.uk)

Impact Restoration  
[www.impactrestoration.uk](http://www.impactrestoration.uk)

Independent Pest Control & Hygiene Services  
[www.independentpestcontrol.co.uk](http://www.independentpestcontrol.co.uk)

Industrial Access Systems  
[www.indaccess.co.uk](http://www.indaccess.co.uk)

Industry Training Services  
[www.industrytrainingservices.com](http://www.industrytrainingservices.com)

inspHire  
[www.inspHire.com](http://www.inspHire.com)

Ion Man  
[www.ionman.co.uk](http://www.ionman.co.uk)

ISIS Property Services  
[www.is-is.co.uk](http://www.is-is.co.uk)

J & D Pierce (Contracts)  
[www.jdpierce.co.uk](http://www.jdpierce.co.uk)

J & J Training Services  
[www.jjtrainingservices.co.uk](http://www.jjtrainingservices.co.uk)

J G Martin Plant Hire T/a Martin Plant Hire  
[www.martinplanhire.co.uk](http://www.martinplanhire.co.uk)

J V Price  
[www.jvprice.co.uk](http://www.jvprice.co.uk)

Jackson Mechanical Services (UK) T/a JMS  
[www.jms-access.co.uk](http://www.jms-access.co.uk)

James Darnley

James Palmer

Jamie Pearson

Jason Francis

Jason Stuart

JC DRYLINING (LONDON)  
[www.facebook.com/jcdrylining](http://www.facebook.com/jcdrylining)

JCB Access  
[www.jcb.com](http://www.jcb.com)

JCB Finance  
[www.jcb-finance.com](http://www.jcb-finance.com)

JJ Training (UK)  
[www.jjtraininguk.com](http://www.jjtraininguk.com)

JLG Industries (UK)  
[www.jlg.com](http://www.jlg.com)

JLR Training T/a The Training Society  
[www.thetrainingsociety.co.uk](http://www.thetrainingsociety.co.uk)

JMC Services (HIGHVAC Cleaning & Maintenance)  
[www.highvac.co.uk](http://www.highvac.co.uk)

John Beech  
[www.beech-group.co.uk](http://www.beech-group.co.uk)

John Edward Wilcock

John Harrison

John Westwood

John William Beech

JPS Platforms  
[www.jpstoolandaccess.co.uk](http://www.jpstoolandaccess.co.uk)

JWP Training

Kaizen Contract Services  
[www.kaizengroup.co.uk](http://www.kaizengroup.co.uk)

Kardon Kontracts  
[www.kardonkontracts.com](http://www.kardonkontracts.com)

Karl McCarthy

KDM Hire  
[www.kdmhire.com](http://www.kdmhire.com)

Kentec Training  
[www.kentectraining.co.uk](http://www.kentectraining.co.uk)

Kevin Blakey

Kevin Hayes

KHL Group  
[www.khl.com](http://www.khl.com)

Kieran Binns

Kingfisher Access  
[www.kingfisheraccess.com](http://www.kingfisheraccess.com)

Kingscote t/a Webbs Training Services  
[www.webbs-training.com](http://www.webbs-training.com)

KNT Training  
[www.knt-training.co.uk](http://www.knt-training.co.uk)

Konecranes Demag UK  
[www.konecranes.co.uk](http://www.konecranes.co.uk)

LaddersFree  
[www.laddersfree.co.uk](http://www.laddersfree.co.uk)

Lancaster Training Services  
[www.lantrain.co.uk](http://www.lantrain.co.uk)

LAS Plant  
[www.lasplant.co.uk](http://www.lasplant.co.uk)

Lawson's Training Centre  
[www.lawsonstraining.co.uk](http://www.lawsonstraining.co.uk)

Learning for Hire  
[www.learningforhire.com](http://www.learningforhire.com)

Lee Knight

Lee Pendle

Leeds Commercial t/a LC Vehicle Hire  
[www.leedscommercial.co.uk](http://www.leedscommercial.co.uk)

Liebherr Great Britain  
[www.liebherr.com](http://www.liebherr.com)

Liftright Access  
[www.liftrightaccess.com](http://www.liftrightaccess.com)

LJS Training Services  
[www.ljstrainingservices.com](http://www.ljstrainingservices.com)

Lolex  
[www.lolex.ltd](http://www.lolex.ltd)

London Hoist  
[www.londonhoist.co.uk](http://www.londonhoist.co.uk)

Long Haul Drivers  
[www.longhauldrivers.co.uk](http://www.longhauldrivers.co.uk)

LTC Powered Access  
[www.ltaccess.co.uk](http://www.ltaccess.co.uk)

LTC Training Services  
[www.ltctrainingservices.co.uk](http://www.ltctrainingservices.co.uk)

LTS TRAFFIC MANAGEMENT  
[www.ltstraffictmanagement.co.uk](http://www.ltstraffictmanagement.co.uk)

M & J Engineers  
[www.mjhire.co.uk](http://www.mjhire.co.uk)

M Womack  
[www.womackaccess.co.uk](http://www.womackaccess.co.uk)

Mace Industries  
[www.maceindustries.co.uk](http://www.maceindustries.co.uk)

Macey (MDT)

Mainline (1982)  
[www.mainline-hire.co.uk](http://www.mainline-hire.co.uk)

Manitou UK  
[www.manitou.com](http://www.manitou.com)

Mark Antony Smith

Mark Barnett

Mark Elliott  
[www.cdlighting.co.uk](http://www.cdlighting.co.uk)

Mark One Hire  
[www.mark1training.co.uk](http://www.mark1training.co.uk)

Mark Osborne

Mark Symonds

Martin Charles Gerrard Wright

Martin King

Martin Ludkins

Martin Priest

Martyn Brown

Matthew Dunn

MCS Global  
[www.mcs.co.uk](http://www.mcs.co.uk)

ME HIRE TRAINING

MECsafe  
[www.mecsafeco.uk](http://www.mecsafeco.uk)

Media Powerhouse  
[www.media-powerhouse.com](http://www.media-powerhouse.com)

Merlo UK  
[www.merlo.co.uk](http://www.merlo.co.uk)

MHA Training  
[www.mhatraining.co.uk](http://www.mhatraining.co.uk)

Michael Hewish

Michael Keith Shakespeare

Loyal Training Services

Michael Lockton

Michael Malcolm

Michael McGovern

Michael Pitt

Michael Sands

Mid Glamorgan Fork Truck Training Services  
[www.midglam-forktruck-training.co.uk](http://www.midglam-forktruck-training.co.uk)

Midland Access Platforms  
[www.midlandaccessplatforms.co.uk](http://www.midlandaccessplatforms.co.uk)

MJE High Level Cleaning

MODERN HOUSES BUILDING CONTRACTORS

Moors Contract Cleaners  
[www.moorscontractcleaners.co.uk](http://www.moorscontractcleaners.co.uk)

Mr Access Nationwide T/A Mr Access UK  
[www.mraccessuk.com](http://www.mraccessuk.com)

Mr Plant Hire  
[www.mrplanthire.co.uk/training](http://www.mrplanthire.co.uk/training)

MV & Sons Training Services  
[www.mv-forklifttraining.co.uk](http://www.mv-forklifttraining.co.uk)

Napier Bros Eng

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National Auditing and Training  
[www.nattd.co.uk](http://www.nattd.co.uk)

National Construction College  
[www.nationalconstructioncollege.co.uk](http://www.nationalconstructioncollege.co.uk)

National Platforms  
[www.nationalplatforms.co.uk](http://www.nationalplatforms.co.uk)

National Safety Training Services  
[www.nationalsafetytraining.co.uk](http://www.nationalsafetytraining.co.uk)

Nationwide Platforms  
[www.nationwideplatforms.co.uk](http://www.nationwideplatforms.co.uk)

NCIS

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Network Safety  
[networksafety.ispringmarket.eu](http://networksafety.ispringmarket.eu)

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Niftylift  
[www.niftylift.com](http://www.niftylift.com)

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NIS Training  
[www.nistraining.co.uk](http://www.nistraining.co.uk)

Norco Group  
[www.norcoenergy.com](http://www.norcoenergy.com)

North East Access Training  
[www.northeastaccessstraining.co.uk](http://www.northeastaccessstraining.co.uk)

North Warwickshire and South Leicestershire College  
[www.nwslc.ac.uk](http://www.nwslc.ac.uk)

Northern Safety  
[www.northernstafetyltd.co.uk](http://www.northernstafetyltd.co.uk)

NPS Health Safety & Environment

NSS Hire  
[www.nssgroup.com](http://www.nssgroup.com)

N-Trusted  
[www.n-trusted.com](http://www.n-trusted.com)

Oakbarn Training  
[www.poweredaccessstraining.co.uk](http://www.poweredaccessstraining.co.uk)

One Stop Hire  
[www.onestophire.com](http://www.onestophire.com)

Onestop Access (Scotland)  
[www.onestopaccessequipment.co.uk](http://www.onestopaccessequipment.co.uk)

Openreach  
[www.btplc.com](http://www.btplc.com)

Operator Training Services  
[www.operatortrainingservices.co.uk](http://www.operatortrainingservices.co.uk)

Optimum Training  
[www.optimumtrainingltd.co.uk](http://www.optimumtrainingltd.co.uk)

Ord Industrial and Commercial Supplies  
[www.ordgroup.com](http://www.ordgroup.com)

Ormerod Management Services (T/as OMS)  
[www.oms.uk.com](http://www.oms.uk.com)

OTJ Training  
[www.otjtraining.com](http://www.otjtraining.com)

P B Training Services  
[www.pbtrainingservices.co.uk](http://www.pbtrainingservices.co.uk)

P Chalk T/a Orion Access Services  
[www.orionaccess.co.uk](http://www.orionaccess.co.uk)

Palfinger UK  
[www.palfinger.co.uk](http://www.palfinger.co.uk)

Palmer Access  
[www.palmeraccess.co.uk](http://www.palmeraccess.co.uk)

Paneless Services  
[www.paneless-services.co.uk](http://www.paneless-services.co.uk)

Paul Adorian Associates  
[www.pac.uk.com](http://www.pac.uk.com)

Paul Devlin

Paul Duggan, C/o Minster Studies

Paul Maxwell

Paul Nugent

Paul Russell Green

Paul Sandham, C/O UK Safety Training & Consultancy

Paul Woodhead

Peter Fannan

PFI Training  
[www.pfitraining.co.uk](http://www.pfitraining.co.uk)

PG Platforms  
[www.pgplatforms.co.uk](http://www.pgplatforms.co.uk)

PHD Hoists & Masts  
[www.phdhm.com](http://www.phdhm.com)

Philip Guy Reddy

Philip James Birch

Phillip Michael White

Planet Platforms  
[www.planetplatforms.co.uk](http://www.planetplatforms.co.uk)

Plantool  
[www.hirecentres.com](http://www.hirecentres.com)

Platform Service and Repair (PSR)  
[www.platformservicerepair.co.uk](http://www.platformservicerepair.co.uk)

Platinum Management Solutions T/A Platinum Training Services  
[www.platinumtrainingservices.co.uk](http://www.platinumtrainingservices.co.uk)

Point of Rental Software  
[www.higherconcept.co.uk](http://www.higherconcept.co.uk)

Pop-Up Products  
[www.popupproducts.co.uk](http://www.popupproducts.co.uk)

Power Platform Services  
[www.m25pps.co.uk](http://www.m25pps.co.uk)

Powered Licence Training

Premier Platforms  
[www.premier-platforms.co.uk](http://www.premier-platforms.co.uk)

Progress Cleaning Services  
[www.progresscleaningservices.co.uk](http://www.progresscleaningservices.co.uk)

Promax Access  
[www.promaxaccess.com](http://www.promaxaccess.com)

Prospero Facilities Services  
[www.strandgroup.im](http://www.strandgroup.im)

PRS Hire Services  
[www.prshealthandsafety.co.uk](http://www.prshealthandsafety.co.uk)

Quick Reach Powered Access  
[www.quick-reach.co.uk](http://www.quick-reach.co.uk)

R Vale Roofing  
[www.rvaleflatroofing.co.uk](http://www.rvaleflatroofing.co.uk)

Raymond Crooke

Reuben Bowers

Rex Tuckey

RF Lifting & Access  
[www.rflifting.co.uk](http://www.rflifting.co.uk)

Richard Dainty

Richard Pinner

Richard Stoner, Broadland Access Training

Ritchies HGV Training Centre  
[www.ritchiestraining.co.uk](http://www.ritchiestraining.co.uk)

Rival UK  
[www.rival.co.uk](http://www.rival.co.uk)

RMT Access  
[www.rm1accessservices.co.uk](http://www.rm1accessservices.co.uk)

Robert Flavell

Robert Jamieson

Robert McKinnon Wright

Robin King

Rockcastle T/a AER Access  
[www.aeraccess.co.uk](http://www.aeraccess.co.uk)

Rocket Rentals  
[www.rocketrentals.co.uk](http://www.rocketrentals.co.uk)

Roger Venthen, Consultant Advent Services

Roy Foster

RS Industrial Services  
[www.rsis.co.uk](http://www.rsis.co.uk)

RSC Training  
[www.rsc-training.co.uk](http://www.rsc-training.co.uk)

Russell Paul Cannon

Ryan Eiffert

S.A.T. Services Training  
[www.satservices.org](http://www.satservices.org)

Safe Training Services (Southern)  
[www.safetrainingservices.co.uk](http://www.safetrainingservices.co.uk)

Safety Training Solutions  
[www.sts-scotland.co.uk](http://www.sts-scotland.co.uk)

Safetymen  
[www.safetymen.co.uk](http://www.safetymen.co.uk)

Sapphire Signs  
[www.sapphiresigns.co.uk](http://www.sapphiresigns.co.uk)

Scott Grant

Grant Taylor Innovations

Scott Walker

Sean Crowley

Select Plant Hire Company  
[www.selectplanthire.com](http://www.selectplanthire.com)

Severfield UK  
[www.severfield.com](http://www.severfield.com)

Shear Training & Consultancy  
[www.sheartraining.co.uk](http://www.sheartraining.co.uk)

Shift Traffic Events  
[www.shift-traffic.com](http://www.shift-traffic.com)

Shropshire County Trainers  
[www.sctcentre.com](http://www.sctcentre.com)

Sibbald  
[www.sibbaldtraining.com](http://www.sibbaldtraining.com)

Sid Ball, Border Archery

Site Safety Training Centre  
[sstcentre.co.uk](http://sstcentre.co.uk)

Skipper TM  
[www.skippertm.com](http://www.skippertm.com)

Skipton Hire Centre T/A SHC Hire Centre  
[www.shc.co.uk](http://www.shc.co.uk)

Sky Platform Hire  
[www.skyplatforms.co.uk](http://www.skyplatforms.co.uk)

Skyjack UK (Skyjack Europe)  
[www.skyjack.com](http://www.skyjack.com)

Smart Platform Rental  
[www.smartplatforms.co.uk](http://www.smartplatforms.co.uk)

Smiths Equipment Hire  
[smithshire.com/specialist-powered-access](http://smithshire.com/specialist-powered-access)

SMP Training and Recruitment  
[www.smptrainingandrecruitmentltd.co.uk](http://www.smptrainingandrecruitmentltd.co.uk)

Snorkel  
[www.snorkellifts.com](http://www.snorkellifts.com)

South East Powerline Services  
[www.seps.uk.com](http://www.seps.uk.com)

Southern Cranes & Access  
[www.southerncranes.co.uk](http://www.southerncranes.co.uk)

SpanSet  
[www.spanset.co.uk](http://www.spanset.co.uk)

Specialist Technical Services (UK)  
[www.sts-group.co.uk](http://www.sts-group.co.uk)

Speedy Asset Services  
[www.speedyservices.com](http://www.speedyservices.com)

Speedy Hire  
[www.speedyservices.com](http://www.speedyservices.com)

Speedy Support Services  
[www.speedyservices.com](http://www.speedyservices.com)

Spider Ops  
[www.spiderops.co.uk](http://www.spiderops.co.uk)

Spiderlift  
[www.mbsaccess.co.uk](http://www.mbsaccess.co.uk)

SR & GM T/a M B Plant  
[www.mbplant.co.uk](http://www.mbplant.co.uk)

Star Platforms  
[www.starplatforms.co.uk](http://www.starplatforms.co.uk)

Stephen B Richards, Richards Associates

Stephen Charles Osborne

Stephen Griffie

Stephen McGill  
SJM Training Services

Stephen Walsh T/A Hy-Acc Services  
[www.hyaccservices.co.uk](http://www.hyaccservices.co.uk)

Sterlingencies  
[www.sterlingencies.co.uk](http://www.sterlingencies.co.uk)

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Steve Shaughnessy

Steven Edinborough

Streetlights  
[www.streetlights.co.uk](http://www.streetlights.co.uk)

STS Training  
[www.stsaccess.co.uk](http://www.stsaccess.co.uk)

Stuart Hurcombe

Summit Platforms  
[www.summitplatforms.co.uk](http://www.summitplatforms.co.uk)

Sunbelt Rentals  
[www.sunbeltrentals.com](http://www.sunbeltrentals.com)

SWAT Access  
[www.swataccess.com](http://www.swataccess.com)

System People T/A SP Training  
[www.sptraining.uk.com](http://www.sptraining.uk.com)

Tacklestore T/A SafetyLiftinGear.com  
[www.safetyliftinggear.com](http://www.safetyliftinggear.com)

TAG Forklift Truck Services  
[tagforklifttrucks.com](http://tagforklifttrucks.com)

TALA Training  
[www.talatraining.co.uk](http://www.talatraining.co.uk)

Taylor Training Services (UK)  
[www.taylor-training.co.uk](http://www.taylor-training.co.uk)

Tayside Loler Inspection

TCA Lifting  
[www.tcalifting.com](http://www.tcalifting.com)

THE MEWP TRAINING CENTRE  
[www.themewptrainingcentre.co.uk](http://www.themewptrainingcentre.co.uk)

The Safety Maintenance Company  
[www.thesmcl.co.uk](http://www.thesmcl.co.uk)

The Stage Group  
[www.thestagegroup.co.uk](http://www.thestagegroup.co.uk)

Tower Hire (Services)  
[www.towerhireservices.co.uk](http://www.towerhireservices.co.uk)

Tracked Spider Solutions  
[www.trackedspidersolutions.co.uk](http://www.trackedspidersolutions.co.uk)

Trade Safety & Training  
[www.tradesafetytraining.co.uk](http://www.tradesafetytraining.co.uk)

TrainingPlus.com  
[www.trainingplus.com](http://www.trainingplus.com)

Trainrite  
[www.trainriteuk.co.uk](http://www.trainriteuk.co.uk)

Travis Perkins  
[www.travisperkins.co.uk/tool-hire](http://www.travisperkins.co.uk/tool-hire)

Treky Blinders

Turner Tool Hire  
[www.turneraccesshire.com](http://www.turneraccesshire.com)

TVH UK  
[www.tvh-uk.co.uk](http://www.tvh-uk.co.uk)

Tyne & Wear Access NE  
[www.tyneandwearaccess.co.uk](http://www.tyneandwearaccess.co.uk)

UK Cross Hire

UK Tool Hire Group  
[www.ukindustriestraining.co.uk](http://www.ukindustriestraining.co.uk)

Unity Operators  
[www.unityoperators.com](http://www.unityoperators.com)

Universal Track Solutions UTS  
[www.utsolutions.co.uk](http://www.utsolutions.co.uk)

Universal Training Services (Midlands)  
[www.uetraining.co.uk](http://www.uetraining.co.uk)

Up & Out Platforms  
[www.upandoutplatforms.co.uk](http://www.upandoutplatforms.co.uk)

UPA (UK)  
[www.upa-uk.com](http://www.upa-uk.com)

Upward Powered Access  
[www.upwardpoweredaccess.com](http://www.upwardpoweredaccess.com)

V Training

Versalift United Kingdom  
[www.versalift.co.uk](http://www.versalift.co.uk)

Vertically Challenged

Vertikal Press  
[www.vertikal.net](http://www.vertikal.net)

Warnes Projects  
[www.warnesprojects.co.uk](http://www.warnesprojects.co.uk)

Warren Access Huntingdon  
[www.warrenaccess.co.uk](http://www.warrenaccess.co.uk)

Warren Access  
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Warren Philip Bradbury

Watling JCB  
[www.watling-jcb.com](http://www.watling-jcb.com)

Werner UK Sales & Distribution  
[www.bossaccess Towers.com/uk](http://www.bossaccess Towers.com/uk)

William Caldwell

William Liam Molloy

William Lyon

Workplatform  
[www.workplatformltd.co.uk](http://www.workplatformltd.co.uk)

Your Equipment Properties  
[www.yourequipmentsolutions.co.uk](http://www.yourequipmentsolutions.co.uk)

## UNITED STATES

8a Consulting and Training Services,  
Cautemec Ochoa  
[8atraining.com](http://8atraining.com)

Admar Supply Co  
[www.admarsupply.com](http://www.admarsupply.com)

Alimak Group USA  
[www.alimak.us](http://www.alimak.us)

All Access Equipment  
[www.allaccesssequipment.com](http://www.allaccesssequipment.com)

Alpha Platforms, SSP Group  
[www.alphaplatforms.com](http://www.alphaplatforms.com)

AMP Sales and Services  
[www.ampservicesllc.com](http://www.ampservicesllc.com)

Area Work Platform Inspection,  
[www.areaworkplatform.com](http://www.areaworkplatform.com)

Armbury  
[www.armbury.com](http://www.armbury.com)

Avant Tecno USA  
[www.avanttecnoc.com/us](http://www.avanttecnoc.com/us)

Blade Platforms  
[www.bladeplatforms.com](http://www.bladeplatforms.com)

Brian Roundtree CSP

Bronto Skylift  
[www.brontoskylift.com](http://www.brontoskylift.com)

Building Recon Services  
[www.buildingrecon.com](http://www.buildingrecon.com)

Butler County Area Vocational-Technical School  
[www.bcvtec.pa.us](http://www.bcvtec.pa.us)

Chip Darius

Construction Safety Council  
[www.buildsafe.org](http://www.buildsafe.org)

CPE  
[www.getcpe.com](http://www.getcpe.com)

DICA Marketing  
[www.dicausa.com](http://www.dicausa.com)

Dimond Bros Insurance  
[www.dimondbros.com](http://www.dimondbros.com)

Don Maq  
[www.donmaq.com](http://www.donmaq.com)

Donald Lombardi  
[www.lombardimasonry.com](http://www.lombardimasonry.com)

Eckstine & Associates

Haulotte US  
[www.haulotte-usa.com](http://www.haulotte-usa.com)

Heartland Communications Group  
(Lift and Access)  
[www.liftandaccess.com](http://www.liftandaccess.com)

Heath and Associates  
[www.heathandassociates.com](http://www.heathandassociates.com)

Hy-Brid Lifts  
[www.hybridlifts.com](http://www.hybridlifts.com)

IMER USA, Headquarters & Assembly Facility  
[www.imerusa.com](http://www.imerusa.com)

Institute For Aerial Lift Safety  
[www.aerialliftsafety.org](http://www.aerialliftsafety.org)

JCB  
[www.jcbna.com](http://www.jcbna.com)

JLG Industries  
[www.jlg.com](http://www.jlg.com)

Kardie Equipment  
[www.kardieequipment.com](http://www.kardieequipment.com)

Ken Ritter

KHL Group Americas  
[www.khl.com](http://www.khl.com)

Konecranes (Konecranes Training Institute)  
[www.Konecranes.com](http://www.Konecranes.com)

Lizzy Lift  
[www.lizzylift.com](http://www.lizzylift.com)

Mastclimbers  
[www.mastclimbers.com](http://www.mastclimbers.com)

MEC, Aerial Work Platforms  
[www.mecAWP.com](http://www.mecAWP.com)

National Lift Truck,  
[www.nlt.com](http://www.nlt.com)

Nidec Motor Corporation  
[acim.nidec.com/motors](http://acim.nidec.com/motors)

Niftylift  
[www.niftylift.com/usa](http://www.niftylift.com/usa)

O&G Industries  
[www.ogind.com](http://www.ogind.com)

OEM Controls,  
[www.oemcontrols.com](http://www.oemcontrols.com)

Operating Engineers,  
Local 150 Apprenticeship  
[www.asiplocal150.org](http://www.asiplocal150.org)

Painters and Allied Trades Labor  
Management Cooperation Initiative (LMCI)  
[iupat.org](http://iupat.org)

Pat Schmetzer

RE Squared  
[www.resquared.com](http://www.resquared.com)

Ruthmann Reachmaster  
[www.ruthmannreachmaster.com](http://www.ruthmannreachmaster.com)

RWDC Industries  
[www.rwdc-industries.com](http://www.rwdc-industries.com)

Scaffold and Access  
Industry Association (SAIA)  
[www.saiaonline.org](http://www.saiaonline.org)

Service One Access  
[www.serviceoneaccess.com](http://www.serviceoneaccess.com)

Sheet Metal Workers Local 137 JATC, Signage  
[www.smart137.com](http://www.smart137.com)

Sheet Metal Workers Local  
Union 1 & Central IL, Chapter of SMACNA  
[www.smw1.com](http://www.smw1.com)

Sheet Metal Workers Union Local 33,  
Toledo area  
[www.smwlu33.org](http://www.smwlu33.org)

Skyway Lift Rentals Corp  
[www.skywaylifts.com](http://www.skywaylifts.com)

Snorkel International  
[www.snorkellifts.com](http://www.snorkellifts.com)

Stepan Chemical  
[www.stepan.com](http://www.stepan.com)

Sunbelt Rentals, Corporate Headquarters  
[www.sunbeltrentals.com](http://www.sunbeltrentals.com)

Terex AWP  
[www.genieindustries.com](http://www.genieindustries.com)

The Home Depot  
THD.com

Total Facility Solutions  
[www.tfs-us.com](http://www.tfs-us.com)

Trackunit  
[www.trackunit.com](http://www.trackunit.com)

Trojan Battery Company, USA  
[www.trojanbattery.com](http://www.trojanbattery.com)

Tutus Drop Prevention  
[www.tutusdropprevention.com](http://www.tutusdropprevention.com)

TVH Parts Co  
[www.tvhamericas.com](http://www.tvhamericas.com)

United Rentals, Corporate Headquarters  
[www.unitedrentals.com](http://www.unitedrentals.com)

Universal Equipment  
[www.universalequipment.net](http://www.universalequipment.net)

Valcourt Exterior Building Services of NJ  
[www.valcourt.net](http://www.valcourt.net)

Vermeer Midwest  
[www.vermeerwest.com](http://www.vermeerwest.com)

Wellbuilt Equipment  
[wellbuiltequipment.com](http://wellbuiltequipment.com)

William Dean-El

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ATENKO  
[www.atenko.com.uy](http://www.atenko.com.uy)

RAMIREZ  
[www.ramirez.com.uy](http://www.ramirez.com.uy)

TecnoAndamio, Nizepel  
[www.tecnoandamio.cl](http://www.tecnoandamio.cl)

Tuyet Nga C  
[www.tuyetnga.com.vn](http://www.tuyetnga.com.vn)

Boogart Technical  
[www.btech.co.zm](http://www.btech.co.zm)

# ABOUT IPAF

**Promoting the safe and effective use of powered access worldwide**

The International Powered Access Federation (IPAF) promotes the safe and effective use of powered access equipment worldwide in the widest sense – through providing technical advice and information; through influencing and interpreting legislation and standards; and through its safety initiatives and training programs.

IPAF is a not-for-profit organisation owned by its members, which include manufacturers, rental companies, distributors, contractors and users. IPAF has members in more than 70 countries, who represent the majority of the MEWP rental fleet and manufacturers worldwide.

Visit [www.ipaf.org/contact](http://www.ipaf.org/contact) for details of your nearest office or representative.

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Thank you to the following companies who sponsored IPAF events, webinars, and workshops during 2021:







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