

EMO



Hannover

The world of metalworking



GOOD REASONS TO ATTEND EMO HANNOVER

One of the world's leading trade fairs

In 2017, Hannover will once again become the centre of the world of metalworking, because EMO Hannover is the undisputed leading trade fair in the industry. EMO Hannover is the only fair which covers the globalised markets throughout the world – and it does so right in the middle of Germany, one of the most important customer countries.

International character

Exhibitors come to EMO Hannover from all over the world and from all segments of metalworking technology. With approximately 60% of exhibitors from outside Germany, EMO Hannover is the world's most international trade fair for metalworking. Experts from the industry know and recognise that fact – which is another reason why no other trade fair can match the international character of EMO Hannover's visiting public.

Highest innovation density

EMO Hannover's exhibitors have long since aligned their innovation cycles to the world's leading trade fair for metalworking. As a result, more innovations are unveiled here than at any other trade fair in the industry – which in turn makes EMO Hannover 2017 a key point of reference for the decision-makers in the production technology segment.

Ideal opportunity for comparison

EMO Hannover is unsurpassed in the breadth and depth of what it has to offer, encompassing all production areas, ranging from machine tools as the nucleus for industrial manufacturing to precision tools, transport automation and industrial electronics. And this draws the full spectrum of user industries to Hannover.

Competence

In terms of the technical expertise and decision-making competence of its visitors, no other trade fair can match EMO Hannover. And this is due to the unparalleled innovation potential of productivity and efficiency that awaits them. EMO Hannover 2017 is the meeting point where the most competent suppliers and users all converge in one place.

Attractive programme of events

EMO Hannover 2017 offers an attractive programme of events comprising conferences and special shows. For further information, please refer to the section "Special topics and events" in this brochure and on the internet under: www.emo-hannover.de/en/events.



EMO
Hannover

18-23.9.2017



EXHIBITORS AT THE LAST EMO HANNOVER

2,131 exhibitors from 43 countries:

1,282 exhibitors from outside Germany

849 exhibitors from Germany

180,582 m² of net exhibition area in 17 halls

Visitors

142,804 highly qualified professionals from all areas of manufacturing technology: vehicle construction, aerospace, machinery and plant construction, electronics and electrical engineering, precision machinery/optics, and the metal processing industry. Management (primarily with decision-making authority) from all industrialised countries of the world.

Trade fair profile

The exhibitors of EMO Hannover 2017 span the full range of state-of-the-art metalworking technology. With an emphasis on metal cutting and metal forming machine tools, manufacturing systems, precision tools, automated material flow, computer technology, industrial electronics and accessories, EMO Hannover 2017 presents the complete spectrum of manufacturing technology:

- Machine tools for cutting, splitting, milling and forming
- Sheet metal and wire working machines
- Machine tools for thermal, electro-chemical and other processes
- Electronic control systems
- CIM and components for flexible automation
- CAD/CAM
- Assembly and handling technology
- Industrial robots
- Material flow and storage technology
- Industrial electronics, sensor and diagnostic technology
- Precision tools, diamond tools, measuring tools
- Testing and measuring technology
- Abrasives, cooling lubricants
- Welding, cutting, hardening, heating
- Mechanical, hydraulic, electrical and electronic accessories for metal-working

As the leading trade fair in the industry, EMO Hannover is unsurpassed in the breadth and depth of its offering, which spans all production areas.

Exhibitors come to EMO Hannover from all over the world to demonstrate their capabilities and innovative drive to the highly qualified international experts. In terms of the technical expertise and decision-making competence of its visitors, no other trade fair can match EMO Hannover. EMO Hannover is the place where investment decisions are made!



GENERAL INFORMATION

Information for visitors

EBi – these three letters stand for the visitor information system on the exhibition grounds.

Whether it concerns exhibitors and products or simply involves general information about the trade fair, the EBi can answer almost any question in seconds. This service is provided via a large number of information terminals available at various locations – both on the event grounds and also in the entrance areas.

Car rental

EUROPCAR

Hildesheimer Straße 2

30880 Laatzen

GERMANY

Tel.: +49 511 848300

EC cash dispensing machines

Entrance "NORTH 1"

Entrance "NORTH 2"

Entrance "SOUTH 1"

Hall 13

Information Center

First aid

On the exhibition grounds: medical service at entrance "NORTH 1",
tel.: +49 511 89-114

Fire brigade

On the exhibition grounds: emergency phone: +49 511 89-112

Police

On the exhibition grounds: entrance "WEST 4", tel.: +49 511 89-110

Lost property office

On the exhibition grounds: Information Center, tel.: +49 511 89-32695

Supermarkets

On the exhibition grounds:

"Shopping and food" area between Hall 16 and Hall 17,

tel.: +49 511 8668975

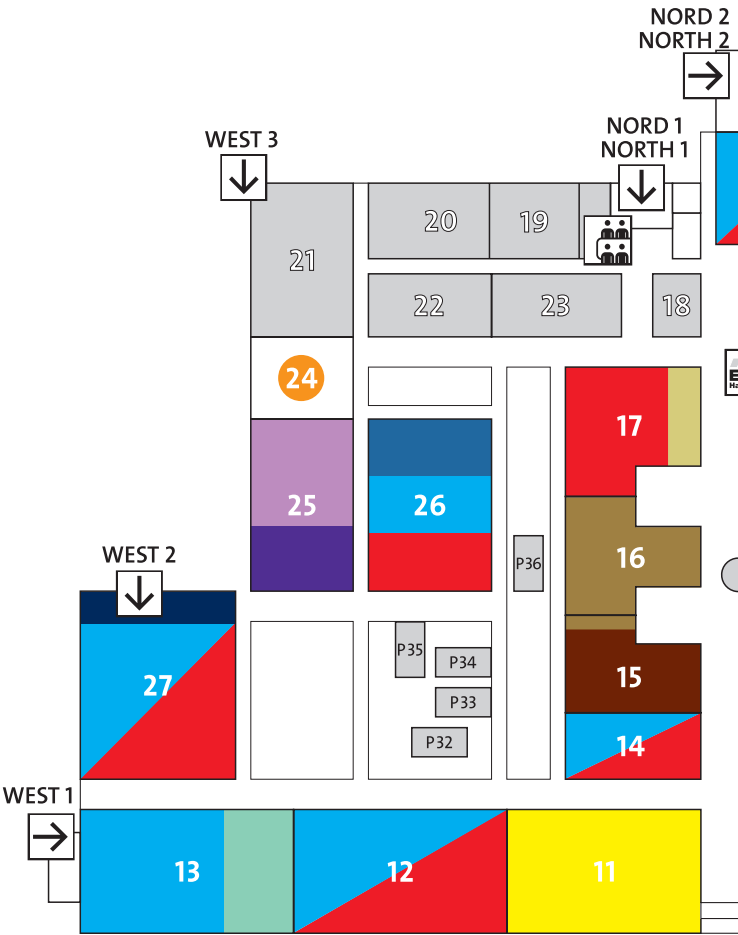
Emergency station: see "First aid"

Room reservations: see section "Facts and figures"

You will find products and services arranged in the exhibit

- Lathes**
(Halls 2, 12, 14, 16, 17, 26, 27)
Lathes and automatic lathes
- Milling machines · Machining centres · Flexible manufacturing**
(Halls 2, 12, 13, 14, 26, 27)
Milling machines / Machining centres / Flexible manufacturing cells and systems
- Transfer and special production machines · Unit heads** (Hall 17)
Transfer and special production machines / Unit heads

- Precision tools · Workpiece and tool holders** (Halls 3, 4, 5, 6)
Precision tools / Workpiece and tool holders
- Measuring technology and quality assurance** (Hall 6)
Measuring and testing technology / Quality assurance
- Tool grinding machines** (Hall 6)
Tool grinding machines / Abrasive tools and products



tion halls according to the following machine categories:

Components · Coolants and lubricants · Waste disposal · Accessories (Halls 6, 7)

Mechanical, hydraulic and pneumatic components / Waste disposal / Cooling and lubrication / Workshop equipment / Accessories / Materials

EDM (Hall 13)

Electroerosive and abrasive machines

Grinding machines · Surface technology · Honing, lapping, polishing machines · Heat treatment (Hall 11)

Grinding machines / Abrasive tools and products / Machines and systems for use in surface technology / Honing, lapping, polishing and deburring machines / Industrial ovens and heat treatment systems / Machines for marking and engraving

Sawing machines · Drilling machines · Associations

(Halls 15, 16)

Sawing and cutting-off machines / Welding, cutting and gas cutting machines / Sawing blades / Drilling and boring machines / Safety and environment / Associations

Sheet metal working machines · Forming machines (Hall 15)

Sheet metal working machines / Shearing, nibbling, blanking and punching machines, laser / Presses / Metal forming (massive) machines / Bar, section and tube working machines / Welding, cutting and gas cutting machines

Industrial electronics · Robotics

(Hall 25)

Control and drive systems / Electrical and electronic equipment for machine tools / Industrial robots, assembly and handling / industrie 4.0 area

Software (Hall 25)

Software for product development, machines and manufacturing

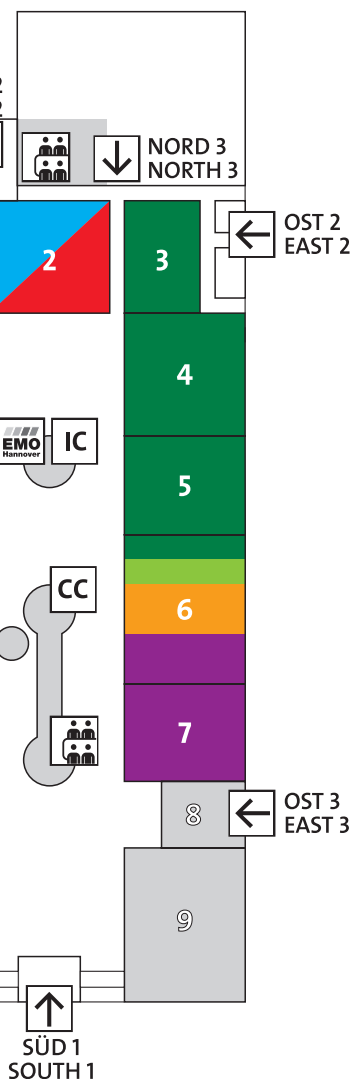
Gear cutting and finishing machines (Hall 26)

Gear cutting and finishing machines / Planing, shaping, slotting and broaching machines

Additive Manufacturing (Hall 27)

Machines for additive manufacturing, materials for additive processes

● **Special Youth Show** (Hall 24)





INTERNATIONAL EMO CONFERENCES

WGP symposium “Production for Tomorrow”

Thursday, 21 September

For the first time, EMO 2017 will be hosting a research symposium where representatives of the German Academic Society for Production Engineering (WGP) will be reporting on their latest technical developments. The institutes will be treating the current production engineering challenges and offering solutions on subjects like **additive manufacturing, manufacturing processes for lightweight designs, and production digitisation.**

Additive manufacturing

Wednesday, 20 September and Thursday, 21 September

Additive manufacturing is advancing throughout the industry. Facilitating the direct transformation of data into products, this technology will introduce sustainable changes in the development, manufacturing, and business processes of the future. And especially interesting is the sector for metallic components. At the same time, two half-day conferences will treat and discuss this subject in depth, and you are cordially invited! The organisers are the **VDMA** Working Committee Additive Manufacturing (<http://am.vdma.org>) and the European umbrella machine tool organisation **CECIMO** (www.cecimo.eu).

Safety engineering “EMO Safety Day for Machine Tools”

Tuesday, 19 September

The safety of machine tools is an evergreen in the sector. Here, the focus is placed on personal safety and the prevention of accidents. Despite considerably greater machine complexity, the absolute accident figures have been on a steep downward trend in recent years. At the **“EMO Safety Day for Machine Tools”** on Tuesday, 19 September, international experts from all three areas will be presenting the latest developments. This will also see the European umbrella organisation **CECIMO** present a CE guide on the safety of milling machines.

“EMO Focus India”

Wednesday, 20 September

In terms of India's growth dynamics extrapolated into 2017 and 2018, VDW prognosis partner Oxford Economics sees this country in the leading group of global machine tool markets. Against this backdrop, VDW will be hosting an **“India Day”**. Speakers from the Indian machine building, automotive, and aerospace sectors will be casting light on their views. There are also plans for one company each from the German machine tool building sectors and from German major consumers to present their examples of best practice. This will be followed by a hosted podium discussion.

EMO MATCHMAKING

With their “cooperation exchange mart”, EMO organiser **VDW** will be working together with **Enterprise Europe Network** to help exhibitors and visitors establish new business contacts. Already in advance of EMO, a database-supported platform will be used to schedule meetings between visiting professionals and exhibiting companies. Further information available under: www.emo-b2b.com.



MANY ROADS LEAD TO EMO HANNOVER 2017

By car:

- From the north / east / west
Coming from the direction of Hamburg (motorway A 7), Berlin or Dortmund (motorway A 2), follow the electronic dynamic signs towards "Hannover/Messe".
- From the south
Coming from the direction of Kassel (motorway A 7), take exit no. 60, "Dreieck Hannover-Süd", and proceed along motorway A 37 (B 3 exhibition grounds expressway) towards "Hannover/Messe".

By public transport:

- From the city centre
You can reach the exhibition grounds from Hannover Main Station ("Hauptbahnhof") with the underground ("U-Bahn") no. 8 or 18 (Messe/Nord) in 17 minutes (entrances "NORTH 1" and "NORTH 2") or with the suburban railway ("S-Bahn") S4 (Bahnhof Hannover Messe/Laatzen) in 7 minutes (entrance "WEST 1"). Tram lines no. 6 and 16 run via "Kröpcke" station to the exhibition grounds ("Messe/Ost" station). From there you can reach the "EAST 3" entrance on foot.
- From the airport
All year round, from the suburban train station with line no. S5 (between Terminal B and C) to Hannover Main Station ("Hauptbahnhof"). From Hannover Main Station with the underground ("U-Bahn") no. 8 or 18 to the exhibition grounds, entrances "NORTH 1" and "NORTH 2". Or from the airport to the exhibition grounds directly and conveniently with the shuttle bus.



Rail special – to EMO 2017 by train for € 89!

Climb onboard and take advantage of attractive conditions:

In cooperation with Deutsche Bahn, we are offering you the journey to Hannover from any train station within Germany plus a day ticket to the EMO for only € 89!

Further information available under:
www.emo-hannover.de/bahnspecial.



Lufthansa special for visitors from outside Germany

Exclusively for EMO visitors from outside Germany, Lufthansa is offering a discount on many routes.

Further information available under:
www.emo-hannover.de/lufthansaspecial.



AFTER A SUCCESSFUL DAY AT THE TRADE FAIR, THE CAPITAL OF LOWER SAXONY OFFERS A DIVERSE PRO- GRAMME OF RECREATION AND LEISURE ACTIVITIES

Whether it involves nearby recreation areas, a cultural programme or a shopping tour – there is something for everyone.

Green oases

The Herrenhausen Gardens are one of Europe's most beautiful park spaces. Along with baroque landscaping in the French style and the English landscape garden, it is also worthwhile to visit the botanical garden and the grotto decorated by the artist Niki de Saint Phalle.

The Maschsee lake lies right in the city centre and is considered as the “blue heart” of Hannover. It is the largest body of water in the city and a popular recreation area.

Culture and sightseeing

One of the landmarks of the city is the New City Hall (“Neues Rathaus”), a magnificent, castle-like building of the era of William II and one of the favourite photographic subjects of visitors to Hannover. The four scale models of the city here illustrate the development of Hannover. Those who wish to gain more detailed insights should pay a visit to the Lower Saxony State Museum, which offers a broad cultural spectrum with its extensive art collections and historical exhibits. Entertainment, on the other hand, is provided in the GOP Variété or at the Opera House, one of the 20 best in the world. The current schedules are available under: www.hannover.de.

Shopping

Hannover's city centre, with one of Germany's most popular shopping avenues, Georgstraße, and the “Galerie Luise”, situated between Luisenstraße and Theaterstraße, offers ample shopping opportunities. Visitors can relax afterwards and wind up their day at one of the many comfortable cafés and restaurants in the historic old town.



EMO – FACTS AND FIGURES

Dates and opening hours:

Monday, 18 till Saturday, 23 September 2017

9 a.m. – 6 p.m. daily

Tickets

	on site / advance sale
Day ticket	€ 52.– / 35.–
Full-event ticket	€ 89.– / 65.–
Pupils / students / retirees / disabled persons*	€ 12.– / –

* on presentation of a valid ID

Visitors can register starting from February 2017.

Ticket holders are entitled to visit EMO 2017 and also to travel on any tram, bus or train throughout the Greater Hannover Transport Association (GVH) region.

Catalogue

EMO catalogue 2017 price: € 35.–

The catalogues will be sent out starting from mid-August 2017.

The price includes inland shipping costs and value-added tax.

Please place orders by internet under: www.emo-hannover.de.

Room reservations

Our official accommodation service partner offers accommodation in all categories in the city of Hannover and the surrounding region:

Hannover Marketing und Tourismus GmbH

Vahrenwalder Straße 7

30165 Hannover

GERMANY

Tel.: +49 511 12345-555

hotels@hannover-tourismus.de

www.hannover.de/hotels/emo

Private rooms and apartments:

Tel.: +49 511 12345-000

info@tourismusregion-hannover.de

Eine Messe des
A Fair by **VDW**

VDW – Generalkommissariat EMO Hannover 2017
Verein Deutscher Werkzeugmaschinenfabriken e.V.
Corneliusstraße 4, 60325 Frankfurt am Main, GERMANY
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Promoted by



CECIMO is the European Association
of the Machine Tool Industries



