



# 42<sup>nd</sup> Motek

International trade fair  
for automation in production and assembly

 **08.-11. October 2024**

 **Stuttgart**



## 17<sup>th</sup> Bondexpo

International trade fair  
for bonding technology

# auto- mation intelligence for production and assembly

## Visitor Information

### **Motek/Bondexpo 2024: Distinct Profile, Key Topics**

Motek/Bondexpo covers the entire process sequence for economical production and assembly automation – from components and modules, right on up to subsystems and complete solutions.



# Motek/Bondexpo: Clear-Cut Profile with Thematic Structure Throughout the Process Sequence

We look forward to welcoming you to the 42<sup>nd</sup> Motek international trade fair for automation in production and assembly, together with the 17<sup>th</sup> Bondexpo international trade fair for bonding technology, in Stuttgart from the 8<sup>th</sup> through the 11<sup>th</sup> of October, 2024! Industrial suppliers and users meet at this traditional, autumn trade fair highlight to improve **manufacturing processes** and make them **more economical**, because the manufacturing industries need advanced solutions in order to remain competitive.

Once again this year in combination with the Bondexpo international trade fair for bonding technology, the Motek international trade fair for automation in production and assembly will be a pivotal cornerstone in the trade fair calendar for the automation sector, because Motek/Bondexpo is

recognised as an outstanding platform for in-person technical discussions and **direct business success**. Manufacturing companies are facing major challenges – the focus is on efficiency, cost-effectiveness and the conservation of resources, as well as compensating for the shortage of qualified personnel. Automation is advancing as a result, and digitalisation will continue to become an integral part of production processes.

Practical solutions for systemic, sustainable production will be at the centre of attention at Motek/Bondexpo. Anyone from the manufacturing industries looking to automate a process or function, regardless of the sector, will find the right components and solutions at Motek/Bondexpo. Our traditional autumn event will provide the industry with new impetus in terms of economy, efficiency and flexibility.



## Trade Fair Opening Hours

Tuesday the 08<sup>th</sup> through Friday the 11<sup>th</sup> of October, 2024

Tuesday through Thursday: 9 a.m. to 5 p.m.

Friday: 9 a.m. to 4 p.m.

## Motek Nomenclature (short survey)

- Assembly systems and basic systems
- Handling technology
- Process technology for joining, machining, inspection and identification
- Components for special machine manufacturing
- Software and services

 [Download Nomenclature](#)







# Motek/Bondexpo 2024: Distinct Profile, Key Topics

Motek/Bondexpo covers the entire process sequence for economical production and assembly automation – from components and modules, right on up to subsystems and complete solutions. The range of topics covered by the Motek/Bondexpo trade fair for production and assembly automation and bonding technology has to offer the industry sector all the solutions it requires in order to meet these challenges.

The **range of topics** addressed by Motek is focused primarily on **four main aspects**:

## - Networked, Smart Production Components

Smart grippers with sensors, handling systems, handling solutions, intelligent screwdriving technology, smart linear technology, mechatronic systems, smart drives, feed components etc.

## - Assembly Assistance Systems

Assistance systems for manual and semi-automatic workplaces, assisted parts picking, assisted assembly, automated bin picking, co-working with cobots, automated parts staging, automated parts discharge etc.

## - Solutions for Easy Implementation and Commissioning

Simulation by means of digital twins, plug & play solutions, starter kits etc.

## - Object Detection and Image Processing

Sensors, cameras, identification systems for parts detection, position detection, position control, visualisation, software, AI systems etc.

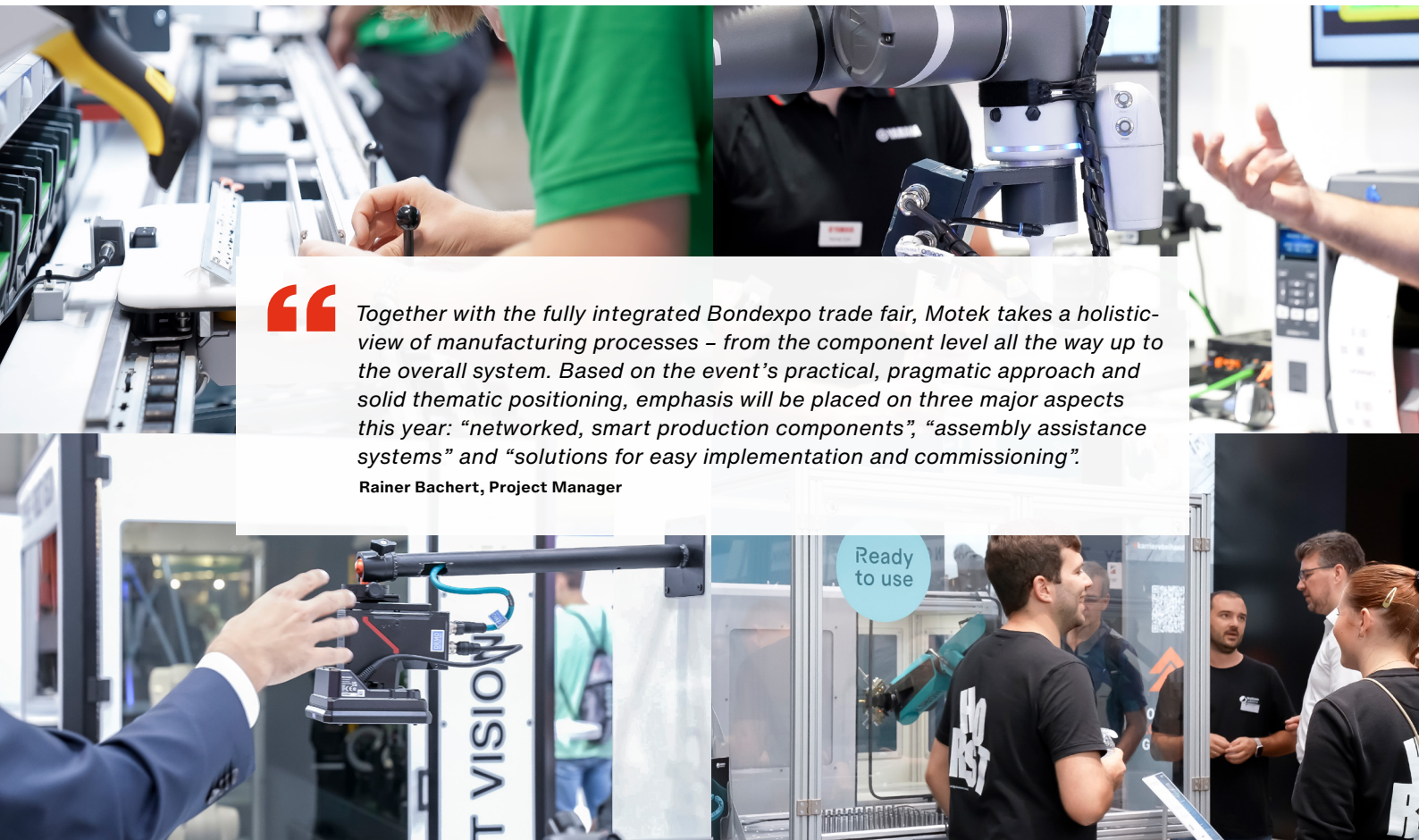


[More information](#)



*Together with the fully integrated Bondexpo trade fair, Motek takes a holistic view of manufacturing processes – from the component level all the way up to the overall system. Based on the event's practical, pragmatic approach and solid thematic positioning, emphasis will be placed on three major aspects this year: “networked, smart production components”, “assembly assistance systems” and “solutions for easy implementation and commissioning”.*

**Rainer Bachert, Project Manager**






## Modern Joining and Bonding Technology: Focus on Efficiency!

Modern joining and bonding technology is an integral part of modern production processes. The Bondexpo international trade fair for bonding technologies will exhibit stand-alone and system solutions for joining and fastening components and modules in preassembly and final assembly. Many aspects of industry and trade would be inconceivable without industrial joining and bonding technology, and it's becoming increasingly important because bonded products can **improve** both **energy** and **material efficiency** by comparison with alternative products.

 [Bondexpo](#)  [LinkedIn](#)

 Products for a sustainable circular economy have to be durable, repairable, energy-saving and recyclable – and adhesive technology is playing an increasingly important role in this regard. For example, lightweight designs with smart materials, which can often only be bonded, are becoming more and more important. Lightweight materials save considerable amounts of energy, especially in the transport sector, in electric vehicles and in wind power and photovoltaic systems. Bonding technology is a **key factor** for **future-oriented production** – and an integral topic at Motek/Bondexpo!

 [Bondexpo website](#)



*A personal dialogue between suppliers and users at the expert level is indispensable for technological progress. That's why Motek/Bondexpo will once again be a popular meeting place for the industry this autumn, where decisionmakers can successfully advance their plans.*

Bettina Schall, Managing Director, P. E. Schall GmbH & Co. KG



# Be Smart. Be Part!



## Reasons for Experiencing #Motek2024 Live!

- 1** At Motek/Bondexpo, you'll experience the latest solutions for the complex requirements of competitive industrial manufacturing – live, on-site.
- 2** As soon as you arrive at the exhibition centre, you'll enter into a direct technical exchange with a highly specialised expert community.
- 3** Individual solutions for various production setups with efficient, cutting-edge technologies will be presented and explained to you in the modern, bright exhibition halls.
- 4** The unique complexity of possible solutions and the comprehensive overview of variants, which can only be found at specialised trade fairs, provide you with reliable support for your investment plans.
- 5** You'll experience technical innovations and digital trends with all of your senses, from which your business will undoubtedly gain new ideas and impetus.
- 6** There's no substitute for a personal, face-to-face exchange at the trade fair, because good business with capital goods is a matter of trust.
- 7** The open and routined atmosphere at Motek/Bondexpo promotes intensive dialogue at the trade fair booths, which are ideally suited to this end.
- 8** Valuable, long-lasting business relationships always evolve at the event.
- 9** And thus exhibitors, expert visitors, media representatives, associates and colleagues are especially looking forward to this year's Motek/Bondexpo at the heart of Germany's machinery and equipment manufacturing sector.
- 10** A differentiated thematic concept ensures major benefits for expert visitors.



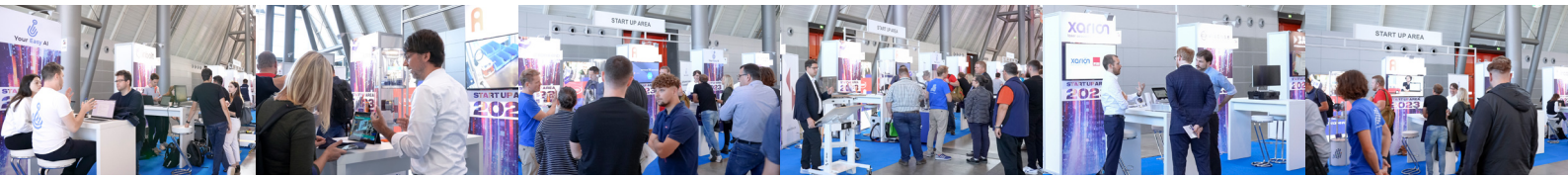
 **Looking forward to the Motek? Check out the video!**



# **Motek-Specials**

## **Start-up Area 2024**

Innumerable noteworthy startup companies have established themselves in recent years who are planning to revolutionise future production and assembly automation with their innovative, **forward-looking solutions**. As a longstanding trade fair with a proven tradition, Motek/Bondexpo explicitly wants to support emerging companies and provides startups with a prominent platform at the industry meeting place in the middle of Europe's leading technology region. The decisionmakers amongst the expert visitors will benefit from innovative automation concepts and will be able to enter into a personal dialogue with young entrepreneurs. Visit the startup area in hall 5.



## **Exhibitor Forum 2024**

The exhibitor forum in hall 5, which is free of charge for expert visitors, has been enjoying tremendous popularity for years. During the course of alternating presentations, worldclass speakers from exhibiting companies report on modern, high-performance production and assembly automation in theory and in actual practice.

The range of presentations covers all relevant disciplines from the suitability of special components for certain requirements right on up to field reports on the use of processes and flexible assembly systems.

 [To the trade fair programme](#)

# **FORUM**

# **SCHALL**

MESSEN FÜR MÄRKTE





# **Motek-Specials in the Forum, Hall 5**

## **Fachforum Safety + Security in Automation**

Fachforum

# **SAFETY+SECURITY** **AUTOMATION**

8. Oktober 2024 • Motek • Messe Stuttgart

The specialist forum is the meeting place for experts from associations, science and industry to discuss the latest trends in safe automation and machine safety. The range of topics is broad. The focus will include practice-oriented presentations on:

- safety and security in mechanical engineering
- safe production
- current status of the new Machinery Directive
- the role of sustainability in companies

You have the opportunity to attend all presentations individually and without prior registration. Participation is free of charge. Visit the newly designed specialist forum and receive valuable practical tips - it's worth it! Detailed programme (German content) at:

 [www.sicherheitundautomation.de](http://www.sicherheitundautomation.de)

## **AI-themed day**



The forum on **“No Need to Fear AI - Exploit the Potential, Stay Competitive”** is targeted at companies and specialists who want to explore the diverse possible applications and challenges associated with artificial intelligence (AI) in industrial settings. A series of presentations held by renowned industry experts will cover various facets of AI using practical examples from the world of production.

The forum provides a platform for the exchange of knowledge and experience, promotes networking and supports companies in taking best possible advantage of the potential offered by artificial intelligence.

The forum will be followed by a panel discussion focusing on “Qualified Personnel, Energy Prices and Climate Protection – Is Germany Sustainable as a Production Location?”.

 **09. October 2024**

 **9:30 a.m. - 1:30 p.m.**

 **To the AI-themed day special (German content)**

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 **Motek**  
**2024**

# Tickets & Travel Connections

Compact presentation, minimal legwork, clear-cut visitor orientation – efficiency is the leitmotiv for modern industrial production, as well as for your personal trade fair visit. The central location of the trade fair venue in Stuttgart and its excellent accessibility offer ideal prospects for your visit to the event. The linear exhibition hall layout supports you in finding the desired solution in an economical, time-saving fashion.

## Venue

Landesmesse Stuttgart, Messepiazza 1, D - 70629 Stuttgart

## Admission Prices

Day pass: €30    Discount day pass: €22

Numerous exhibitors cordially invite you to request **ticket codes in the showrooms** which can be found in the exhibitor list! This is the ideal way for exhibitors and expert visitors to start a dialogue each other.

## To the Exhibitor List



Five other trade fairs are being held at the Stuttgart Exhibition Centre at the same time as Motek/Bondexpo. How can you benefit from this? Your Motek/Bondexpo ticket gives you free admission to all parallel events.

## Travelling to Motek/Bondexpo at the High-Tech Venue in Stuttgart - at the Heart of Europe

You'll have your finger on the pulse of assembly automation at Motek/Bondexpo. At the leading centre of German machinery and equipment manufacturing with more industrial jobs than anywhere else in the country, you'll meet up with major industry players on their home turf – on the trade fair advisory board and, of course, as exhibitors in the exhibition halls.

The exhibition centre's unique location in direct proximity to Stuttgart International Airport is your guarantee for a successful and efficient trade fair visit.

## Travel to the Stuttgart Exhibition Centre

## Hotel Reservations / Accommodation

Stuttgarter Marketing GmbH ☎ 49 (0) 711 2228-100 🌐 [www.stuttgart-tourist.de/en](http://www.stuttgart-tourist.de/en)







# Always Up-to-Date with Our Digital Services



## A Strong Community in the Social Media

Brief, friendly and focussed, first-hand information. Link up with us now!



## Genuine Added Value - the Trade Fair Newsletter

With free newsletters from trade fair promoters P. E. Schall. At event-specific intervals, we inform you with news concerning exhibitors, the trade fair programme, special shows and much more. Always well-balanced and to the point.



To the News Service





# Schall Trade Fairs' Success Concept

Schall makes **trade fairs for markets** – significant, internationally established trade fairs which have been around for many decades. And thus P. E. Schall GmbH & Co. KG has been Germany's most successful private trade fair promoter for decades in the field of technical trade fairs and technically oriented public exhibitions.

With **experience, efficiency and reliability**, Schall trade fair promoters bring users and suppliers together from international manufacturing industries in order to experience cutting-edge technologies with all of their senses, generate turnover, penetrate new fields of business and score in global competition.

“ Meeting on an equal footing, discussing new technologies with experts, maintaining valuable, long-lasting contacts, experiencing **issue-specific diversity in a concise manner**, gathering ideas and inspiration for new projects, conserving resources, increasing efficiency and promoting value creation – Schall trade fairs offer all of this and more. We're very much looking forward to getting back on track now with our well-established, highly significant trade fairs – because **#bestbusinesswithpleasure** is our burning passion. Bettina Schall, Managing Director



Schall has successfully developed business platforms with their internationally recognised trade fairs for quality assurance (Control), optical technologies, components and systems (Optatec), stamping technology (Stanztec), automation in production and assembly (Motek), bonding technology (Bondexpo), plastics processing (Fakuma), sheet metal

working (Blechexpo) and joining technology (Schweisstec). This has given rise to entirely new markets in various sectors, whose protagonists are distinguished by tremendous innovative strength, comprehensive systems competence and practical application solutions.

**Blechexpo**



**Bondexpo**



**Control**



**Fakuma**



**Motek**



**Optatec**







**Schweisstec**



**Stanztec**



**#bestbusinesswithpleasure**

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