

GERMAN PAVILION TRADE SHOW GUIDE

PARIS AIR SHOW 2017

19.06. - 25.06.2017 | Paris, Le Bourget www.paris-air-show.com



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Dream Drive Discover Design Decide **D**eutschland **D**efend

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WELCOME ADDRESS



Dear Visitors,

It is a great pleasure for me to welcome you to the presentation of the German Aerospace Industries Association (BDLI) at the 52th Paris Airshow!

At this year's Paris Airshow, Germany is the third largest exhibition nation after France

and USA. Germany is at the cutting edge of aerospace technology. One out of every six new passenger aircraft produced globally is being delivered in Germany to airlines from around the world. Moreover, every new aircraft built anywhere in the world contains German technology, which highlights the technological advances of our supplier industry. Similarly, our country is home to leading manufacturers in satellite technology, military aviation, engines and helicopters. In short: thanks to innovation, Germany is one of the leading aerospace nations in the world.

Paris Air Show is a touch down for business, industrial cooperation and networking. At this global business hot spot, 35 BDLI

members will be united under the roof of the more than 2000-square meter BDLI Joint Pavilion in Hall 2C/2A. Another 18 will have individual displays.

With its strong presence, the German aerospace industry at the same time promotes the ILA Berlin Air Show, which will take place from April 25 to 29, 2018. ILA has become synonymous with Innovation and Leadership in Aerospace and will again be taking a close look at topics of major importance for the future of our globally active sector.

We are looking forward to seeing you at this year's Paris Air Show – and come and visit us next year at ILA Berlin Air Show!

Best regards,

Volker Thum

Managing Director, German Aerospace Industries Association (BDLI)



ABOUT THE GERMAN AEROSPACE INDUSTRIES ASSOCIATION (BDLI)



THE VOICE OF GERMAN AEROSPACE

The German Aerospace Industries Association (BDLI) is the primary industry representative for the aerospace sector in Germany. As the voice of German aerospace, BDLI engages in dialogue with political institutions, authorities, trade associations and governments at home and abroad. Representing more than 230 companies, it offers a wide array of member services, and is the trademark owner and co-organiser of the ILA Berlin Air Show.

A DRIVER OF JOBS

As one of the leading high-tech sectors, the German aerospace industry is a boon to the entire economy: the industry makes one out of every eight jobs possible in Germany and employs more than 100,000 highly skilled employees. Many other industries directly benefit from aerospace, such as manufacturing, aviation, IT, communications, tourism and the export industries.

AT THE FOREFRONT OF INNOVATION

The aerospace sector is not just the engine of the German economy, but also a major force for progress in science and technology. Its innovations range from the most successful aircraft in aviation history, the Airbus A320 family, to the Eurofighter and the European Ariane launcher. As a key player in our highly connected digital world, the significance of the aerospace industry is expected to grow further in the coming years.

DEFENCE AND SECURITY FOR OUR SOCIETY

The industry uses its expertise to offer solutions for some of the most urgent challenges of the day. Combining nearly all of the strategically important 21st century technologies, German aerospace technology offers better security, helps protect the environment, defends against terrorism and safeguards Europe's borders.

As a key partner of the German military and allied forces, the military aerospace industry equips forces with the most modern and capable systems. The industry thus helps promote German political interests in terms of foreign relations, alliances, security, economics and technology. The importance of strategic and tactical intelligence as well as military transport capabilities is certain to increase. Our industry makes a vital contribution in this area.



EXHIBITION SITE "LE BOURGET"



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ADZ NAGANO GMBH

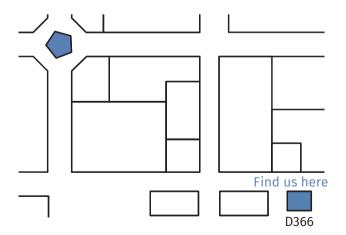
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Development and production of customized pressure and temperature transmitters for the aviation industry. Our products are implemented in both airliners and helicopters. The main application fields are hydraulic systems for high lifts, starting and landing flaps, landing gear and rotor control as well as pneumatic components for anti-icing systems, air conditioning and cabin pressure control systems.

Furthermore they are applied in the aircraft industry, e.g. in production lines and test systems of aircraft engines, in aircraft ground service equipment, etc.



Download Contact Details



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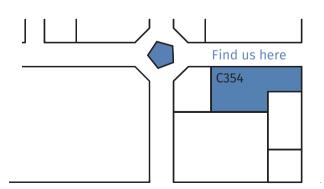
AERODATA is a leading provider of complete solutions for airborne special missions, with the main focuses being airborne surveillance and flight inspection.

In the business area of airborne surveillance the company offers complete solutions based on its mission system AeroMission®. **OPTIMARE**, a wholly owned Aerodata company, contributes its know-how as a leading supplier of systems and sensors for airborne maritime sensing.

As far as flight inspection is concerned, AERODATA is widely known as leading provider of modern Flight Inspection Systems. The AeroFIS® series is the latest generation of Aerodata's Flight Inspection Systems. Key features are maximum efficiency and easy system operation as well as proven reliability and availability all over the globe.

CO-FXHIBITOR:

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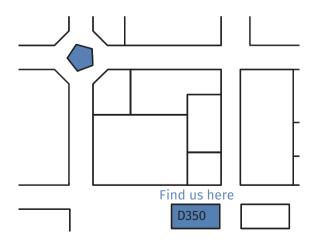
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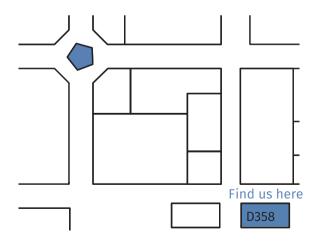


AKG THERMOTECHNIK INTERNATIONAL GMBH & CO. KG



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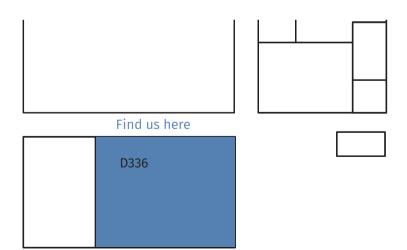


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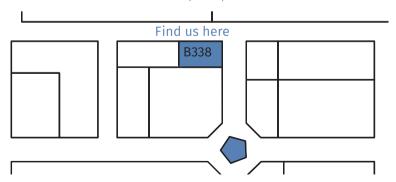
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Astro- und Feinwerktechnik Adlershof GmbH is a medium-sized enterprise for space applications with more than 20 years experiences in space engineering, situated in Berlin-Adlershof, Germany.

We are specialized in design, simulation, manufacturing, assembly and verification of space hardware and offer consulting in these disciplines. Over the years, we developed a range of different products for the space market such as our flight proven reaction wheel family applicable to several satellite sizes, 1U to 12U CubeSat launchers and custom designed ACS solutions in space and on ground. Besides that we also provide flight proven standard satellite buses up to 120 kg.

Our team designs, manufactures, integrates and verifies with the aid of our own modern CAD/CAM process lines, clean rooms and environmental test facility that provides services for ECSS conform vibration, shock, thermal and thermal-vacuum testing and for micro vibration investigations.





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Riedstr. 7

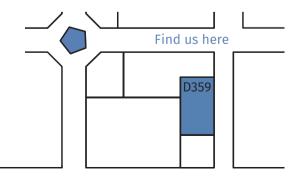
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Steinmeyer, as the leading manufacturer of high precision ball screws is your indispensable partner for development, production and application engineering. With more than 450 employees, Steinmeyer products are developed and manufactured with the highest precision at its headquarters in Albstadt, Germany. Such success is impossible without careful consideration of our customers' requirements, which requires continued dialog with them. Experienced staff and the latest equipment ensure that we stay at the top - and that is what our customers can expect.

Steinmeyer develops customized solutions for many applications in the aerospace industry. The possibilities of Steinmeyer Aerospace are: Built-to-print, Built-to-spec and Engineering Services.

The different products are: Ball Screws for applications in flap actuators, in elektromechanical actuators, in actuators for braking systems and for applications in the aerospace and unmanned air vehicles.





BDLI - GERMAN AEROSPACE INDUSTRIES ASSOCIATION

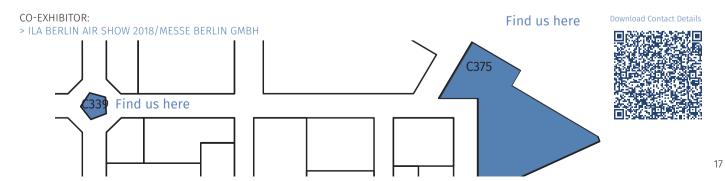
Friedrichstr. 60 10117 Berlin, Germany Phone: +49 30 206140-0 contact@bdli.de www.bdli.de



CONNECTING WORLDS - SAVING LIVES.

It is our mission to connect worlds, save lives, and master major challenges. We consider this to be our responsibility. The German aerospace industry is successful globally due to its track record of innovation and creating cutting-edge technologies. The German Aerospace Industries Association (BDLI) is the primary industry representative for the aerospace sector in Germany.

As the voice of German aerospace, BDLI engages in dialogue with political institutions, authorities, trade associations and governments at home and abroad. Representing more than 230 companies, it offers a wide array of member services, and is the trademark owner and co-organiser of the ILA Berlin Air Show.





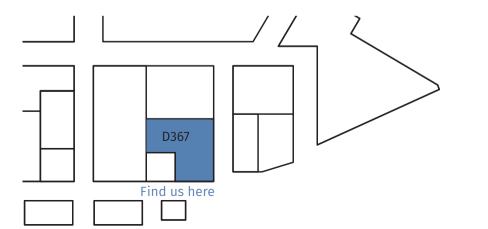
CONCEPT LASER GMBH

CONCEPTLASER

An der Zeil 8 96215 Lichtenfels, Germany Phone: +49 9571 1679 0 info@concept-laser.de www.concept-laser.de

Concept Laser GmbH is one of the world's leading providers of machine and plant technology for the 3D printing of metal components. The patented LaserCUSING® process – powder-bed-based-laser melting of metals – opens up new freedoms when it comes to configuring components and also permits the tool-free, economic fabrication of highly complex parts in fairly small batch sizes.

Components with integrated functions which are conventionally manufactured in several stages can now be produced economically in one fabrication step using the patented LaserCUSING® technology which demonstrates maximum efficiency with topologically optimized or bionically designed lightweight components.







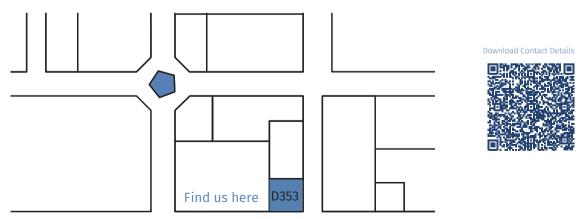
COTESA GMBH

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COTESA GmbH specializes in the serial production of high-quality fibre-reinforced composite components for application in aircraft industry. We focus on the production of complex CFRP sections and extremely light-weight multidimensional sandwich structures.

We offer the complete service range for all high-performance fibre composite materials – from construction and calculation to serial production – from a single source.



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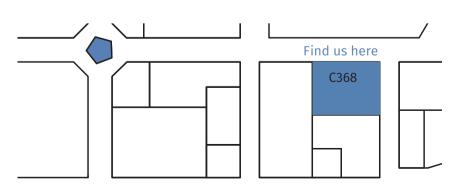
Am Hafen 14a 26316 Varel, Germany Phone: +49 4451 9133-0 info@deharde.de www.deharde.de



We manage aerospace projects from concept to implementation. As a mechanical engineering and technology provider, we are serving the international aerospace industry as a reliable partner in a broad range of services: Development, design, CNC programming, milling, turning technology, welding technology, surface coating, assembly, testing, and recovery. Our areas of expertise – machining as well as plant, tool and wind-tunnel model engineering – constitute efficient synergies. Deharde is "Design & Build" qualified and EN 9100/ ISO 9001 certified.

A recent project is the design and build of the Typical Fuselage Super Shells of the new BelugaXL for Airbus. Manufacturing is done on in-house developed assembly jigs.

We fulfill even most complex requirements with speed, flexibility and accuracy, frequently rescuing customers facing urgent or awkward projects. We can do this thanks to short decision-making channels, a first-class team, top equipment and maximum process efficiency.





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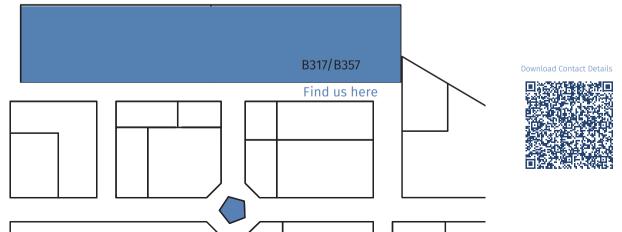
Phone: +49 7392 703-0

communications-aerosystems@diehl.com

www.diehl.com



Diehl Aerosystems is a first-tier supplier for avionics solutions and preferred partner for cabin integration in the aerospace industry. The integrated product portfolio in the field of aircraft interiors consists of interior lighting systems, air distribution systems, crew rest compartments, lavatories and refreshment rooms, floor-to-floor lining as well as galleys - also available as retrofit solutions. Systems for water and air management, fire protection and further cabin electronics complement the company's portfolio for aircraft interiors. Furthermore, Diehl Aerosystems' worldwide customer service guarantees the full range of commercial and technical support.



DIEHL DEFENCE GMBH & CO. KG

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Diehl Defence combines the Diehl Group's business activities in defence and security as an important partner of the German and international armed forces providing advanced guided missiles, ammunition and system solutions for ground-based air defence complemented by products for reconnaissance, training and protection. Moreover, high-quality infrared modules, fuzes, special batteries and packaging systems are essential key components. Long-term strategic cooperation with multi-national partners strengthens our equipment expertise and provides access to global markets. Our continuous commitment to research and development, reliability and loyalty towards customers as well as our qualified, motivated employees constitute the basis of the company's many years of success. Diehl Aerosystems is a first-tier supplier for avionics solutions and preferred partner for cabin integration in the aerospace industry. The integrated product portfolio in the field of aircraft interiors consists of interior lighting systems, air distribution systems, crew rest compartments, lavatories and refreshment rooms, floor-to-floor lining as well as galleys - also available as retrofit solutions. Systems for water and air management, fire protection and further cabin electronics complement the company's portfolio for aircraft interiors. Furthermore, Diehl Aerosystems' worldwide customer service guarantees the full range of commercial and technical support.

B317/B357
Find us here

DLR (GERMAN AEROSPACE CENTER)

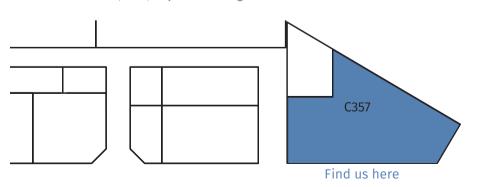
Linder Höhe 51147 Cologne, Germany Phone: +49 2203 601 3717 contact-dlr@dlr.de www.dlr.de/en



DLR at a glance

DLR is the national aeronautics and space research centre of the Federal Republic of Germany. Its extensive research and development work in aeronautics, space, energy, transport and security is integrated into national and international cooperative ventures. In addition to its own research, as Germany's space agency, DLR has been given responsibility by the federal government for the planning and implementation of the German space programme. DLR is also the umbrella organisation for the nation's largest project management agency.

DLR has approximately 8000 employees at 20 locations in Germany: Cologne (headquarters), Augsburg, Berlin, Bonn, Braunschweig, Bremen, Bremerhaven, Dresden, Goettingen, Hamburg, Jena, Juelich, Lampoldshausen, Neustrelitz, Oberpfaffenhofen, Oldenburg, Stade, Stuttgart, Trauen, and Weilheim. DLR also has offices in Brussels, Paris, Tokyo and Washington D.C.



Download Contact Details



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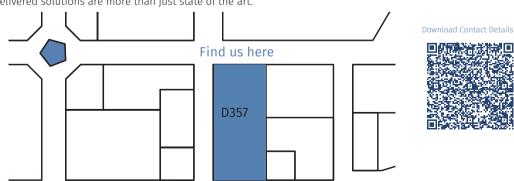
Elb-Schliff Werkzeugmaschinen GmbH produces high precision grinding machines for surface and profile grinding applications for turbine and engine components. However, the machine itself is only a small part of the complete solution - we provide to our customers the CCS-System (Complete Customer Solution System).

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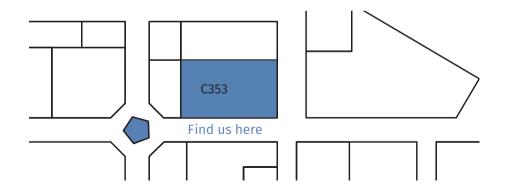
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ESG Group is a civil and military approved aviation organisation that designs, develops and integrates customised avionics and IT systems. We also provide independent technology and process consulting services. Military, public authorities and industry have trusted our expertise for 50 years.





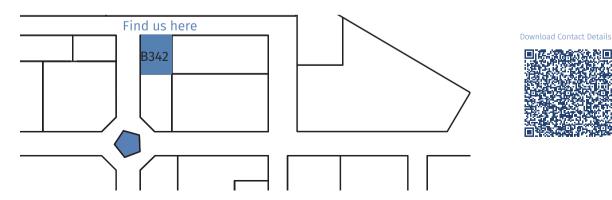


FRAUNHOFER INSTITUTE FOR APPLIED OPTICS AND PRECISION ENGINEERING FOR

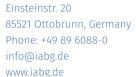


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The Fraunhofer Institute for Applied Optics and Precision Engineering IOF in Jena conducts applied research in the field of photonics and develops innovative optical systems to control light - from the generation and manipulation to its application. The services offered by the Institute covers the entire photonic process chain from opto-mechanical and opto-electronic system design to manufacturing of custom-specific solutions and prototypes. Current focuses of our research activities include freeform technologies, micro- and nanotechnologies, fiber laser systems and optical technologies for safe human-machine interaction. The Institute is active in its business fields Optical Components and Systems, Precision Engineering Components and Systems, Functional Optical Surfaces and Layers, Photonic Sensors and Measuring Systems, and Lasers.



IABG MBH

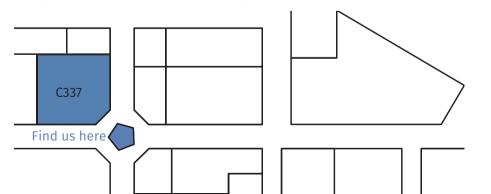




We are a closely networked business group and offer integrated, future-oriented solutions in the sectors Automotive • InfoCom • Mobility, Energy & Environment • Aeronautics • Space • Defence & Security.

As a strategic partner of the international aviation industry, IABG performs strength, fatigue and functional tests for the entire aircraft as well as for individual assemblies and structural components. During our test series, the test items must withstand several thousands of flights before they are finally released for regular flight operations.

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ILA BERLIN AIR SHOW 2018/MESSE BERLIN GMBH

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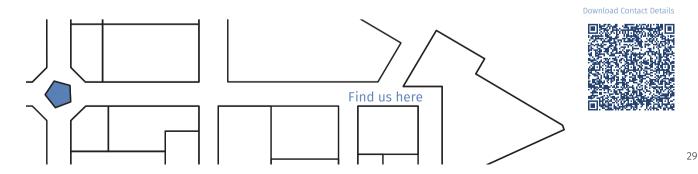


ILA Berlin Air Show

25 to 29 April, 2018, Berlin ExpoCenter Airport

Innovation and Leadership in Aerospace

With 1,017 exhibitors from 37 countries, over 50,000 trade visitors and 100,000 public visitors, with an internationally unique on-site conference program, the Space Hall and the International Suppliers Center ISC, clearly defined exhibit segments and B2B events at the last show in 2016, ILA Berlin Air Show remains one of the most forward-looking aerospace trade shows internationally, dealing with topics like sustainability, digitalization, 3D printing, Industry 4.0, start-ups and education.



JENA-OPTRONIK GMBH



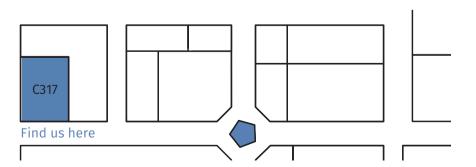
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For decades now we've been making space missions possible: enterprises that are as spectacular as they are successful. Today we're the global leader for attitude and orbit control sensors for satellites and optical instruments for Earth observation.

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What challenges in space are you facing? We are happy to help you reach your goal. And to give you what we stood for the past years: space for success.







LEISTRITZ TURBINENTECHNIK GMBH



Lempstr. 24

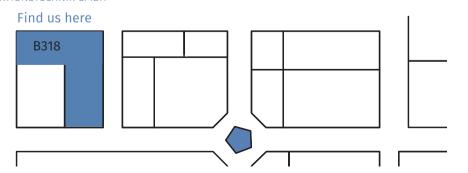
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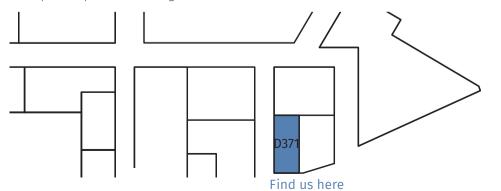
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MAXIMATOR develops and manufactures components, such as valves, pipes and gauges, pressure tanks, systems and equipment that are employed in process engineering applications. Our efficient in-house service department carries out erection, installation and maintenance of our components and systems. In our purposefully-built development and service centre we offer custom-tailored services such as pressure, bursting and impulse pressure tests plus component autofrettage.

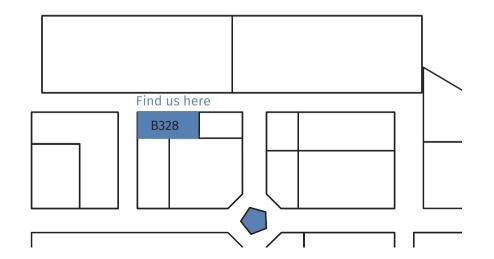


MICCAVIONICS GMBH

Am Lindenberg 8 71263 Weil der Stadt, Germany Phone: +49 7033 1380-0 www.miccavionics.com

Co-Exhibitor:

> Aerocomputers Inc.



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OHB SE

www.ohb.de

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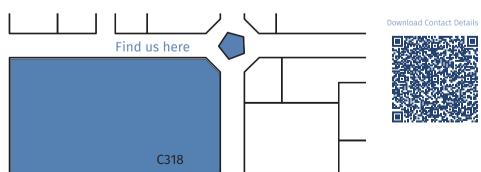
OHB SE - The European family-guided company for Space Technology & Security, Telematics and Satellite Services.

Domiciled in Bremen, OHB SE (ISIN: DE0005936124, Prime Standard) is Germany's first listed aerospace and technology company. Two business units offer national and international customers sophisticated solutions and systems. With 35 years of experience in high technology together with its integrated skills in the areas of space technology and telematics, the Group is ideally positioned as a leading independent force in the European aerospace and aeronautics industry.

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CO-EXHIBITORS:

- > Antwerp Space N.V.
- > International Astronautical Congress 2018 (IAC 2018) organized by ZARM
- > LUXSPACE SARL
- > MT AEROSPACE AG
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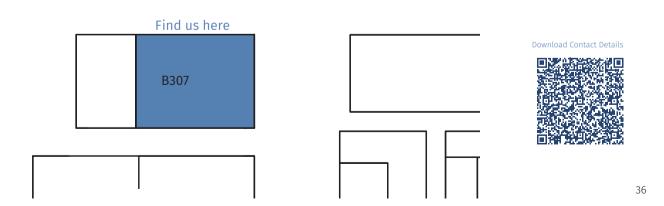
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The OTTO FUCHS Aerospace Group is a leading manufacturer of forged parts, extruded sections and rolled rings in aluminium, magnesium, titanium, nickel and copper alloys. These high-quality products are used in aviation, the automotive industry and in mechanical engineering in general. Machining and surface treatment upon request. The family-run business was founded in 1910.

Co-Exhibitor:

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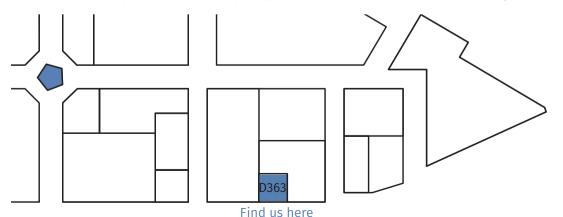
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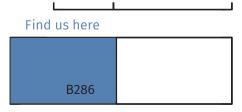
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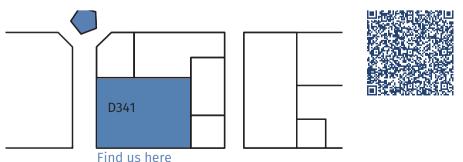
Our product range not only includes actuators and valves but also complete assemblies for hydraulic applications and flight/engine controls for various types of aircraft.

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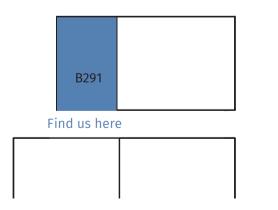


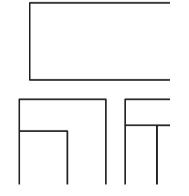
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Roggenhorster Str. 9c 23556 Lübeck, Germany Phone: +49 451 160820 info@slm-solutions.com www.slm-solutions.com



Lübeck-based SLM Solutions Group AG is a leading provider of metal-based additive manufacturing technology. The company's shares are traded in the Prime Standard of the Frankfurt Stock Exchange. The stock has been listed in the TecDAX index since March 21, 2016. SLM Solutions focuses on the development, assembly and sale of machines and integrated system solutions in the field of selective laser melting. SLM Solutions currently employs over 320 members of staff in Germany, the USA, Singapore, Russia, India and China. The products are utilised worldwide by customers in particular from the aerospace, energy, healthcare and automotive industries.







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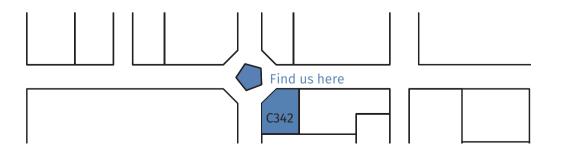
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TechConnect was founded in 1998 in the field of software development. The successful start led to the development of security- and mission-critical applications.

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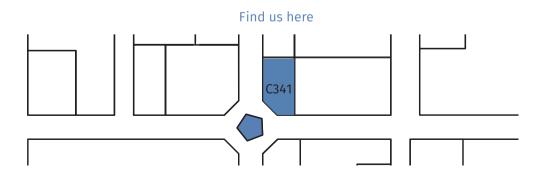
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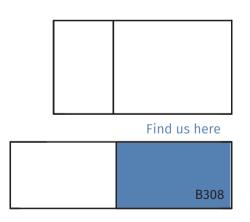
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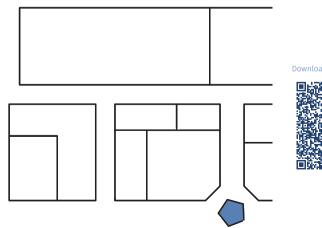
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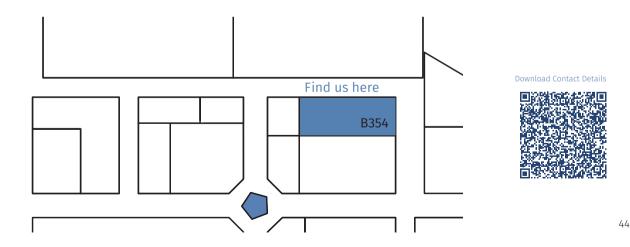
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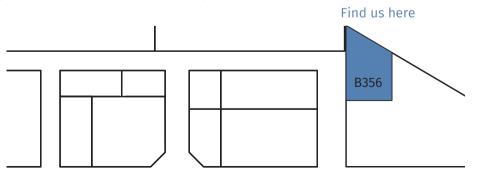
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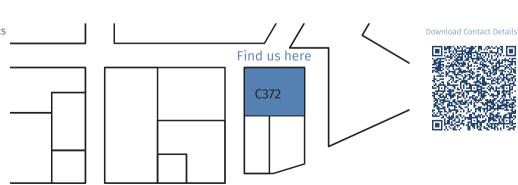
Transmission manufacturing

Maintenance and technical logistics

Test stand technology

Co-Exhibitor:

> ZF Friedrichshafen AG



ZOLLERN GMBH & CO. KG

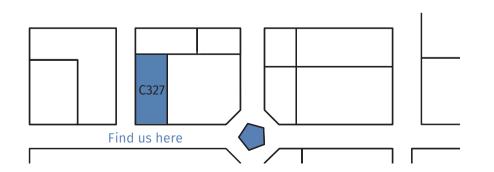
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Headquartered in Sigmaringendorf-Laucherthal / Germany, the company is organized in five divisions: Foundry Technology (Investment Casting, Sand Casting and Forging), Drive Technology, Plain Bearing Technology, Steel Profiles and Mechanical Engineering Components.

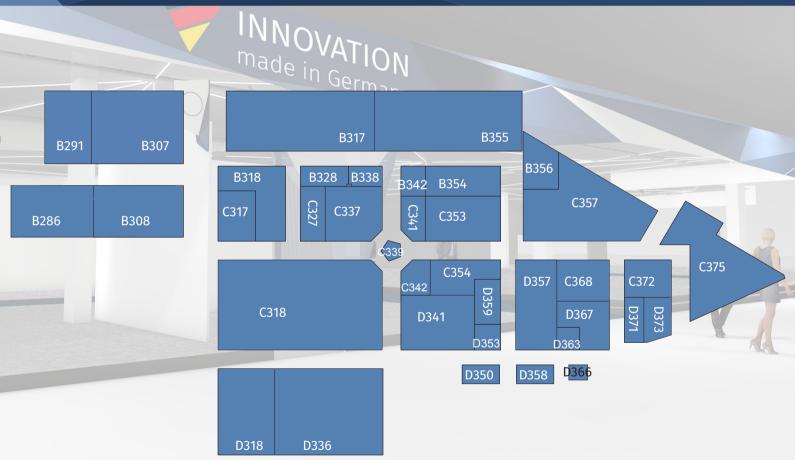
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