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**7<sup>th</sup> Leading International Trade Fair for Industrial Coating Technology from 17 through 20 April 2018 in Karlsruhe (Germany) with More Exhibition Floor Space**  
**Strong Demand for Booth Locations at PaintExpo 2018**

Oberboihingen, November 2016 – **Although it's only been seven months since PaintExpo 2016 closed with record breaking results, promoters FairFair GmbH are already able to report lively demand for exhibition floor space at the upcoming, leading international trade fair for industrial coating technology: at the beginning of November 2016, 170 companies had already made firm bookings for their booth locations at PaintExpo from the 17<sup>th</sup> through the 20<sup>th</sup> of April, 2018. With roughly 75,000 square feet, net exhibition floor space already amounts to more than 50% of the level reached at the last event. And thus for PaintExpo 2018, booth floor space offerings will be significantly increased.**

PaintExpo 2016 received top scores and set new standards with regard to exhibitor and visitor numbers, as well as internationalism. With 10,522 visitors from 74 countries, the leading international trade fair for industrial coating technology observed an increase of 14.8%. And it's no wonder, because with its comprehensive overview of the industrial coating technologies market, PaintExpo is meanwhile the number one information and procurement platform for users from all over the world. "PaintExpo is the global showcase of the painting industry, which makes it an absolute must for us. It's the most effective way to present our product range and new developments to international expert visitors, and we'll exhibit again in 2018 as a result", explains Andrea Ortelli, export manager for Italian paint manufacturer Arsonsisi. And the fact that he's not alone with this assessment is already demonstrated by the star studded exhibitor list 17 months before PaintExpo 2018 opens its doors. Roughly 170 companies from 15 countries have already made firm bookings and secured ideal booth locations. They include nearly all of the national and international heavyweights from the various exhibition segments.

### **PaintExpo 2018 with Additional Exhibition Hall**

With roughly 75,000 square feet, net exhibition floor space already amounts to more than 50% of the level reached at the last event. This extremely strong, early demand for booth floor space illustrates the importance of PaintExpo amongst the suppliers of products and services from the field of industrial coating technology. "We're of course very pleased that the companies are deciding to book so early, and it provides us with the opportunity of clearing the path for further growth. That's why we've increased exhibition floor space offerings to include an additional hall. This is being very well received by the exhibitors so that we've been able to distribute visitor magnets uniformly throughout all of the halls", reports Jürgen Haußmann, managing director of FairFair GmbH.

### **Procurement Platform for Future-Oriented Painting and Coating**

Worldwide demand for optimised painting and coating solutions speaks in favour of strong further development of PaintExpo where visitor numbers are concerned as well. "Regardless of where products need to be painted, users from the various regions around the world are generally placing ever higher demands on finished goods. In addition to optimised quality and productivity, this also involves more efficient use of materials and resources, as well as sustainability. Beyond this, ever smaller lot sizes and increasing individualisation necessitate more flexible solutions in the field of coating technology. New challenges for coating job-shops and companies with in-house painting operations are also resulting from the use of new materials, for example fibrous composite materials for lightweight parts, as well as the use of various materials within a single finished product. "Thanks to an exhibition programme which is focused exclusively on liquid painting, powder coating and coil coating, as well as market-driven, representative and future-oriented exhibitor offerings, PaintExpo 2018 will be a point of departure for the visitors in their search for suitable solutions based on products and processes", states Jürgen Haußmann with confidence.

The exhibition programme covers liquid painting, powder coating and coil coating systems, application systems and spray guns, liquid paints and powdered enamels, automation and conveyor technology, cleaning and pre-treatment, drying and curing, environmental technology, pneumatics, compressed air supply and exhaust purification, water treatment, recycling

and disposal, accessories, measuring and test technology, quality assurance, paint stripping, job-shop coating, services and technical literature. Beyond this, downstream process steps such as printing and packaging are covered as well.

Further information and a preliminary exhibitor list can be accessed at [www.paintexpo.de](http://www.paintexpo.de).

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Press Release 3 (November 2017)

**7<sup>th</sup> World's Leading Trade Fair for Industrial Coating Technology from 17 to 20 April 2018 in Karlsruhe (Germany)**

## **PaintExpo Headed for Record-Breaking Numbers**

**Oberboihingen – Where painting and coating processes are concerned, coating job-shops and companies with in-house painting operations around the world are facing the challenge of reducing costs, and at the same time enhancing the quality, the productivity, the flexibility and the sustainability of the painting process. Appropriate solutions will be presented at PaintExpo, whose exhibitor list already includes roughly 450 companies five months before the event opens (status as of 10 November 2017). The exhibition programme at the world's leading trade fair for industrial coating technology at the Karlsruhe Exhibition Centre from 17 through 20 April 2018 ranges from pre-treatment right on up to quality control and packaging.**

Whether industrial manufacturing or the production of consumer goods is involved, industrial coating technology plays a decisive role as a key technology. Depending on the product and the task at hand, various functional and decorative requirements need to be fulfilled. Regardless of whether metals, plastics, wood and wooden materials, glass or composites have to be coated, demands placed upon quality and individuality are increasing continuously around the globe. And cost pressure is increasing at the same time. The competitiveness of coating operations will depend to a great extent on whether or not they succeed in painting at even higher levels of quality, and at the same time more flexibly, more ecologically and more economically, as well as in a more resource-conserving manner. PaintExpo, taking place at the Karlsruhe exhibition Centre from 17 to 20 April 2018, will present offerings to this end which are unparalleled anywhere else around the world. 450 companies have already made firm bookings for their booths, including all of the market and technology leaders. "Renowned companies who haven't previously exhibited have also registered for the upcoming PaintExpo. And thus it's already plainly apparent today that we'll present the visitors with the world's most up-to-date and comprehensive offerings for industrial coating technology, and

thus for dealing with the challenges they're faced with", reports Jürgen Haußmann, managing director of event promoters FairFair GmbH.

### **Solutions Ranging from Pre-Treatment right on up to Final Inspection**

Whether liquid painting, powder coating or coil coating is required, the exhibition program of the world's leading trade fair covers the entire process sequence for industrial coating technology. Amongst other things, developments for the treatment of multi-metal substrates will be presented in the field of pre-treatment in addition to wet chemical processes such as iron and zinc phosphatising, as well as nano-ceramic systems. Due to their space-saving and resource-conserving modes of operation, as well as their ability to be integrated inline, dry pre-treatment processes like CO<sub>2</sub> snow-jet and plasma cleaning are becoming more and more significant.

The trend towards ever smaller manufacturing lots, a growing multitude of colours and increasing individualization is being responded to by the manufacturers with system and optimisation concepts which are consistently laid out for flexibility and efficiency, and assure ideal coating quality. Innovative masking solutions are also generating savings. Painting robots and automation solutions which have been specially developed for the coating industry, as well as spray guns and high-speed rotary atomisers laid out for maximised efficiency, permit targeted application and reduced scrap, and thus cost reductions too. A further approach to reducing material consumption and increasing flexibility involves intelligent paint logistics with flexible paint feeding systems. Where efficient overspray scrubbing is concerned, demand is continuously increasing for dry scrubbing systems. New, optimised drying technologies and conveyor systems are making a contribution to reduced energy consumption, and thus to lower unit costs as well. They're laid out to minimise the loss of conditioned air and heat.

In the field of liquid painting, the trend continues towards painting systems which permit a reduction in the number of required painting steps. Efforts to replace solvent-based paints with water-based systems also continue uninterrupted. In the field of powder coating, low-temperature, thin-film and so-called "powder-in-powder" coating systems are promoting reduced consumption of energy and materials, as well as increased productivity.

## Info Box

The 7<sup>th</sup> world's leading trade fair for industrial coating technology will take place at the Karlsruhe Exhibition Centre from the 17<sup>th</sup> through 20<sup>th</sup> of April, 2018. PaintExpo's exhibition programme covers coating equipment for liquid, powder, UV, immersion and coil processes, paints and enamels for all processes, application systems and spray guns, automation and conveyor technology, cleaning and pre-treatment, drying and curing, environmental technology, pneumatics, compressed air supply and exhaust purification, water treatment, recycling and disposal, accessories, masking, measuring and test technology, quality assurance, identification, paint stripping, job-shop coating, services and technical literature.

Further information and a preliminary exhibitor list can be accessed at [www.paintexpo.de](http://www.paintexpo.de).

Captions:

Photo: PaintExpo\_2016\_Gang\_6



The exhibition programme at PaintExpo covers the process sequences for liquid painting, powder coating and coil coating from pre-treatment right on up to quality control.

Image source: PaintExpo

Photo: Dürr\_Roboter\_HRZ



The ready-to-use compact robot, equipped with ultramodern application technology which is matched to the respective application, was specially developed for automated paint application for general industrial use.

Image source: Dürr Systems AG

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Press release 4 (January 2018)

## **7<sup>th</sup> World's Leading Trade Fair for Industrial Coating Technology from 17 to 20 April 2018 in Karlsruhe (Germany) Solutions for Trends in Industrial Coating Technology**

**Oberboihingen – Improving material and energy efficiency, optimizing quality, increasing flexibility, reducing unit costs and digitalising manufacturing processes – these are a few of the significant trends which are occupying companies with in-house coating operations. PaintExpo exhibitors will present new products and further developments for the implementation of these trends, which also contribute to a sharper competitive edge. The world's leading trade fair for industrial coating technology will take place at the Karlsruhe Exhibition Centre from the 17<sup>th</sup> through 20<sup>th</sup> of April, 2018.**

Whether liquid painting, powder coating or coil coating is involved – running processes more efficiently and sustainably, improving coating quality and enhancing productivity are being targeted on the one hand. Changing requirements with regard to product individualisation and digitalisation of manufacturing processes are being tackled on the other hand. Exhibitors at the upcoming PaintExpo, being held at the Karlsruhe Exhibition Centre from 17 to 20 April 2018, will offer a broad range of innovations and further developed products and services for the fulfilment of these tasks. The list of participating companies includes practically all of the sector's market and technology leaders. "This makes it possible for job-shop coaters and visitors from companies with in-house coating operations to gather comprehensive information about the most up-to-date developments and trends in the field of industrial coating technology. At the same time, corresponding investment decisions can be prepared and implemented which contribute to the firming up and expansion of one's competitive position within the global market", reports Jürgen Haußmann, managing director of event promoters FairFair GmbH.

### **Improving Material Efficiency**

Increasing material efficiency is an issue for which the exhibitors present innovative solutions. Attention is focused on application systems both with and without electrostatic charging, which per se permit higher levels of

material efficiency. For example, spray guns with electrostatic charging for manual and automatic application of liquid paints will be presented, by means of which significant material savings can be realised. In the case of large automated painting lines, high-speed rotary atomisers – with adjustable spray-jet width as well – permit efficient material usage. And layer thickness can be ideally matched to the object to be painted with devices for contactless, online layer thickness measurement. In addition to material savings, this results in improved coating quality and minimal scrap rates. Optimal alignment of the application system to the object to be painted also has a significant influence on material efficiency. Laser scanning systems are available to this end for liquid painting as well as powder coating, which precisely detect the contour of the object to be coated and automatically compile the object's shape in combination with the controller using 3D software, correspondingly position the spray gun's axes and adjust the coating parameters.

A further approach to improving material efficiency involves pigment feeding. Savings are made possible in this regard through the use of systems for, amongst other things, intelligent control of colour changeovers and/or rinsing processes, as well as improved pigment dosing. Generally speaking, electronic monitoring of parameters such as pressure, temperature and output increases transparency, thus making it possible to set up processes more efficiently. Corresponding control solutions will also be showcased at PaintExpo.

As a result of the trend towards greater individualisation, demand for multicolour coatings is continuously on the rise. The goal is to be able to apply coatings without any masking at all, or with significantly reduced masking work and less overspray. An application implemented in the field of aviation demonstrates that this is feasible. It's used to add decoration to an aircraft tail fin without any overspray through the use of individual droplets. Spray film is another approach which can be applied with a very sharp edge and simply pulled back off again later.

#### **Automation and Industry 4.0**

Manual painting work will remain indispensable in the future, but there's a trend towards the automation of application processes where series painting is concerned. This is being driven by the development of small, low-cost, easy-to-program robots. They permit high levels of reproducibility

and process quality, and thus contribute to improved efficiency and a sharper competitive edge for companies with in-house painting facilities.

Beyond this, high-performance manufacturing execution systems (MES) will also be presented as a key component for efficient manufacturing. They network the factory throughout the entire manufacturing process (horizontally), as well as through all process levels (vertically). This permits integrated data acquisition, analysis and graphic display in real-time. If acquired data regarding the condition of the system, the processes and the products are analysed and linked to each other, the systems can also be rendered intelligent and self-regulating by means of knowledge-based algorithms.

PaintExpo's complete exhibition programme covers coating equipment for liquid, powder, UV, immersion and coil processes, paints and enamels for all processes, application systems, spray guns and atomisers, automation and conveyor technology, cleaning and pre-treatment, drying and curing, environmental technology, pneumatics, compressed air supply and exhaust purification, water treatment, recycling and disposal, accessories, masking, measuring and test technology, quality assurance, identification, paint stripping, job-shop coating, services and technical literature.

Further information and a preliminary exhibitor list can be accessed at [www.paintexpo.de](http://www.paintexpo.de).

Captions:

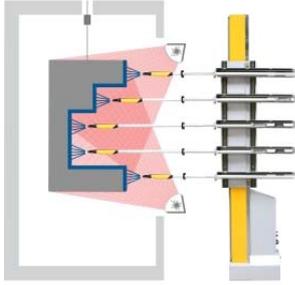
Photo: Wagner\_Nasslack\_Elektrostatik



Application efficiency for liquid painting can be significantly increased with the help of new electrostatic spray guns.

Image source: Wagner Group

Photo: GEMA\_Dynamic\_Contour\_Detection



The geometry of the object to be painted, which is precisely acquired by the laser contour scanner, is automatically compiled by the controller with 3D software, after which the spray gun's axes are positioned automatically and the coating parameters are adjusted for automated powder coating.

Image source: GEMA

Photo: PE\_2016\_PR4



With its comprehensive exhibition program, PaintExpo provides solutions to the challenges presented by liquid painting, powder coating and coil coating.

Image source: PaintExpo

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Press Release 5 (February 2018)

## **7<sup>th</sup> World's Leading Trade Fair for Industrial Coating Technology from 17 to 20 April 2018 in Karlsruhe with Record-Breaking Participation PaintExpo – Innovations and Solutions from More than 520 Exhibitors**

Oberboihingen – **PaintExpo 2018 is stepping up to the starting line with record-breaking participation once again. More than 520 exhibitors will be on hand when the 7<sup>th</sup> edition of the world's leading trade fair for industrial coating technology opens its doors on the 17<sup>th</sup> of April. Companies from 29 countries, including all of the sector's market and technology leaders, will present innovations and further developments for the optimisation of liquid painting, powder coating and coil coating processes on 165,000 square feet of net exhibition floor space.**

PaintExpo will transform the Karlsruhe Exhibition Centre into a hub for industrial coating technology from the 17<sup>th</sup> through the 20<sup>th</sup> of April, 2018. With more than 520 exhibitors and roughly 165,000 square feet of net exhibition floor space – a 15% increase as compared with 2016 – the 7<sup>th</sup> edition of world's leading trade fair for industrial coating technology will be the largest to date and will be held for the first time in three halls at the Karlsruhe Exhibition Centre (Germany). The exhibiting companies come from 29 countries – roughly 36% from outside of Germany. And thus internationalism is also on the rise once again for PaintExpo.

### **Solutions for All Sectors, All Materials and All Applications**

Globally unique offerings for coating and painting all materials, in all industry sectors and for all applications will await visitors from companies with in-house coating operations and job-shop coaters. PaintExpo's exhibition programme covers coating equipment for liquid, powder, UV, immersion and coil processes, paints and enamels for all processes, application systems, spray guns and atomisers, automation and conveyor technology, cleaning and pre-treatment, drying and curing, environmental technology, pneumatics, compressed air supply and exhaust purification, water treatment, recycling and disposal, accessories, masking, measuring and test technology, quality assurance, identification, paint stripping, job-shop coating, services and technical literature.

## **Experience Innovations Live**

“Whether for liquid painting, powder coating or coil coating, the exhibitors will present new and further developed products, processes and services in all segments, and will highlight current trends. These solutions are laid out to further enhance quality, energy and materials efficiency, flexibility and sustainability”, reports Jürgen Haußmann, managing director of event promoters FairFair GmbH. A further issue on which attention will be focused at this year’s PaintExpo is the digitalisation of painting processes and the integration of Industry 4.0 into painting operations. “New products are traditionally presented to the expert visitors at the trade fair – often in the form of live presentations”, adds Jürgen Haußmann. Amongst others, these include a self-programming painting cell for the efficient coating of products with a manufacturing lot quantity of 1, as well as highly flexible, easy-to-program painting robots and automation solutions which have been specially developed for industrial applications. New solutions for blasting, grinding and ionising metal, plastic and wooden surfaces will be premiered at PaintExpo, as well as products and processes for more economic and environmentally friendly cleaning and pre-treatment, along with system concepts which reduce energy consumption for powder coating and liquid painting processes, and at the same time increase flexibility with regard to coating, lot quantities and expandability. Where application is concerned, new and enhanced paint guns and atomisers, as well as alternative atomising gases, are increasing material efficiency and improving quality. Product developments with optimised functional and decorative properties are opening up new opportunities and making it possible to reduce the required number of painting steps in the case of liquid paints, UV paints and powdered enamels. Current innovations for dry scrubbing solutions, test and inspection systems, accessories such as covering materials, painting hangers, filters and pumps, as well as paint stripping and packaging solutions are no less interesting.

PaintExpo will take place at the Karlsruhe Exhibition Centre from the 17<sup>th</sup> through the 20<sup>th</sup> of April, 2018. The world’s leading trade fair for industrial coating technology will be open Tuesday through Thursday from 9 a.m. to 5 p.m., and on Friday from 9 a.m. to 4 p.m. Further information, the exhibitor and product index and the ticket shop can be accessed at [www.paintexpo.de](http://www.paintexpo.de).

Photo: PE\_2016\_S54



Photo: PE\_2016\_S18



Photo: PE\_2016\_S82



Image source: PaintExpo

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Press Release 6 (17 April 2018)

**7<sup>th</sup> World's Leading Trade Fair for Industrial Coating Technology from 17 to 20 April 2018 in Karlsruhe (Germany)**

## **PaintExpo Continues its Success Story with New, Record-Breaking Participation**

**Oberboihingen – 537 exhibitors exclusively from the field of industrial coating technology will participate at PaintExpo from the 17<sup>th</sup> through the 20<sup>th</sup> of April. The seventh world's leading trade fair is thus able to announce a new record. With 168,700 square feet, net exhibition floor space has also increased significantly so that this year's PaintExpo will be held in three halls at the Karlsruhe Exhibition Centre for the first time.**

The seventh edition of PaintExpo will continue the success story it started in 2006. With 537 exhibitors, this year's world's leading trade fair for industrial coating technology from the 17<sup>th</sup> through the 20<sup>th</sup> of April will record an increase of 7.2% as opposed to 2016. Practically all world market and technology leaders will be represented at the event, as well as the major players from the respective industry sectors. The exhibiting companies come from a total of 29 countries. 36.3% of them come from outside of Germany, which corresponds to an increase of roughly 5% as compared with the previous event.

Net exhibition floor space has grown by 16.6% to a total of 168,700 square feet. "High levels of demand for booth locations at PaintExpo 2018, which materialised directly after the successful event in 2016, put us in the happy situation of being able to set the course for further growth at an early stage and increase floor space offerings to include an additional exhibition hall. And thus PaintExpo will take place this year for the first time in three uniformly well-occupied exhibition halls at the Karlsruhe Exhibition Centre", reports Jürgen Haußmann, managing director of trade fair promoters FairFair GmbH. And thus the trade fair is expanding upon its leading position as *the* global information and procurement platform for industrial coating technology.

**Innovative Solutions for Future-Oriented Painting and Coating**

PaintExpo's exhibition segments include products, processes and services for liquid painting, powder coating and coil coating. The programme covers the entire process sequence from pre-treatment right on up to quality control. "Numerous new and further developed solutions will be exhibited once again in all segments, because PaintExpo is **the** platform at which suppliers present their new products to expert visitors for the first time. Many of these new products are showcased impressively at live demonstrations", says the trade fair promoter.

Offerings encompass solutions for painting and coating metallic materials, plastics, glass, wood, wooden materials and more. The industry sectors from which the visitors originate are correspondingly diversified covering a broad range, for example the automotive industry, architecture, construction machinery, leisure products, household appliances, cosmetics, plastics processing, job-shop coating, metalworking, the furniture industry, packaging and the service industry.

PaintExpo will take place at the Karlsruhe Exhibition Centre from the 17<sup>th</sup> through the 20<sup>th</sup> of April, 2018. The world's leading trade fair for industrial coating technology will be open Tuesday through Thursday from 9 a.m. to 5 p.m., and on Friday from 9 a.m. to 4 p.m. Further information, the exhibitor and product index and the ticket shop can be accessed at [www.paintexpo.de](http://www.paintexpo.de).

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