



INTERNATIONALE FACHMESSE
MIT KONGRESS
INTERNATIONAL TRADE FAIR
WITH CONGRESS

- PERSÖNLICHER SCHUTZ
SAFETY
- BETRIEBLICHE SICHERHEIT
SECURITY
- GESUNDHEIT BEI DER ARBEIT
HEALTH AT WORK

www.AplusA.de

Press Tour A+A 2021

on 26 October 2021, 11.00 a.m.

protecting planet - uvex makes an important contribution to environmental protection through sustainable production of PPE

UVEX SAFETY GROUP GmbH & Co. KG
Hall 1 / Stand A85

The motto protecting people stands for uvex's holistic approach of always keeping responsibility towards society and the environment in mind when producing solutions and products. In its factories, uvex is working hard to increase energy efficiency and is doing everything it can to become carbon-neutral in the near future. High-quality standards of the products are combined with the development of recycling concepts and the use of bio-based materials. The durability and long service life of the products helps to reduce waste and conserve resources. The completely new and environmentally friendly product system, which will be presented at A+A 2021, includes the uvex 1 G2 planet safety shoe, the uvex Bamboo Twinflex D xg planet cutting glove or the fully compostable uvex suxceed greencycle planet clothing.

Corporate Fashion Lounge presents Autostadt-Collection

Jefferys GmbH
Hall 5 / Stand B21

In 2019, the A+A trade show management began working with corporate fashion specialist Jefferys. The Darmstadt-based agency has conducted a broad-based study of the corporate fashion industry's need for its own trade show format. The starting signal for the implementation of the study recommendations is this year's Corporate Fashion Lounge "by A+A". Jefferys, as co-host, will present the new employee collection of the Autostadt in Wolfsburg right next to the lounge as an example of the fascination and complexity of corporate fashion. 2,000 employees were newly dressed from head to toe in 2021. This comprehensive project demonstrates the transformation of workwear – corporate fashion no longer means uniform, but becomes a collection of favorite pieces. The diversity of all employees is taken into account and a common identity is created. With classic items such as jackets and blazers, sporty polo shirts and chinos, winter jackets and knitwear, accessories and branded sneakers, all areas of corporate clothing are covered. In 2023, there are plans to further develop the lounge into a Corporate Fashion Area – a space specifically for exhibitors from the industry, with fashion shows and an accompanying program.



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Mitgliedschaften der
Messe Düsseldorf:

 The global
Association of the
Exhibition Industry

 Ausstellungs- und
Messe-Ausschuss der
Deutschen Wirtschaft

 FKM – Gesellschaft zur
Freiwilligen Kontrolle von
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Öffentliche Verkehrsmittel:
U78, U79: Messe Ost/Stockumer Kirchstr.
Bus 722: Messe-Center Verwaltung



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"Skyvest" - The waistcoat with integrated airbag

SKYLOTEC GmbH

Hall 6 / Stand G1

Even a fall from heights below two meters can result in serious injuries. With the "Skyvest" airbag vest, SKYLOTEC presents a solution that reduces this risk – and is equipped with an intelligent sensor-controlled protection system. In case of a fall, the airbag inflates within 0.2 seconds and protects vital body parts.

Mask stockpiles for demand peaks

Drägerwerk AG & Co. KGaA

Hall 6 / Stand E05

When the Corona pandemic broke out, the demand for certified personal protective equipment (PPE) was well above the capabilities of manufacturers worldwide. This will be different in the future: In order to meet both the regular needs of industry and the special requirements of hospitals and healthcare facilities in the event of a pandemic, Dräger has begun offering individual stockpiling concepts for FFP masks ^[1]

At the A+A in Düsseldorf, Dräger will also show for the first time a dispenser filled with Dräger X-plore 1920 and 1720 FFP masks. The vending machine offers a maximum capacity of 840 masks and can be filled on five levels.[2] It can be used in stand-alone operation or in combination with the Rental Robot cabinet modules – Dräger's automated material logistics solution for safety technology.



Virtual reality for firefighting exercises and training

Northdocks GmbH

Hall 6 Stand / E42

Firefighter VR offers custom-made, detailed simulations of real operational routines and conditions, making users feel like actually being in the simulated environment. We transfer systems, vehicles and equipment into the virtual world and make them usable in VR. You can

^[1] The abbreviation FFP stands for Filtering Face Piece.

^[2] For the FFP dispenser that will be exhibited at the A+A, the quantities differ.



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learn and practice routines and how to deal with extreme situations without endangering any equipment, infrastructure or employees.

Exoskeletons: More strength, endurance and safety

Ottobock SE & Co. KGaA & Fraunhofer IPA

Hall 10 / Stand H40-H42

Paexo exoskeletons are worn like a backpack and relieve the musculoskeletal system during physical demanding activities - for example when working overhead or lifting heavy objects. The goal: to minimise work-related musculoskeletal disorders (MSDs) while reducing fatigue and improving working conditions sustainably. Bionic exoskeletons, such as the Paexo series from Ottobock, support individual body segments with a smart energy harvesting method without requiring an external energy source. Through the utilisation of springs or elastics, the systems store the body's own energy and release it back to the user during physically demanding postures and movements (energy harvesting), thereby lightening the load.

This reduces physical strain, especially where lifting and carrying activities are part of everyday work, for example in logistics. Find out more at www.paexo.com and via the QR code.



In the Robotics Park, manufacturers of exoskeletons will present themselves together with the Fraunhofer IPA. The Robotics Park is divided into the Self Experience Space and the Exoworkathlon. In the Self Experience Space, the following manufacturers of exoskeleton solutions will be presenting their products, which visitors can try out for themselves: Ottobock SE & Co. KGaA, Japet Medical Devices SAS, Iturri, German Bionic Systems GmbH, Ergoschutz GmbH and suitX Inc.

The Exoworkathlon is a live study conducted by the Fraunhofer IPA and the IFF Stuttgart. The data collected during the Exoworkathlon is used to scientifically evaluate the extent to which these exoskeletons reduce muscular and skeletal strain and increase performance.



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More Highlights at A+A 2021

Innovative cooling waistcoat for top sports and hospital staff

Inuteq International B.V.

Hall 5 / Stand F42

In early 2019, Inuteq was asked to develop custom-made cooling waistcoats for the Tokyo Olympics. When the pandemic hit, the Olympics were also postponed. Team Netherlands medical staff then donated the cooling vests to hospital staff who are exposed to great heat stress when treating Covid patients. This is due to the airtight protective suits that medical staff have to wear to limit the risk of infection. The cooling waistcoat allows several hours of work under extreme conditions. The same cooling waistcoat is now used by many top athletes and has also found its way into the industrial safety market, such as firefighters, glass and metal industry, chemical industry, welders, but also in the office where there is no air conditioning. Overheating can be disastrous for the human body, so cooling down is an essential part of protection, especially when exercising or working in hot places. Staying cool can make the difference between optimal concentration and being unwell (or uncomfortable).

Whatever the situation, INUTEQ's personal cooling solutions offer a durable and reliable way to relieve heat stress. INUTEQ works in close strategic partnership with innovators in technology and medicine, as well as leaders in the fashion industry, and has provided many high-profile athletes and Olympians with the gear they need to stay cool.



More Power for more Safety: Airport Fire Brigade relies on state-of-the-art technology for its fire fighting vehicles

Airport Düsseldorf GmbH Airport fire brigade

Hall 6 / Stand D71

The FLF 5 is one of 8 airfield fire-fighting vehicles at the Düsseldorf Airport. It belongs to the latest generation of Panther fire-fighting vehicles. With its 2 engines of 750 hp each and a total output of 1,500 hp, the FLF reaches a top speed of up to 145 km/h. Its pump delivers 10,000 liters per minute at a pressure of 1,500 bar. Its pump delivers 10,000 liters per minute at a pressure of 10 bar. It has 12,500 liters of water, 1,500 liters of foam agent and 250 kg of extinguishing powder on board and is thus optimally equipped for use in fighting aircraft fires.



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Varied, balanced and appropriate: Impulses for a healthy level of nutrition and exercise at work

German Federal Ministry of Food and Agriculture

Federal Initiative IN FORM

Hall 10 / Stand E42-E53

The Nutrition Report 2021 commissioned by the German Federal Ministry of Food and Agriculture (BMEL) makes the good intentions of citizens clear: for over 90 % of those surveyed, food must taste good and be healthy. To make it as easy as possible to implement these expectations and intentions in everyday working life, the National Action Plan IN FORM provides a variety of impulses for a health-promoting environment and a balanced lifestyle.

IN FORM will present itself together with various players from the areas of company health management, community catering and company sports at A+A 2021 and will offer extensive information and discussion opportunities as well as varied lectures by and with experts from the German Federal Ministry of Food and Agriculture, the Federal Centre for Nutrition, the German Nutrition Society, the German Association for Health Sports and Sports Therapy and the German Company Sports Association. Once again, the wooden spoons will be wielded when organic top chef Tino Schmidt presents IN FORM recipes from communal catering in the show kitchen. The programme is rounded off by short rounds of talks with interesting guests on the stand, led by radio and TV presenter Anja Backhaus.



Meet the Youngster of the Industry

START-UP ZONE & BMWI Community Booth

Hall 10 / Stand H32 and Hall 10 / Stand G32

In the START-UP ZONE, young and creative companies present their innovations to a high-caliber expert audience from all areas of occupational safety and health. Whether health apps, innovative services or high-tech textiles and wearables: there are no limits to the topics. The start-ups at A+A 2021 enrich the world's leading trade fair with new ideas. Participants this year are: BASIKNET Gesellschaft für Arbeitsschutz mbH (provider of in-house training), Betterguards Technology GmbH (innovative safety footwear), CBR Rock Master (fall protection), Haven Technologies UK Ltd (Bluetooth hearing protection), lawpilots GmbH (online training), Minuendo AS (wearable technologies), Nanjing Meiyin Acoustics Technology Co (hearing protection), Ltd and SUHYUNTECH Co, Ltd. (head protection).



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Honeywell Miller® H500 Safety Harness: Combining Protection and Innovative Design

Honeywell Safety Products Europe SA
Hall 4 / Stand C57

The Honeywell Miller® H500 safety harness will be featured at this year's A+A event, which brings together safety, quality and comfort. Its new, patented shoulder and back padding design minimizes muscular fatigue, meaning that workers at height can do their jobs without risking overexertion that could lead to serious injuries. As a 2021 Red Dot Design Award winner, the harness was recognized for its best-in-class design and ability to marry functionality and safety.

