Rebranded as the PPMA Total Show and now under the sole ownership of the PPMA, next year’s Total Show will take place in September for the first time in its history, moving from its usual June slot (27-29 September 2016, NEC, Birmingham).

The PPMA Total Show 2016 incorporates three major exhibition brands – PPMA, Pakex and Interphex – and differs from the PPMA Show in that it also features materials, containers and packaging design, as well as the very latest processing and packaging machinery, industrial automation and vision innovations. Taking place every three years, the event now runs in September to align with the annual PPMA Show and will benefit from a substantial increased investment in marketing, PR, content and features.

“The PPMA Total Show 2016 is set to become even stronger as the UK’s premier processing and packaging machinery and packaging materials exhibition,” says Grant Jamieson, Chairman of the PPMA Group of Associations. “What’s more, we’ve been able to keep stand space pricing as competitive as possible, offering the very best value to members and non-members alike. The PPMA Total Show brings together buyers and sellers at one of the most visually dynamic exhibitions within the industry. Attended by thousands of quality end-users, this event is not to be missed!”

The PPMA Total Show has a long pedigree of attracting a highly targeted, quality audience. And as Total is now under the sole ownership of the PPMA, it will revert back to the PPMA Show pricing model. Space costs include free standard carpet and shell and start from £242m2 excluding VAT (for a full member at the Early Bird Rate).

“Are you ready for the PPMA Total Show 2016?
Event moves to September

The best stands sell fast – don’t miss out! Visit the PPMA stand here at the PPMA Show 2015 to take advantage of our special Early Bird offers for the PPMA Total Show 2016.

To find out more contact our Sales Team:

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T +44 (0)20 8773 5513
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E lucy.lockyer@ppma.co.uk

“The PPMA Total Exhibition, like the PPMA Show, forms an integral part of the Fortress Technology marketing strategy. These exhibitions deliver both an excellent quality and quantity of visitors and generate numerous leads.”
Sarah Ketchin, Managing Director, Fortress Technology

The best of British manufacturing are celebrating as the winners of the PPMA Group Industry Awards were named at a glitzy ceremony on 29 September.

Hosted by comedian and entertainer, Bobby Davro, around 400 people attended the industry event of the year at the National Motorcycle Museum in Birmingham. Teams and individuals picked up one of 13 awards on offer on the night, from categories as diverse as Exporter of the Year, Most Innovative Machine Vision Project and Apprentice of the Year.

Judged by an independent panel of industry experts, the lucky 13 are listed on page 3-4.

PPMA Group Industry Awards winners…………………………p2-4
ProPak Asia 2015 most successful edition yet………………5
Is your business risk-assessed?…………………………………7
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Celebrities for PPMA members after glittering awards night

Leaders, innovators and the cream of the British manufacturing crop gathered at the biggest event of the industry calendar as the winners of this year’s PPMA Group Industry Awards were announced.

More than 400 industry leaders, government representatives and press attended the awards ceremony at the National Motorcycle Museum in Birmingham on 29 September, hosted by comedian and entertainer, Bobby Davro. The gala event was headline sponsored by Lloyds Bank and celebrated excellence and innovation from all areas of the industry.

It was a lucky night for many of our members and industry companies as 13 teams and individuals representing each of the Association sectors, PPMA, BARA and UKIVA, picked up one of the coveted awards. The judging panel faced a difficult task in choosing just one winner from the scores of entries, with many of the nominees demonstrating innovation, talent and success. Congratulations to all our very worthy winners!

“The manufacturing recovery has impacted the PPMA Group Industry Awards entries this year with many of the developments entered inspired by customer requests for smarter ways of working to meet growing demands.”

Gail Hunt, Judge and Editor of Machinery Update

Our esteemed judges

- Ron Archibald – UKTI
- Charmaine Bowers – Independent Consultant
- Warren Clark – Publishing Director, Europa Science
- Douglas Devlin – Director, DFA Media
- Dr David Hopper – Independent Automation Specialist
- Gail Hunt – Editor, Machinery Update
- Alan Isaacs – Independent Consultant
- Martin Miller – Independent Consultant
- Peter Whitfield – Independent Advisor

“The judges recognise the status of these awards and place great emphasis on ensuring their judging process is a reflection of that status. As in many other years, both the volume and standard of the entries were impressive.”

Alan Isaacs, Judge and Independent Consultant
Most Innovative Processing or Packaging Machine

Winner: 
Pacepacker Services

Pacepacker scooped first prize in this category for its mixed tray loading system. Designed to quickly generate assorted trays of product for smaller shops, it provides a creative way for retailers to offer a far wider product range on shelves with less space. Although outwardly a simple system, the judges felt that the demands of the retail sector were amply met by this effective solution, commenting that ‘the application epitomised an essential element of innovation, which is simplicity and effectiveness’.

Highly commended: Endoline Machinery

Most Innovative Machine Vision Project

Winner: 
Multipix Imaging

Founded in 1997, Multipix offers a complete range of industrial vision components for today’s demanding applications. The panel was impressed with Multipix’s ‘complete inspection solution built for a highly complex machine vision problem. The development effort that went into the system is impressive, and the fact that a dedicated inspection system was built meant that this entry excelled above the others’.

Highly commended: Evolution Bottling and Packaging Solutions

Processing & Packaging Machinery Manufacturer of the Year

Winner: 
Bradman Lake Group

A leader in packaging technology solutions, Bradman Lake Group Ltd incorporates the world-renowned Autowrappers and Europack brands, and is an innovator of flexible automation using parallel axis robotics technology. The judging panel chose Bradman Lake as the winner for ‘excelling across the board over the past three years and continuing to invest in its future by employing several apprentices every year’.

Highly commended: Fortress Technology, Karmelle, Riggs Autopack

Commended: IMM, Kliklok

Partnership of the Year

Winner: 
Pacepacker Services/FANUC/Festo

This was a tough category for the judging panel as this year’s entries for the Partnership Award have given some great examples of what businesses can achieve together. What set the winners apart was ‘their willingness to work together, despite being competitors in some areas, to ensure that the customers’ needs were fully met, as well as developing the ‘try before you buy’ facility to bring automation to a wider audience’.

Highly commended: Multivac/Endoline, Kliklok/Siemens

Commended: BST/Anritsu

Sustainability Award

Winner: 
Wire Belt

Stainless steel conveyor belt manufacturer, Wire Belt, provides conveyor belts for a range of industries including food processing, textiles and agriculture. As well as upgrading its own buildings with solar panels and other energy saving solutions, the company has refurbished more than 50 belts returned from customers to reduce the lifecycle impact of its products. The judges commended Wire Belt for putting sustainability at the heart of its business with several investments to reduce the company’s carbon footprint.

Highly commended: Fortress Technology

Exceptional Sales or Company Growth

Winner: 
Atwell Self-Adhesive Labellers

Atwell has grown to be the UK’s leading independent supplier of self-adhesive labelling machines. What gave the company the edge to claim the top spot in this category were its 30 per cent two year increase in revenues, 300 per cent expansion in its portfolio of customers and a recent doubling of its facilities. This impressed the judges as it showed excellence in both sales and company growth.

Highly commended: Interactive Coding Equipment

Presented by

Sponsored by
Most Innovative Ancillary Equipment

**Winner:** Schubert UK

Schubert UK’s entry saw off the competition to triumph in this highly-fought category. The judges felt that the flexibility and programming ability of Schubert’s unit was likely to transform the performance of any in-line process which utilised the module. The result would be higher efficiency, throughput and adaptability of any manufacturing process with which it was associated.

**Highly commended:**

Liftvrac, Boxsizer

---

Apprentice of the Year

**Winner:** Harry Phelps – Adelphi

Harry’s dedication to his work and his studies has led to his employers assigning him sole responsibility for the build of a new filling machine. So impressed is Adelphi with Harry, the company’s first mechanical fitter apprentice, that it has since employed a further two apprentices. Harry stood out from the rest with his glowing reference from his employers, highlighting a young man whose enthusiasm, professionalism and can-do attitude has breathed new energy into the workshop. Well done Harry!

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Most Innovative Automation System

**Winner:** Boxsizer

Wrapping up the lead in this category was Boxsizer, with its Intelligent Random Box Sizer machine. The judges noted that ‘the innovation came from the integration of vision with clever actuation to resize a ‘random packed’ box, saving up to 30 per cent of the space. The impact of this was judged to be high due to reduced shipping costs for the client, reduced fuel and reduced carbon emissions’.

**Highly commended:**

JBT Corporation

**Commended:**

Schubert UK, Pacepacker Services

---

Outstanding Achievement Award

**Winner:** David Johnson

Starting his career as a wrapping mechanic, David moved into shrink wrap machinery sales before eventually joining Yorkshire Packaging Supplies as a director in the late-70s. Now called Yorkshire Packaging Systems, David became sole owner in the mid-80s and transformed this small business to a company with 25 employees and an annual turnover of £8m. David, now 69, is still active in all aspects of the business and is as enthusiastic and passionate about the packaging industry as he was all those years ago.

---

Exporter of the Year

**Winner:** DC Norris

Top spot in this category went to a small business that has pursued and won major turnkey projects against tough competition around the world. In order to grow, DC Norris has invested in people, facilities, plant and overseas promotion, succeeding in both traditional and non-traditional markets.

**Highly commended:**

Endoline Machinery

---

Customer Service Award

**Winner:** Adsol

A company on a growth curve, which is reflected in its sales charts, Adsol not only has a great portfolio of products but supports this with its first class service offering. The judges noted that Adsol ‘doesn’t have customers, it has partnerships’ and deemed it ‘a company to look out for in the future’.

**Highly commended:**

Interactive Coding Equipment

---

PPMA BEST (Business, Education, Skills and Training) Award

**Winner:** Silverson Machines

Demonstrating considerate long-term strategic planning in developing its training programme, Silverson rose above the engineering skills shortage problem with a solution that is not only fit for purpose but also ensures the company can react to the changing demands of its customers.

---

PPMA Driver of the Year

**Winner:** Stewart Jackson (Bytronic)

**Driver Initiative of the Year**

**Winner:** Mitsubishi

Sponsored by Ultimate Car Control
ProPak Asia 2015 a record breaker – book now for 2016!

Asia’s number one international processing and packaging event for food, drink, pharmaceutical and FMCG markets took place in Bangkok, Thailand on 17-20 June. Featuring almost 1,700 exhibitors from 42 different countries (including 14 international pavilions), ProPak Asia 2015 was the biggest and busiest edition so far, breaking all previous records in terms of show size and visitor numbers.

Against a backdrop of growing consumer demand, high GDP growth rates, increasing exports, the formation of the ASEAN Economic Community (AEC) and a 23-year history, ProPak Asia attracted over 39,000 visitors from 72 countries. The PPMA UK pavilion featured Durham Duplex, Ecomec, Deighton Manufacturing UK Ltd, Jacob White (Packaging) Ltd, T Freemantle Ltd, AMP Rose, and Bradman Lake Ltd.

Richard Kitchen, Head of Sales and Marketing for T Freemantle, said: “We had a lot of visitors at the show and this generated substantial interest. It was helpful exhibiting as part of the PPMA UK pavilion as they had local knowledge, and it was useful to have someone else there to support us if needed. We would certainly exhibit as part of the PPMA UK pavilion again.”

UK companies set for success at Gulfood Manufacturing 2015

Taking place at the Dubai World Trade Centre on 27-29 October 2015, Gulfood Manufacturing is the new show for the ingredients, processing, packaging, equipment and logistics sectors. The UK pavilion comprises 35 companies. At the time of writing a small amount of space is available – to book please contact janette.lane@ppma.co.uk

Last year’s event attracted 1,100 exhibitors and over 26,000 visitors from 156 countries. The PPMA UK pavilion was particularly busy, holding a total of 38 companies who enjoyed a record number of leads and enquiries, machinery selling straight off the stands, and customers coming back to negotiate payment. See our next issue for the full 2015 review – for Gulfood Manufacturing 2016 UK pavilion enquiries, contact janette.lane@ppma.co.uk www.gulfoodmanufacturing.com

Export your way to the top with UKTI

The PPMA Group is proud to be a UKTI Trade Challenge Partner. Through its network of professional advisers around the UK and staff across more than 100 countries, UKTI works with UK-based businesses to ensure their success in international markets, and encourages and supports overseas companies to look at the UK as the best place to set up or expand their business.

UKTI provides tailored support packages for first-time exporters, SMEs or medium-sized businesses, including digital and online support. In addition, companies can register with UKTI for business opportunities; find UKTI events, trade fairs, missions and webinars; use Open to Export, a free online advice service for exporters; and get financial support from UK Export Finance. In addition, the government’s Business Growth Service can provide wider help for your business.

For the full range of UKTI services, go to www.ppma.co.uk/Info/ukti-opportunities.asp

Register your interest for Interpack 2017

To add your company’s name to our continuing interest list for the UK Group at Interpack 2017 (4-10 May 2017, Dusseldorf, Germany) please contact janette.lane@ppma.co.uk www.interpack.com
For a full list of international events go to www.ppma.co.uk/show/exhibitions.htm

<table>
<thead>
<tr>
<th>EVENT / LOCATION</th>
<th>DATE</th>
<th>OVERVIEW</th>
<th>FUNDING/PAVILION</th>
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<tbody>
<tr>
<td>Scanpack 2015</td>
<td>20-23 Oct 2015</td>
<td>Northern Europe’s number one packaging exhibition</td>
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<tr>
<td>Gothenburg, Sweden</td>
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<td><a href="http://www.scanpack.se/en/">www.scanpack.se/en/</a></td>
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<tr>
<td>Eurasia Packaging 2015</td>
<td>22-25 Oct 2015</td>
<td>Now in its 21st year, the packaging and production show for Turkey, East and Western Europe,</td>
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<tr>
<td>Istanbul, Turkey</td>
<td></td>
<td>the Balkans, Russia, Caucasia and North Africa</td>
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<td>Gulffood Manufacturing 2015</td>
<td>27-29 Oct 2015</td>
<td>Introduced for the first time in 2014, the new show for the ingredients, processing, packaging,</td>
<td>PPMA UK Pavilion</td>
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<tr>
<td>Dubai, UAE</td>
<td></td>
<td>equipment and logistics sectors</td>
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<tr>
<td>World Food Kazakhstan</td>
<td>4-6 Nov 2015</td>
<td>The 18th central Asian international food industry exhibition</td>
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<tr>
<td>Almaty, Kazakhstan</td>
<td></td>
<td><a href="http://www.worldfood.kz/en/">www.worldfood.kz/en/</a></td>
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<tr>
<td>ProSweets Cologne</td>
<td>31 Jan-3 Feb 2016</td>
<td>Focusing on the entire supply range of the sweets and snack industry, and running parallel to</td>
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<tr>
<td>Cologne, Germany</td>
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<td>the International Sweets and Biscuits Fair</td>
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<tr>
<td>ProPak Asia</td>
<td>15-18 June 2016</td>
<td>The 24th international processing, filling and packaging technology event for Asia</td>
<td>PPMA UK Pavilion</td>
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<tr>
<td>Bangkok, Thailand</td>
<td></td>
<td><a href="http://www.propakasia.com">www.propakasia.com</a></td>
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<tr>
<td>ProPak China</td>
<td>13-15 July 2016</td>
<td>China’s premier event for processing and packaging technologies</td>
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<tr>
<td>Shanghai, China</td>
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<td><a href="http://www.propakchina.com">www.propakchina.com</a></td>
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<tr>
<td>PPMA Total Show 2016</td>
<td>27-29 Sept 2016</td>
<td>The total processing and packaging production line event from design, containers and material to</td>
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<tr>
<td>NEC, Birmingham</td>
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<td>machinery, automation and industrial vision</td>
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<tr>
<td>PPMA Group Industry Awards 2016</td>
<td>27 Sept 2016</td>
<td>Open to both members and non-members of the PPMA Group, this industry-wide awards event aims</td>
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<tr>
<td>National Motorcycle Museum, Birmingham</td>
<td></td>
<td>to raise standards throughout the sector. Enter for free at <a href="http://www.ppma.co.uk/show/awards">www.ppma.co.uk/show/awards</a></td>
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<tr>
<td>Pack Expo International 2016</td>
<td>6-9 Nov 2016</td>
<td>The world’s largest processing and packaging event for 2016, attracting 50,000 attendees and</td>
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<tr>
<td>Chicago, USA</td>
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<td>2,300 exhibitors. Co-located with Pharma EXPO</td>
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<tr>
<td>Gulfood Manufacturing 2016</td>
<td>7-9 Nov 2016</td>
<td>Food and beverage processing event in the MEASA region, incorporating ProPak Middle East, Ingredients Middle East and Food Logistics Middle East</td>
<td>PPMA UK Pavilion</td>
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<tr>
<td>Dubai, UAE</td>
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<td><a href="http://www.gulfoodmanufacturing.com">www.gulfoodmanufacturing.com</a></td>
<td></td>
</tr>
<tr>
<td>Interpack 2017</td>
<td>4-10 May 2017</td>
<td>The leading trade show for the processing and packaging industry, featuring 2,700 exhibitors</td>
<td>PPMA UK Pavilion</td>
</tr>
<tr>
<td>Dusseldorf, Germany</td>
<td></td>
<td>from 59 countries</td>
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PPMA Technical Seminar Programme 2015

A programme of events for those who want to keep up to date with the latest Directive/regulation changes and sector specific developments. Project managers, machine designers, engineers and H&S professionals from machine suppliers and machine users should consider attending these events. Available to PPMA members at the discounted price of £195 + VAT per person.

- Machinery Risk Assessment
  14 October, Carlton Hotel, Dublin

To book or find out more on this and future events contact
www.ppma.co.uk/educ/info.htm
E christine.jordan@ppma.co.uk
T +44 (0)20 8773 8111
Risky business – make sure you’ve got it covered

By Neil Dyson, Business Line Manager for Machinery Safety at TÜV SÜD Product Service, a global product testing and certification organisation

The Work Equipment Directive, which is implemented by the Provision and Use of Work Equipment Regulations (PUWER), applies to all work equipment. Before any new machinery goes into operation, or existing machinery is moved, a thorough and correct risk assessment should be completed.

Firstly, identify anything that has the potential to cause harm. Secondly, an assessment must be made of the likelihood of a person coming into contact with these hazards and what level of injury they could cause.

A risk assessment would normally be carried out for each hazard identified. The Preliminary Hazard Analysis method uses a Hazard Rating Number system, which corresponds to the level of risk. Control measures can then be applied to mitigate that risk, including:

- Designing out the hazard;
- Designing safeguards;
- Reducing the possibility of occurrence;
- Reducing the degree of harm;
- Warning and informing machine operators (but only if adequate safety can be achieved).

Once the measures have been implemented, a reassessment must then be actioned and repeated to ensure an adequate level of safety.

PUWER requires that inspections must be repeated ‘at suitable intervals’ if machines are exposed to conditions that may lead to deterioration. In reality, every machine is exposed to conditions that may lead to deterioration, so they must all be regularly inspected.

PUWER also states that those who determine the nature of the assessments and carry them out should be competent to do so. However, the failures we see on site are often due to a lack of expertise and physical resource to complete an in-depth and correct assessment of all machinery. A decision not to invest in the appropriate expertise could result in expensive fines or, worse still, prove fatal.

Generic machinery standards

- **EN ISO 14120** Safety of machinery – Guards – General requirements for the design and construction of fixed and movable guards. Under approval with CEN, due to be published imminently.
- **EN ISO 14122-1** Safety of machinery – Permanent means of access to machinery – Part 1: Choice of fixed means of access between two levels. Under approval with CEN.
- **EN ISO 14122-2** Safety of machinery – Permanent means of access to machinery – Part 2: Working platforms and walkways. Under approval with CEN.
- **EN ISO 14122-3** Safety of machinery – Permanent means of access to machinery – Part 3: Stairs, stepladders and guard-rails. Under approval with CEN.
- **EN ISO 14123-2** Safety of machinery – Reduction of risks to health from hazardous substances emitted by machinery – Part 2: Methodology leading to verification procedures. Under approval with CEN.
- **prEN ISO 13854** Safety of machinery – Minimum gaps to avoid crushing of parts of the human body. Under drafting with CEN.

Plastics/rubber

- **prEN 1114-3** rev Plastics and rubber machines – Extruders and extrusion lines – Part 3: Safety requirements for haul-offs. Under drafting with CEN.
- **prEN 12012-1** Plastics and rubber machines – Size reduction machines – Part 1: Safety requirements for blade granulators and shredders. Under enquiry with CEN.
- **prEN 12013** Plastics and rubber machines – Internal mixers – Safety requirements. Under approval with CEN.
- **prEN 12301** Plastics and rubber machines – Calenders – Safety requirements. Under drafting with CEN.
- **prEN 1612-1** Plastics and rubber machines – Reaction moulding machines and plants – Safety requirements. Under drafting with CEN.
- **prEN ISO 20430** Plastics and rubber machines – Injection moulding machines – Safety requirements. Under drafting with CEN.
- **EN 16474** Plastics and rubber machines – Tyre curing presses – Safety requirements. Published April 2015.

CEN is the European Committee for Standardisation and produces most of the European standards, with the exceptions of electrotechnology and telecommunication standards.
New measures are set to come into force early next year to free businesses from restrictive clauses in contracts that prevent them from gaining invoice finance. The move will open up more funding opportunities and specifically benefit small businesses.

Invoice finance allows businesses to apply for finance using invoices for money owed to them as security, but the size of the market is limited by clauses designed to prevent a supplier from sub-contracting work. These clauses have the unintentional consequence of blocking invoice finance arrangements and will be nullified, while retaining a customer’s right to prevent traditional sub-contracting arrangements. Small Business Minister, Anna Soubry, said: “Small businesses are the economic backbone of Britain and we will do everything possible to make sure they continue to grow and create jobs. By scrapping restrictions on invoice finance, thousands of firms across the country could benefit from faster access to hard-fought funds. While invoice finance may not be right for everyone and is absolutely no excuse for late payment, I want small businesses to have the option of using it to increase their cashflow.”


Ban on anti-invoice finance terms set to benefit small businesses

Government protects the term ‘apprenticeship’ in law

The term ‘apprenticeship’ will be protected in law through the Enterprise Bill, the government has announced. This will ensure apprenticeships are recognised as a career path equal to higher education and give government the power to take action when the term is misused to promote low quality courses. Skills Minister, Nick Boles, said: “If university graduates have their moment in the sun so should people who undertake apprenticeships. Businesses know their value so it’s high time they were recognised both by the public and in law as being equal to degrees. We want far more employers to get involved in apprenticeships. This means making sure that we practise what we preach in government, so we’re going to require all public sector bodies – schools, hospitals, prisons and police forces – to employ apprentices.”

http://bit.ly/1J7TwcJ

SMEs continue healthy growth trend

The SME Finance Monitor has been providing data on access to finance amongst SMEs since 2011, conducting 5,000 interviews each quarter. The Q1 2015 report reveals that SMEs continue to exhibit a range of positive indicators – more made a profit, more have a ‘minimal’ or ‘low’ risk rating, and fewer have injected personal funds into the business. Use of external finance has changed little over recent quarters and in Q1 2015, SMEs were more likely to meet the definition of a permanent non-borrower than to be using external finance. Seventy nine per cent of SMEs reported being profitable, up from 69 per cent in the equivalent quarter of 2013; the proportion of SMEs with a ‘worse than average’ external risk rating has declined steadily since the middle of 2013 from 56 per cent to 44 per cent; while those with a minimal or low risk rating has increased from 14 per cent at the end of 2012 to 27 per cent.

The next full report, covering data up to the end of Q2 2015, was due to be published at the time of going to press. For further information go to http://bit.ly/1UJiyAP

EAMA reveals encouraging Q2 figures

Latest figures from the Engineering and Machinery Alliance’s (EAMA) Business Monitor show that Q2 2015 ended on a much higher note than seemed likely in April. Martin Walder, EAMA Chairman, commented: “The common theme round the improvements on enquiry and order numbers was the reduction in the share of firms reporting falls. This combined with small increases in the number of companies reporting gains in export business and significant improvements in UK activity to produce some of the best balances of the year so far. Not unexpectedly, this also produced better confidence numbers, which had turned negative in May after running low in March and April.”

www.eama.info
Industry mourns loss of Peter Sweeney

Peter Sweeney, Managing Director and Chairman of Packaging Aids and Power Adhesives, has died. Peter started Packaging Aids from his living room in 1969 and now Packer Products are known throughout the packaging industry. Power Adhesives began in 1974 and is a worldwide leader in shaped hot melt adhesive technology. Peter passed away peacefully in July, following a six-month battle with cancer.

www.packerproducts.co.uk

Leading the way for TNA

TNA has a new Group Solutions Manager for Europe, the Middle East, India and Africa (EMEIA). The packaging and processing solutions provider appointed Henk Boon, who is based in the Dutch office of food processing specialist Florigo Industry B.V., recently acquired by TNA. Henk said: “TNA has a great reputation for customer service and product innovation around the world.”

www.tnasolutions.com

A revolution at Packaging Automation Ltd

Packaging Automation Ltd has designed the ‘fastest, most energy efficient, single lane tray sealer available’. The Revolution machine, designed for the soft fruit market, seals tray products with speeds of 150 punnets per minute. The machine operates without using any compressed air, offering savings of up to 98 per cent of the running costs of conventional pneumatically operated tray sealers.

www.pal.co.uk

New tamper-evident labelling machine

Herma has developed a tamper-evident labelling machine for the sealing of pharmaceutical packaging. “This system provides a highly versatile, tamper-evident solution for our customers,” said Martin Kühl, head of Herma’s labelling machines division. The system seals folding boxes with transparent labels that are perforated in the centre. Thanks to this first-opening guarantee, packages that have been opened can no longer be resealed without detection.

www.herma.com

KernPack sponsors University’s research

KernPack has joined forces with the University of Portsmouth Business School to help food manufacturers improve links between process and product innovation. The packaging machinery firm is sponsoring the university to conduct a two-year research study into how investments in the production process can impact on the development of new products. The findings will help food manufacturers spot opportunities where they can benefit from investing in their production lines.

www.kernpack.co.uk

A new dawn for fixed weight tray packing

A new machine from Ishida Europe is set to revolutionise fixed weight packaging for the poultry, meat and fish industry. The RobotGrader combines weighing and pick and place technologies to grade products of varying weight, and pack them to a fixed weight straight into the tray. The system reduces giveaway to less than one per cent per pack and can correctly place and orientate the pieces at speeds of up to 320 pieces per minute.

www.ishiadeurope.com

Spiroflow acquires Food Control Solutions

Conveying, bulk handling and weighing systems manufacturer, Spiroflow, has joined forces with automation specialists, Food Control Solutions. Spiroflow’s UK Marketing Manager, Ben Ayrton, said: “In addition to our conveying equipment, we will also be able to draw on the quality, ingenuity and excellent reputation of Food Control Solutions’ automated systems, allowing us to provide complete end to end process solutions for our customers.”

www.spiroflow.com

Pump up the vacuum with Busch

Busch Vacuum Pumps and Systems has developed a new vacuum pump designed for foodstuffs packaging with tray sealers and thermoforming machines. The rotary vane technology of the hygienic vacuum pumps guarantees a permanent vacuum of 0.1 mbar and high pumping speeds for the entire range between atmospheric and ultimate pressure, allowing rapid evacuation and short packaging cycle times.

www.buschvacuum.com
Q2 robot stats reveal dip in orders

The latest BARA robot sales statistics have revealed that a total of 380 robots were sold in Q2 2015: 252 for delivery into the UK and 128 for export. This is down on the same period last year, when almost 700 robots were sold, and less than Q1 2015, which saw sales of 400. As expected, the majority of robots were sold into the auto and auto components industry, followed by food and drink, metal manufacturing, and pharmaceutical.

Grant Collier, PPMA Group Head of Marketing, states: “As the automotive industry has geared up for automation so heavily over the last few years, it’s no surprise that figures have now started to fall off. What these results do highlight, however, is that the UK still has a long way to go to catch up with Europe and other competing nations regarding the uptake of automation, particularly in the food sector.”

Vision and automation – the perfect match

By Grant Collier, PPMA Group Head of Marketing

The future of automation in the UK lies in the marriage between robotics and industrial vision. Over the past year, we have seen a steady increase in the number of UKIVA members, often as a result of link-ups with existing BARA members on projects incorporating both vision and automation. The PPMA Show seminar programme highlighted this increasingly important relationship with a session on ‘Vision and Robotics – Unleashing the potential’. Chaired by Ed Holden, Associate Editor of Drives & Controls magazine, the session at 10am on Wednesday 30 September saw speaker Andrew Jones, Sales Director of RG Luma Automation Ltd, review the challenges faced by manufacturers when integrating robotics with vision systems. Attendees learnt how these technologies can work harmoniously to assemble, pick and place, and inspect products in industries including automotive, food, aggregates and defence.

More and more, we are seeing a coming together of vision and robotic systems to benefit UK companies, who still lag some way behind their European counterparts when it comes to automating their manufacturing processes. In fact, at the recent VISION exhibition in Stuttgart, the growth in machine vision systems in Europe was attributed to the link-up between automation and vision. The PPMA will continue to foster good working relationships between members of BARA and UKIVA, for the mutual benefit of all concerned.

Success for BARA members at Industry Awards

A number of BARA members are celebrating after triumphing at this year’s PPMA Group Industry Awards, hosted by Bobby Davro at the National Motorcycle Museum, Birmingham, on 29 September.

Pacepacker was also commended in the Most Innovative Automation System category, in which first place went to Boxsizer, the sister company of Linx Systems, for its Intelligent Random Box Sizer. The system reduces the volume of random packaged goods and excess packaging material by intelligently measuring the empty volume of a loaded box, adjusting itself to cut, crease and fold to suit the volume of goods within. Congratulations also go to JBT, who was highly commended in the same category, and to Schubert, who was commended.

There was more success for Schubert on the night, as the company scooped first prize in the Most Innovative Ancillary Equipment category. The judges hailed Schubert’s system as ‘likely to transform the performance of any in-line process which utilised it’. Boxsizer was highly commended in the same category.

For the week-long focus on robots for Sky News and another robot news series for BBC, BARA’s Head of Marketing, Grant Collier, conducted live television interviews with the key message that robots actually create a net number of jobs, rather than the misconception amongst 60 per cent of the general public that they will destroy future jobs within the UK. The news interviews have been aired nationally and internationally.
Bosch redesigns Delta robot portfolio

Robotic packing solutions supplier, Bosch Packaging Technology, has redesigned its Delta robotic packaging portfolio to give food producers more versatility and performance. Developed for quick changeovers, simplified use and easier maintenance, the new portfolio offers modular and standardised robotic solutions with application-specific options. With higher payloads up to three kilograms and increased pick rate speeds, the latest GD series Delta robot allows food manufacturers to achieve a lower total cost of ownership and a quicker return on investment.

www.boschpackaging.com

JBT debuts new robot

JBT Corporation has launched an automatic guided vehicle (AGV) system designed specifically for mid-sized companies. The main difference between the JayBot AGV solution and traditional AGV systems – other than the fact that it costs less to run – is that direct two-way communication and decision-making capability are incorporated into the actual vehicle, allowing JayBot AGVs to communicate with each other, and other equipment, without the need for a system manager. “The JayBot AGV delivers all of the productivity increases, safety improvements and precise manoeuvring of a traditional AGV system, but at a lower cost. Eliminating the system manager is only one step in reducing costs,” said Andrew Hurd, JBT’s Director of European AGV Operations.

www.jbtc-agv.com

FANUC unveils industry’s first 35kg payload collaborative robot

FANUC Robotics UK has launched a system that has a higher payload than any other on the market. The human-safe CR-35iA has a 35kg payload, opening up applications that have previously been off limits for both traditional industrial robots and lighter duty collaborative robots. “We know that the next generation of robotic automation needs to be in smart and safe solutions that promote the interaction of human operators and industrial robots,” said John Rainer, Regional Sales Manager at FANUC UK. In contrast to traditional robots, which need safety fencing if an operator is present, these robots can work side by side with humans on shared or separate tasks. FANUC expects to be building more than 100 units per year in Europe very soon.

www.fanuc.eu

Multivac designs new label solution

Multivac Marking and Inspection has developed a two-way dispensing edge for its labellers, which can be rotated pneumatically by 180 degrees. It features a separation edge and a deflection face that can be interchanged very quickly. This innovation ensures that labels that are not supposed to be dispensed onto a pack remain on the backing strip and are wound together with the backing strip. This function is particularly important when, for example, the print layout is changed or a label has been identified as incorrect, reducing cost and making the process more simple and reliable.

www.multivac.co.uk

US award for Bradman Lake

Packaging technology solutions provider, Bradman Lake Group Ltd, has been named Nestlé’s Technical Procurement Supplier of the Year in the US. The award programme was started by Nestlé in 2011 and is designed to recognise and formally acknowledge suppliers who exemplify outstanding performance. Bradman Lake has a global partnership with Nestlé and has secured orders in Europe, Asia, and North America. Nick Bishop, Vice President of Sales, Bradman Lake Rock Hill USA, said: “We regard our relationship with Nestlé as being mutually beneficial; working in partnership we have developed and implemented design changes which improved the quality of performance and specification of our machinery, as well as introducing improved methods for cost control and expanded service support.”

www.bradmanlake.com

New Technical Director at RNA Automation Ltd

RNA has appointed David Griffiths as its Technical Director, taking over from Mick Keane who has occupied the position since the business began in the UK back in 1986. With over 35 years’ experience in the field of bespoke machinery design and manufacture, David will be responsible for overseeing the overall technical and engineering side of the business. Mick will continue as technical adviser whilst also enjoying his well-deserved semi-retirement.

www.rnaautomation.com
Vision, at the heart of the UK's manufacturing industry
By Ian Alderton, UKIVA Chairman and Sales Director of Alrad Imaging

The importance of vision technology in processing and packaging applications is growing. No less than 19 UKIVA members exhibited at this year’s PPMA Show – more than double last year. The show not only allows exhibitors to meet end-users, but provides a great opportunity for networking between all of the members of the PPMA Group of Associations. It makes sense that members collaborate with each other when they can, to provide complementary technology and expertise.

UKIVA membership continues to grow, reflecting well on our efforts to continually promote the use of industrial vision technology across a plethora of industries. It is also encouraging to see many new members getting involved in committee activities, bringing with them new ideas and energy. The UK may not have much of a vision technology manufacturing base, but what is clear is that we can boast many highly skilled and knowledgeable vision technology suppliers and systems integrators, who can take the world’s leading vision systems and use them to solve almost any vision problem. It is a hugely valuable resource for the UK’s manufacturing industry. Greater automation should lead to more efficient manufacturing processes, which in turn lead to reduced production costs and increased profitability. It’s a win-win situation with vision at its heart.

Celebrations for Multipix after Industry Award win

It was a night of celebration for Multipix Imaging after the company was named the winner of the Most Innovative Machine Vision Project at the PPMA Group Industry Awards, hosted by Bobby Davro at the National Motorcycle Museum, Birmingham on 29 September.

Multipix offers a complete range of industrial vision components for today’s demanding applications, including cameras with latest digital camera interfaces like GigEVision and USB 3.0. The judges named Multipix as a worthy winner of the award for its ‘complete inspection solution built for a highly complex machine vision problem. The development effort that went into the system is impressive, and the fact that a dedicated inspection system was built meant that this entry excelled above the others’. Congratulations Multipix!

UKIVA seminars at Photonex/Vision UK

There are only a few weeks to go until Photonex, the UK’s leading event for photonics and light technologies. Taking place on 14-15 October 2015 at the Ricoh Arena, Coventry, the show is expected to attract over 100 exhibitors and in excess of 1,500 visitors.

Photonex also incorporates Vision UK 2015, the key event for vision and imaging technologies. UKIVA will be presenting its most ambitious free seminar programme ever during Vision UK, including a keynote speech by Dr Will Maddern from Oxford University, entitled: ‘Vision for Autonomous Driving: Challenges and Opportunities’. This will explore the demands on vision technology in controlling a vehicle. The complete programme features nine presentations on both days, with full details on the event website.

www.photonex.org
New smart camera for parts and assembly inspection

With resolutions up to five megapixels, inspections up to 80 parts per second and a variety of I/O and mounting options, the new Boa 2 smart camera from Teledyne DALSA can automate identification, measurement, guiding and verification requirements in a host of applications. A choice of two, three and five megapixel sensors makes Boa 2 capable of imaging small defects that can be missed or difficult to distinguish with lower resolution cameras. It is rated for use in harsh industrial environments and provides several mounting options on the front, back and side surfaces. This saves time during the development process and unnecessary expense for protective housings.

www.stemmer-imaging.co.uk

Colour smart camera ideal for machine vision applications

Distributed through Multipix, Datalogic has unveiled its new Colour Smart camera. The powerful and cost-effective P-Series Colour Smart camera, combined with IMPACT LITE, gives flexibility and ease of use to create the ideal solution to tackle machine vision applications in the food & beverage, pharmaceutical and automotive industries. Colour inspection applications include: bottle cap colour inspection; colour and shape detection of medical tablets; connector wiring assembly verification; and colour-based package sorting.

www.multipix.com

New 3D technology gives machines super vision

Innovative technology from industrial imaging manufacturers, Scorpion Vision, enables production line robots to see with almost human-like vision. The company’s 3D Stinger camera can distinguish the exact height, depth and sizes of products, sending information to the robot to adjust where the picking arm goes accordingly. Unlike other 3D vision systems on the market, the 3D Stinger Camera also processes images in ‘real-time’, as Scorpion Vision’s Paul Wilson explains: “Other 3D vision systems have to scan a whole area before the action required by the robot can be processed. This can eat up valuable seconds. However, we have developed a system which works in real-time; constantly updating the image in the field of view. As such, it can work to the top speeds of any robot.”

The camera can be used in a variety of settings including food, automotive and heavy industries.

www.scorpionvision.co.uk

Cognex introduces next generation fixed-mount barcode readers

Cognex has unveiled the DataMan 150, 260 and 360 series fixed-mount, image-based ID readers. These new readers feature: 1DMax with Hotbars 2 technology for high-speed reading of damaged or poorly printed 1-D barcodes; 2DMax and patent-pending PowerGrid technology for reliable reading of challenging 2-D codes, including previously unreadable 2-D codes without visible perimeters; field exchangeable lighting and optics that readily adapt to changing factory conditions and application requirements; and auto-tune and trigger buttons to set up and use the readers easily without a PC.

“Not only do these seven new fixed-mount ID reader products run Cognex’s world-class algorithms to increase read rates and performance, but they also offer the increased ease-of-use, and field exchangeable lighting and optics that our customers require to facilitate integration and reduce overall implementation cost,” said Carl Gerst, Senior Vice President, ID Products.

www.cognex.com/id/

Robust 3D stereo cameras from IDS

The new N30 and N35 Ensenso 3D stereo cameras from IDS Imaging Development Systems are suited to applications in demanding industrial environments. With IP65/67 protection, a high speed GigE interface and a choice of focal lengths and convergence angles, these cameras bring flexibility for imaging both moving and static objects and are equipped with a random pattern generator. This provides texture to ensure that each object point is well characterised for stereo camera images, to allow a complete 3D model to be created. The N35 cameras are also equipped with a FlexView pattern projector for use with static objects, which doubles the effective resolution of the 3D point cloud, ensuring more exact object contours, finer image details and more robust 3D data.

www.ids-imaging.com
Kickstart your company training scheme with PPMA BEST

Established last year, the PPMA BEST (Business, Education, Skills and Training) charity is funded by the PPMA for the benefit of the industry and member companies. Its aim is to address the ongoing sector skills shortage and tackle short and longer term recruitment problems. Our initial strategy is to work with national experts already delivering a range of initiatives, to encourage young people to develop a career in engineering within the processing, packaging, robotics, automation and industrial vision supply industries.

PPMA BEST offers four training programmes to kickstart your company training scheme:

- Science, technology, engineering and maths (STEM) days for secondary schools, delivered by our partner the Smallpeice Trust (www.smallpeicetrust.org.uk). Sponsor company employees can be involved in STEM days, to help stimulate and support a pipeline of students into further study or an apprenticeship;
- Arkwright scholarships for A-level students, to identify, inspire and nurture future leaders in engineering and technical design;
- Engineering apprenticeship awards, to support companies who may not have previous experience of employing an apprentice. PPMA BEST will offer a grant to a sponsoring company taking on an apprentice to help towards the cost of set up and advice. A grant to the apprentice will also be available;
- Engineering undergraduate bursaries, to help encourage and support undergraduates to develop the skills and experience they need to address the shortages in our industries. The bursary is paid equally between PPMA BEST and the sponsoring company, who will also offer the graduate employment for a number of weeks each year.

If your company would like to take part in any of the PPMA BEST schemes, please request an educational grant initial application form from grant.collier@ppma.co.uk. Applications will be treated on a first come, first served basis subject to the eligibility criteria outlined in the initial application form.

Highlighting the importance of automation to manufacturing’s money men

The PPMA has recently been involved with the Automation Advisory Board in delivering a series of webinars on the importance of automation to nearly 1,000 relationship managers from UK banks. Established by The Manufacturer magazine in conjunction with leading automation equipment suppliers, the Automation Advisory Board aims to educate owners, managers and factory directors about what automation equipment can do and the benefits it can bring to UK manufacturing.

Awareness of automation needs to rise to board level in companies of all sizes, but especially larger SMEs where the capital equipment could make a profound difference to winning contracts. Companies in non-automotive sectors, who are often unfamiliar with the range, capability and simplicity of automation kit, need and deserve to know what automation options are available. In today’s competitive global market, it is a business risk not to be informed about the benefits this technology can bring.

For this reason, the PPMA, along with a number of our members, was actively involved in delivering webinars to the banks’ relationship managers on the benefits of automation to manufacturers, particularly SMEs. The relationship managers were then tasked with relaying this information back to their clients, with the aim of opening up access to finance for investment in new automation solutions.

The initiative has been such a success that the webinars are now being rolled out directly to the people holding the purse strings; namely, the finance directors, managing directors and owners of manufacturing firms across the country. “It’s essential that we continue to promote the benefits of automation, as the UK is still lagging behind our European and global competitors in this regard,” says Grant Collier, PPMA Group Head of Marketing. “This initiative is helping us get our message straight to the decision-makers.”

www.themanufacturer.com/automation-advisory-board/
Photonex/Vision UK 2015
14-15 October 2015, Ricoh Arena, Coventry
The UK’s largest event dedicated to photonics and light technologies. Incorporating Vision UK 2015, the key event for vision and imaging technologies.
www.photonex.org

PPMA Chairman’s Lunch
11 December 2015, Houses of Parliament
Join us for first-class networking and superb food at this distinguished and historic venue. FREE event, available to PPMA members only, including a tour of the Houses of Parliament.
E christine.jordan@ppma.co.uk

PPMA Total Show 2016
27-29 September 2016, NEC, Birmingham
The total processing and packaging production line event from design, containers and material to machinery, automation and industrial vision. See p1 for full details.
www.ppmatotalshow.co.uk

PPMA Group Industry Awards 2016
27 September 2016, National Motorcycle Museum, Birmingham
This industry-wide awards event is free to enter for both members and non-members of the PPMA Group. For an online application form go to www.ppmashow.co.uk/awards

Take advantage of FREE editorial opportunities in Machinery Update

By Gail Hunt, Editor of Machinery Update

"Machinery Update is delivered via Royal Mail to 9,500+ named individuals who are involved in either making decisions about purchasing machinery, signing the cheques for such equipment or actually running the packaging or processing lines themselves. A further 75,000+ copies are sent by email. These key specifiers in the food and drink industry, pharmaceuticals and toiletries sectors and other industrial markets read Machinery Update to find out about the latest developments, to see how their competitors are coping with market conditions and to find out how new equipment can help their businesses become more successful. When these readers are working on new projects...you want to be on their contact lists and being in Machinery Update is a foolproof and FREE OF CHARGE way of doing it. And, as only PPMA members are featured in Machinery Update, it is a unique PPMA benefit."

Don’t miss out: send details of your latest developments to publishing@ppma.co.uk today.

Features list 2016

January/February
Fresh produce
Review of the Year

March/April
Meat, fish and other proteins
Foodex Preview

July/August
Automation, robotics and vision

September/October
PPMA Total Show Preview
Logistics and E-commerce

November/December
Pharmaceuticals
PPMA Total Show Review

Send your editorial contributions to publishing@ppma.co.uk
For sales/advertising enquiries contact david.chadd@ppma.co.uk www.machineryupdate.co.uk
Member Benefits

Exhibitions and Events
PPMA Show
- Preferential exhibitor space rates - often saving more than the annual PPMA membership fee!
- UK’s largest machinery exhibition
- Exhibiting members receive opt-in visitor data
- 8,000+ visitors
PPMA Total Show
- Takes place every third year in place of PPMA Show
- In addition to machinery, the event also features materials, containers and packaging design
- Incorporates PPMA, Pakex and Interpack
PPMA Group Industry Awards
- Free to enter
- Open to both members and non-members of the PPMA Group
- Yearly event aimed at raising industry standards and rewarding excellence in manufacturing
Networking events
- Periodic networking events throughout the year for members include Chairman’s Lunches at the Houses of Parliament, driving days and golf days

Membership Services
Machinery finder service
- Web-based search facility with 1200+ classifications
Consultancy
- Preferential rates for employment law, health & safety, technical, tax, R+D credits, insurance etc.
- Free PR advice for members
Free office facilities
- Free meeting rooms and associated office services at PPMA HQ in Surrey
Networking events
- Annual industry awards, golf day and regular free to attend Chairman’s lunches throughout the UK
- Approved Accredited Trade Organisation (ATO) and close relations with UKTI
- Alliances with other leading trade associations

International Services
Overseas exhibitions
PPMA Group pavilion stands make exhibiting easy at:
- Gulfood Manufacturing (Dubai, UAE)
- ProPak Asia (Bangkok)
- ProPak China
- interpack (Germany)

Publishing
Machinery Update magazine
- Only bi-monthly UK machinery publication
- 9,500+ printed and 75,000+ electronic copies sent to end users
- Verified circulation data under three years old
- Members receive free editorial
Processing and Packaging Machinery Directory
- Free company profile
- Annual industry bible for suppliers and buyers
- 1,200 index headings
- Annual circulation 4,000+ end users
Vision in Action
- Circulated with IMVE magazine, Automation magazine, postal mailings, distributed at exhibitions
- Published twice a year
- End-user publication for the machine vision sector

Strategic Alliance Partners (SAPs)
Partnerships with service providers offering preferential rates
- Low cost commercial insurance
- Health & Safety and employment law
- Recruitment
- Training
- Litigation service
- Technical advice
- Driver training and legal compliance
- Energy and utilities

Websites
- www.ppma.co.uk
- www.bar.org.uk
- www.ukiva.org
- Direct links to member sites
- Association activity, breaking industry news, member PRs
- Machinery and service finder
- 42,000+ visitors a month
- Agent and distributor finder
- Secure members’ area
- Technical documents and statistics
- Highly search engine optimised
- Google rankings well above UK average
- Drives traffic to member sites
- Fast email enquiry service
- Free job vacancy section
- International exhibition diary

Technical Services
Technical consultancy
- Access to technical experts and machinery finder service
Technical and regulatory seminars/training
- Comprehensive training seminars
- Free technical telephone support
Health and safety
- Guidance on installations and working practice
Setting of industry standards and technical updates
- Statistics and market intelligence
- Stats and data are compiled and available to members
- Sector sub groups e.g. systems integrators Engagement between academia and industry

Communicate with the PPMA Group Associations

PPMA Group Associations:

Your link to all the right platforms

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