

VDMA

Power Transmission Engineering

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Power Transmission Engineering



European Network of Power Transmission Engineering

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Power Transmission Engineering in Mechanical and Plant Engineering

The Power Transmission Engineering Association represents the interests of more than 200 companies in the largest supplier sector of the mechanical and plant engineering industry.

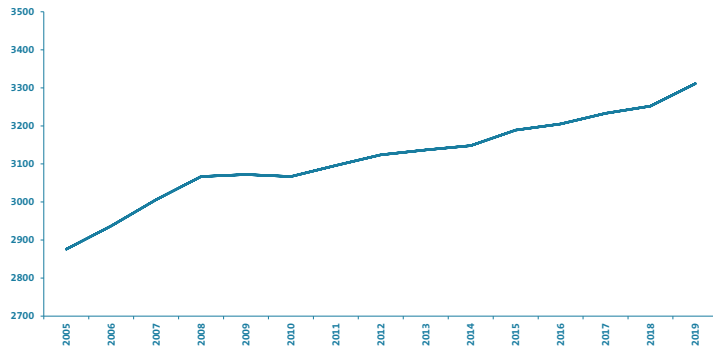
Current topics as well as the latest trends are processed and made available in a targeted manner for members of the Power Transmission Engineering industry.

The integration into the VDMA - the Mechanical Engineering Industry Association with over 3,300 members - provides companies with the best possible network. The Power Transmission Engineering Association actively supports its members and promotes the dialogue across topics and industries.

The Leading European Network is Growing Continuously - Be a Part of it

VDMA Membership Development

2005-2019



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Our members produce among other things:

Drive Elements

- Couplings
- Rolling bearings, plain bearings, spherical plain bearings
- Belt and chain drives
- Shafts, cardan shafts
- Brakes

Gearboxes

- Gears, gear drives
- Variable speed gears

Electrical Drive Technology

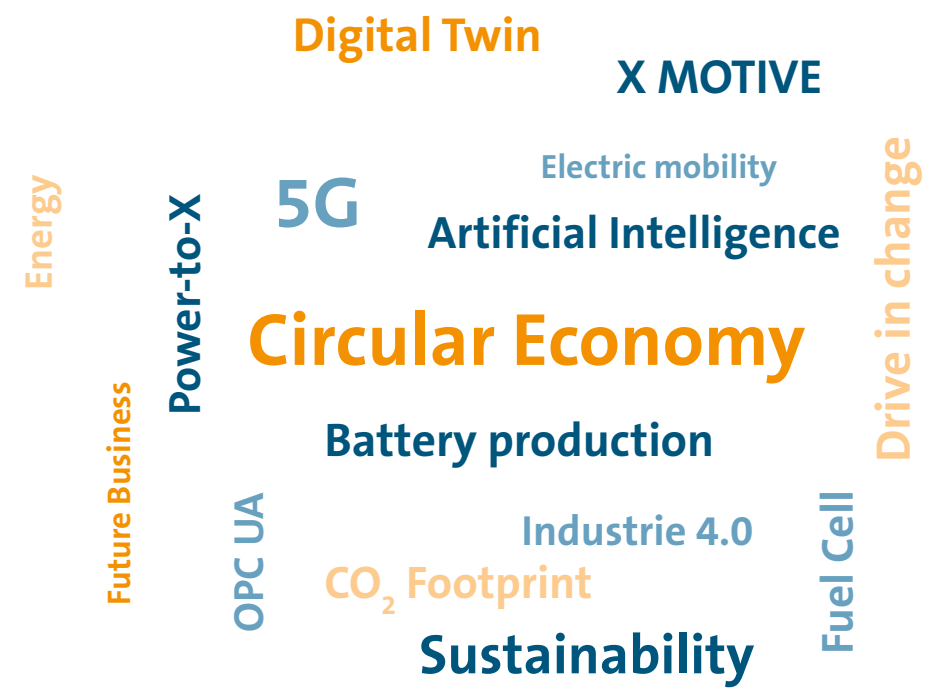
- Electric and geared motors
- Converter technology
- Servo drive technology
- Power electronics

Linear Technology

- Mechanical components
- Mechatronic systems



Future Topics in Power Transmission Engineering



Services for Power Transmission Engineering

Technical representation of interests

- Helping to shape national, European and international norms and standards
- Monitoring and information on guidelines and statutory regulations
- Representation of the industry in legislative procedures, public discussions and in dealings with the media and the public
- Development of position papers
- Participation in trend themes such as Industrie 4.0 and OPC UA
- Research activities via the Research Association for Drive Technology (FVA)

Market data

- Economic data, statistics and market forecasts
- Studies and research
- Information on customer industries

Trade fairs and events

- Ideational sponsorship and thematic design of trade fairs
- Organisation of joint company stands at trade fairs in Germany
- Participation in German trade fair presentations (German pavilions) abroad
- Organisation of forums and special shows
- Congresses on power transmission engineering in cooperation with the Research Association for Drive Technology (FVA)



Sector-specific public relations

- Press briefings
- Brochures and studies
- Manufacturer overviews in print and online media
- Newsletter

National, European and international networks

- Thematic working groups and committees
- Head of the European sector committee of power transmission engineering (EUROTRANS)
- Chair of the European sector committee of the rolling bearing industry (FEBMA)
- Support for the World Bearing Association (WBA)
- Connection to international VDMA representations and organisations
- Management Meetings (Europe and Asia)

Thematic Committees for Members

Management committees

- Board
- Economic Committee
- Advisory Committee for Automation, Motion & Drives - Hannover Messe

Working groups

- Electrical drive technology
- Plain bearing
- Industrie 4.0/OPC UA Drive Technology
- Linear technology
- Trade fairs and marketing
- Wind power

National and international standardisation committees in drive technology

- DIN committees
- ISO committees

Participation in VDMA forums and working groups

ant.vdma.org



Research and Innovation in the Field of Drive Technology

Research Association for Drive Technology e.V.

The FVA is the world's most successful and largest research and innovation network in drive technology. Since 1967, industrial developers and scientific researchers have been working together on basic pre-competitive questions of drive technology.

Services

- Industrial collaborative research (220 research projects, more than 2,500 industry experts, over 200 member firms and 15 million euros research funds in 2019)
- Congresses, training and seminars (FVA GmbH)
- FVA calculation software
- X MOTIVE - Produce Future Mobility

fva-net.de
fva-service.de
electromobility.vdma.org

VDMA Future Business –

The think tank for the machinery and plant engineering industry

The Competence Centre Future Business is dedicated to the future of mechanical and plant engineering in a structured and VDMA-wide manner. The aim is the early recognition of trends and disruptions relevant to mechanical engineering and the thematic reappraisal for VDMA members.

Services

- Trend Scouting
- Strategic early warning
- Startup Machine

future.vdma.org

VDMA Forum Industrie 4.0

The VDMA accompanies its member companies on their way into the world of Industrie 4.0. In the Industrie 4.0 Forum, the association bundles its activities, which consist of the triad of information, knowledge transfer and networking.

Services

- Publications and studies
- Information events
- Research
- World language of production: UMATI - Universal Machine Technology Interface
- OPC UA Standardisation

industrie40.vdma.org
opcua.vdma.org

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Linear Technology

International Networks

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A. MANNESMANN MASCHINENFABRIK GmbH
ABB Automation Products GmbH
ADE-Werk GmbH
ADMOS Gleitlager GmbH
AEM - Anhaltische Elektromotorenwerk Dessau GmbH
AMK Arnold Müller GmbH & Co. KG
Amsbeck-Maschinentechnik GmbH
ATEK Antriebstechnik Willi Glapiak GmbH
ATLANTA Antriebssysteme E. Seidenspinner GmbH & Co. KG
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 David Brown Santasalo Germany GmbH
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 DIENES Apparatebau GmbH
 Dipl.-Ing. Herwarth Reich GmbH
 DR. BENDER GmbH
 Dr. Erich Tretter GmbH + Co.
 Dr. Johannes Heidenhain GmbH

DST Dauermagnet-Systemtechnik GmbH
 DV-B Drehverbindungen Bautzen GmbH
 E. A. Lang GmbH & Co. KG
 EAAT GmbH
 ebm-papst Mulfingen GmbH & Co. KG
 ebm-papst St. Georgen GmbH & Co. KG
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 Eickhoff Antriebstechnik GmbH
 Eickhoff Maschinenfabrik GmbH
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 esco antriebstechnik gmbh
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Franke GmbH
Franz Kessler GmbH
FRENCO GmbH
Gelenkwellenwerk Stadtilm GmbH
Getriebebau NORD GmbH & Co. KG
Gleitlager und Metallverarbeitung GmbH
GLS Gleitlagerservice GmbH
GMN Paul Müller Industrie GmbH & Co. KG
Grob GmbH
GRW Gebr. Reinfurt GmbH & Co. KG
Güdel Germany GmbH
halstrup-walcher GmbH
Harmonic Drive SE
IBO GmbH
igus GmbH

iwis antriebssysteme GmbH & Co. KG
J.M. Voith SE & Co. KG
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Jenaer Gewindetechnik GmbH
Jetter AG
Joachim Uhing GmbH & Co. KG
JULI Motorenwerk s.r.o.
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KEB Automation KG
KEBA Industrial Automation Germany GmbH
Kendrion Kuhnke Automation GmbH
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Kessler energy GmbH
KIMO Industrial Electronics GmbH
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KSB SE & Co. KGaA

KTR Systems GmbH
Kumera Getriebe GmbH
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Liebherr-Components Biberach GmbH
Liebherr-International Deutschland GmbH
LINAK GmbH
LOCK ANTRIEBSTECHNIK GMBH
LTK Lineartechnik Korb GmbH
MAGNET-SCHULTZ GMBH & Co. KG
Main-Metall Tribologie GmbH
Maschinenbau Kitz GmbH
Maschinenfabrik Mönninghoff GmbH & Co. KG
METAX Kupplungs- und Dichtungstechnik GmbH
Meyrat SA
Miba Industrial Bearings Germany GmbH
Micromotion GmbH
MiniTec GmbH & Co. KG
MTU Friedrichshafen GmbH

Murtfeldt Kunststoffe GmbH & Co. KG
Nadella GmbH
NEFF Gewindetriebe GmbH
Neugart GmbH
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NORGREN GmbH
NTN Wälzlager (Europa) GmbH
NTN-SNR ROULEMENTS SA
Ortlieb Präzisionssysteme GmbH & Co. KG
Pilz GmbH & Co. KG
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pro-beam systems GmbH
PRODAN GmbH
PULSGETRIEBE GmbH & Co. KG
R+L Hydraulics GmbH
REINTJES GmbH
RENK Aktiengesellschaft
Rhein-Getriebe GmbH

RINGFEDER POWER TRANSMISSION GMBH
RINGSPANN GmbH
Rodriguez GmbH
Röchling Industrial Xanten GmbH
Rollon GmbH
Rolls-Royce Solutions GmbH
ROTZLER DEUTSCHLAND GMBH + CO.KG
RSGetriebe GmbH
Schaeffler Technologies AG & Co. KG
Schneeberger GmbH
Schneider Electric GmbH
SCHOTTEL Industries GmbH
SCHUNK GmbH & Co. KG
Schüssler Technik GmbH & Co. KG
SEW-EURODRIVE GmbH & Co KG
SGF - Süddeutsche Gelenkscheibenfabrik GmbH & Co. KG
SIEMENS AG
SKF GmbH

SKF Marine GmbH
SMC Deutschland GmbH
SMS group GmbH
SNR Wälzlager GmbH
Spieth-Maschinenelemente GmbH & Co. KG
SPN Schwaben Präzision Fritz Hopf GmbH
Stiebel-Getriebebau GmbH & Co. KG
STIEBER GmbH
STÖBER ANTRIEBSTECHNIK GmbH & Co. KG
Stromag GmbH
SUCO Robert Scheuffele GmbH & Co. KG
SUMITOMO (SHI) CYCLO DRIVE GERMANY GmbH
TAKRAF GmbH
The Timken Company
THIELENHAUS TECHNOLOGIES GmbH
Thomson Neff Industries GmbH
Tüschen & Zimmermann GmbH & Co. KG
UKF Universal-Kugellager-Fabrik GmbH

VEM transresch GmbH

VULKAN Kupplungs- und Getriebebau Bernhard Hackforth GmbH & Co. KG

Wachendorff Automation GmbH & Co. KG

Walterscheid GmbH

Weasler Engineering BV

WEISS GmbH

Wichmann GmbH

WITTENSTEIN SE

ZAE - AntriebsSysteme GmbH & Co. KG

ZF Friedrichshafen AG

ZF Industrieantriebe GmbH

ZF Marine Krimpen B.V.

ZF Wind Power Antwerpen NV

Zollern Getriebetechnik Dorsten GmbH