POWER TRANSMISSION AND CONTROL

International Trade Show for Hydraulics, Pneumatics, Seals, Gears, Motors, Coupling & Brakes, Chains, Belts, Springs and Bearings

23-26 October 2019
Shanghai New International Expo Centre

After Show Report

www.ptc-asia.com
More than 100,000 sqm show scale

142,975 professional visitors

1,663 exhibitors

15 forums

233 matchmaking meetings

100 buyer delegations
Themed with “Driven to be SMART”, PTC ASIA 2019 covered ten thematic segments of hydraulics, pneumatics, seals, gears, motors, coupling & brakes, chains, belts, springs and bearings. The exhibition attracted 1,663 well-known companies from Germany, Italy, Turkey, the United States, Spain, Portugal, Japan, South Korea, Romania, India and other countries and regions, collectively showing innovations of intelligent manufacturing on an exhibition area of over 100,000 square meters. As a result, it has jointly created a large industrial platform across various fields with seven major exhibitions in the same period. The four-day exhibition attracted 142,975 trade visitors in total, an increase of 42.1% compared with last year, further demonstrating the exhibition’s important role in intelligent manufacturing industry as a “Wind Vane”.
Organizers and supporters

Organizers
- China Hydraulics Pneumatics & Seals Association
- China General Machine Components Industry Association
- Mechanical Engineering Industry Association (VDMA)
- Korean Association of Machinery Industry (KOAMI)
- European Fluid Power Committee (CETOP)
- British Fluid Power Association, Great Britain (BFPA)
- European Committee of Association of Manufacturers of Gears and Transmission Parts (EUROTRANS)
- Japan Fluid Power Association (JFPA)
- Italian Association of Mechatronic Technologies and Components for Fluid Power, Power Transmission, Smart Automation and Control of Industrial Products and Processes (FEDERTEC)
- Taiwan Fluid Power Association (TFPA)

Supporters
- Korea Association of Machinery Industry (KOAMI)
- British Fluid Power Association, Great Britain (BFPA)
- Japan Fluid Power Association (JFPA)
- Taiwan Fluid Power Association (TFPA)
Extract of the exhibitor list

* The logos are displayed in random order without any prioritization.
Exhibitor testimonials

Jiangsu Guomao Reducer Co., Ltd.
Wang Xiaoguang, Deputy General Manager

This is the second time that Guomao has participated in PTC ASIA and the first time in CeMAT. Both PTC ASIA and CeMAT are large-scale international comprehensive industrial exhibitions with strength and influence. Relying on the exhibition platform, Guomao showed customers a full range of general-purpose reducers, industry-specific reducers and product-related application solutions. The exhibitions strengthened in-depth exchanges and cooperation between industries. In the future, Guomao will continue to pay attention to Hannover exhibitions, and bring more intelligent and automated products and various solutions for the digital industry to the exhibitions.

TR-ELECTRONIC(Beijing) Co., Ltd.
Lu Yu, General Manager of China

This year is our third time to participate in PTC ASIA, which has attracted exhibitors from many countries and regions with the slogan of “Driven to be SMART”; the exhibition area and contents are constantly expanding, and the number of trade visitors has multiplied; the organizer also organized professional forums and business matching activities to boost the practice of “Made in China 2025” with the latest products, technologies and solutions in the industry, which greatly promoted the international exchange of power transmission and control technology markets and the development of trade markets. Centering on the themes of intelligent drive, intelligent manufacturing, automation and new intelligent thinking that drives enterprises, the exhibition provides opportunities to communicate with experts, scholars and middle and senior management of enterprises, interpret cutting-edge technologies, discuss industry trends, transfer intelligent concepts, and promote the digital transformation and upgrading of the industry.

Jiangsu Hengli Hydraulics Co., Ltd.
Jia Shangqing, General Manager of Marketing

This year is the sixth time that Hengli has participated in PTC ASIA. The company has been participating every two years for 12 years. What impresses me most is that PTC ASIA has an increasingly larger scale year by year. The attention to it is constantly on the rise as well. PTC ASIA has become a “Wind Vane” of China’s industrial technology development. “Hengli also hopes that through this platform, more customers and industry professionals can know Hengli as well as its technical strength and products, and reach broader cooperation for the “digital” and “intelligent” development of industrial manufacturing!”
Highlights

This exhibition displays cutting-edge products and technologies, innovative solutions and concepts. For instance: Schaeffler showcased the new “Industry 4.0” intelligent system and advanced bearing solutions for industrial gearboxes, motors, hydraulic fluid, compressors and elevators; SEW brought professional solutions for the intelligent electronic drive control system, intelligent monitoring system, planetary permanent magnet drive system, as well as X.e series industrial reducers; and HANSA-FLEX China made its debut at the exhibition with on-site mobile hydraulic service. The exhibition truly provided an excellent platform for procurement and exchanges for Asian power transmission markets, and fully explained the “role of PTC ASIA in driving future changes”.

Factorynetwork Business Conference (FBC)

The Factorynetwork Business Conference (FBC) was held for the first time concurrently with PTC ASIA. The three-day FBC Forum became a new highlight of the exhibition. Chinese and Japanese companies have conducted lively discussions on topics such as new energy, internet acceleration, robotics, visualization, and cooperative innovation in manufacturing industry between China and Japan, building a bridge for cooperation and exchanges between the two countries’ enterprises.

Industrial Supply Special Display Area

Focusing on the industry’s top trends year after year, Industrial Supply Special Display Area serves as an innovation and business expansion platform for exhibitors. Casting/Die-casting, Forging, Machining, Sheet-metal forming, Stamping, Surface treatment, Material & Accessories, Subassembly & System & Equipment, Design Engineering & Manufacturing Solution, Industrial consultancy & Service – these are the focus topics for this year.

Gather Industry Focus and Drive Future Changes

This exhibition displays cutting-edge products and technologies, innovative solutions and concepts. For instance: Schaeffler showcased the new “Industry 4.0” intelligent system and advanced bearing solutions for industrial gearboxes, motors, hydraulic fluid, compressors and elevators; SEW brought professional solutions for the intelligent electronic drive control system, intelligent monitoring system, planetary permanent magnet drive system, as well as X.e series industrial reducers; and HANSA-FLEX China made its debut at the exhibition with on-site mobile hydraulic service. The exhibition truly provided an excellent platform for procurement and exchanges for Asian power transmission markets, and fully explained the “role of PTC ASIA in driving future changes”.

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## Visitor analysis

### Visitor origin countries

- **Mainland China**: 93.9%
  - Shanghai: 32.3%
  - Other Mainland China Visitors: 67.7%
- **Abroad**: 5.6%
- **Hong Kong Macau and Taiwan**: 0.5%

### Ratio of domestic and overseas visitors

- **Mainland China**: 93.9%
- **Abroad**: 5.6%
- **Hong Kong Macau and Taiwan**: 0.5%

### Origin of Mainland China visitors

- **East China**: 72.8%
- **North China**: 9.9%
- **South China**: 5.6%
- **Central China**: 5.3%
- **Northeast China**: 2.8%
- **Southwest China**: 2.0%
- **Northwest China**: 1.6%

### Origin of visitors from abroad

- **Asia**: 53.7%
  - Korea: 10.8%
  - Indonesia: 5.9%
  - Malaysia: 5.9%
  - Thailand: 5.7%
  - India: 4.7%
  - Japan: 4.2%
  - Singapore: 3.7%
- **Hong Kong Macau and Taiwan**: 7.6%
  - Taiwan China: 5.8%
  - Hong Kong China: 1.8%
- **Europe**: 24.8%
  - Russia: 6.5%
  - Germany: 3.1%
  - Italy: 2.7%
  - Turkey: 1.8%
- **Africa**: 2.5%
  - Egypt: 1.0%
  - South Africa: 0.7%
- **Oceania**: 2.5%
  - Australia: 2.2%
  - New Zealand: 0.3%
- **South America**: 4.8%
  - Brazil: 2.3%
  - Mexico: 0.8%
  - Argentina: 0.6%
- **North America**: 4.1%
  - USA: 3.0%
  - Canada: 1.1%
- **Other**: 2.0%
  - Egypt: 1.0%
  - South Africa: 0.7%
  - Brazil: 2.3%
  - Mexico: 0.8%
  - Argentina: 0.6%
  - USA: 3.0%
  - Canada: 1.1%
  - South America: 4.8%
  - North America: 4.1%
  - Africa: 2.5%
  - Oceania: 2.5%
  - Asia: 53.7%

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**Note**: The diagram visually represents the distribution of visitors and their origins, emphasizing the significant contributions of Mainland China and the diversity of visitors from around the world.
### Visitor industries

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>General-purpose equipment manufacturing</td>
<td>52.6%</td>
</tr>
<tr>
<td>Machine tool and metal-working machinery</td>
<td>29.4%</td>
</tr>
<tr>
<td>Dedicated machinery engineering</td>
<td>23.2%</td>
</tr>
<tr>
<td>Construction / building / mining machinery</td>
<td>19.5%</td>
</tr>
<tr>
<td>Auto manufacturing</td>
<td>14.2%</td>
</tr>
<tr>
<td>Railway / ship / aerospace &amp; aviation and other transportation equipment manufacturing</td>
<td>8.7%</td>
</tr>
<tr>
<td>Metallurgy &amp; casting</td>
<td>7.6%</td>
</tr>
<tr>
<td>Energy / electrical power industry</td>
<td>7.4%</td>
</tr>
<tr>
<td>Petrochemical</td>
<td>7.1%</td>
</tr>
<tr>
<td>IT &amp; electronic equipment</td>
<td>5.2%</td>
</tr>
<tr>
<td>Motorcycle / bicycle</td>
<td>4.5%</td>
</tr>
<tr>
<td>Metallurgical equipment</td>
<td>3.9%</td>
</tr>
<tr>
<td>Food &amp; beverage</td>
<td>3.5%</td>
</tr>
<tr>
<td>Electronic and electrical machinery</td>
<td>3.3%</td>
</tr>
<tr>
<td>Pharmaceutical and medical</td>
<td>3.1%</td>
</tr>
<tr>
<td>Home appliances manufacturing</td>
<td>2.8%</td>
</tr>
<tr>
<td>Chemical machinery</td>
<td>2.4%</td>
</tr>
<tr>
<td>Printing / packaging machinery</td>
<td>2.2%</td>
</tr>
<tr>
<td>Furniture manufacturing</td>
<td>2.1%</td>
</tr>
<tr>
<td>Food / beverage machinery</td>
<td>2.1%</td>
</tr>
<tr>
<td>Pharmaceutical machinery / medical instruments</td>
<td>2.0%</td>
</tr>
<tr>
<td>Other machinery manufacturing</td>
<td>2.0%</td>
</tr>
<tr>
<td>Agricultural, forest, animal husbandry, fishery and special machinery manufacturing</td>
<td>1.9%</td>
</tr>
<tr>
<td>Cranes &amp; transport equipment &amp; parts</td>
<td>1.0%</td>
</tr>
<tr>
<td>Shipbuilding</td>
<td>0.8%</td>
</tr>
<tr>
<td>Logistic equipment manufacturing</td>
<td>0.6%</td>
</tr>
<tr>
<td>Aerospace &amp; aviation manufacturing</td>
<td>0.5%</td>
</tr>
<tr>
<td>Others</td>
<td>7.2%</td>
</tr>
</tbody>
</table>

### Reason for visit

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrical power transmission</td>
<td>44.5%</td>
</tr>
<tr>
<td>Bearings</td>
<td>34.8%</td>
</tr>
<tr>
<td>Hydraulics</td>
<td>30.0%</td>
</tr>
<tr>
<td>Linear motion systems</td>
<td>20.7%</td>
</tr>
<tr>
<td>Gears</td>
<td>19.9%</td>
</tr>
<tr>
<td>Pneumatics</td>
<td>17.9%</td>
</tr>
<tr>
<td>Sealing technology</td>
<td>16.6%</td>
</tr>
<tr>
<td>Various equipments and measuring instruments</td>
<td>13.9%</td>
</tr>
<tr>
<td>Couplings and brakes</td>
<td>11.5%</td>
</tr>
<tr>
<td>Services</td>
<td>11.0%</td>
</tr>
<tr>
<td>Belt transmission</td>
<td>10.9%</td>
</tr>
<tr>
<td>Fasteners</td>
<td>10.6%</td>
</tr>
<tr>
<td>Chain transmission</td>
<td>10.5%</td>
</tr>
<tr>
<td>Springs</td>
<td>7.3%</td>
</tr>
<tr>
<td>Metallurgical products</td>
<td>5.3%</td>
</tr>
<tr>
<td>Electrical motors</td>
<td>0.4%</td>
</tr>
</tbody>
</table>

*The percentage is based on the number of visitors who answered this question. The total percentage exceeds 100% because multiple selections were possible.*
**Visitor analysis**

### Job function
- Business / company / general management: 26.1%
- Research and development, design: 20.7%
- Sales, distribution: 18.2%
- Purchasing, procurement: 14.9%
- Manufacture, production, quality control: 10.8%
- Marketing, advertising, PR: 3.6%
- Information / communication technology: 1.5%
- Logistics: material management, warehouse, transport: 1.3%
- Maintenance, repair: 1.3%
- Finance, accounting, controlling: 1.2%
- Human resources, administration: 1.0%
- Others: 1.1%

### Visit purposes
- To get an overview of the market: 69.0%
- To look for new products and innovations: 45.3%
- Contact existing supplier and distributors: 32.1%
- To find specific, new solutions for my company: 23.8%
- To find potential suppliers: 23.5%
- To cultivate my business contacts: 19.6%
- Purchase, place an order: 17.1%
- To gather information for investment or purchasing decisions: 13.7%
- To find potential new customers: 4.4%
- Evaluate next year’s attendance: 3.7%
- Others: 0.5%

### Visitor influence
- Decision-maker/ final authority: 48.3%
- Recommendation/collect information for purchasing: 25.3%
- Evaluate/implement purchasing: 14.2%
- No involvement: 13.0%

*The percentage is based on the number of visitors who answered this question. The total percentage exceeds 100%, because multiple selections were possible.*

**Visitor analysis**

- **Visitor influence:** 87%
  - more than 80% of visitors have direct or indirect influence on equipment purchasing.
Visitor testimonials

Atlas Copco (Wuxi) Compressor Co., Ltd.
Mr. Liu Zhiwen

This year, at the invitation of the organizer, Atlas Copco (Wuxi) Compressor Co., Ltd. sent representatives of its various departments to visit. The Engineering Department focused on finished machines and exchanged ideas with peers to learn from each other. The procurement department focused on parts supplier booths and found many potential new suppliers. Besides, some of our representatives participated in the technical forum and have gained a lot! Many thanks to the organizer for the considerate organization and pick-up service, so that we could spend more time on the exhibition! Let’s meet again at PTC ASIA 2020!

Shanghai LS Heavy Equipment Machinery Co., Ltd.
Mr. Wang Zhuo

This year is the fourth year that our company has visited PTC ASIA. Every year, the organizer -- Hanover sent a special car to drive our employees to the exhibition; here I would like to express my sincere thanks.

This year, Shanghai LS Heavy Equipment Machinery Co., Ltd. and Lanzhou LS Heavy Equipment Co., Ltd. visited PTC ASIA. During the exhibition, we have fully communicated with the world’s major exhibitors; we have strengthened the depth of cooperation with old suppliers, and also reached the intention of cooperation with new suppliers; through technical exchanges with various exhibitors and participation in some technical forums, our technical staff have broadened their horizons and gained a lot! Wish PTC ASIA 2020 a greater success!

Chengdi Automation Equipment (Kunshan) Co. Ltd.
Mr. Zhai Quan

Our company sent 26 employees to visit PTC ASIA 2019 together. During the exhibition, our employees noticed the organizer’s considerate arrangements and warm care. Also, at the exhibition, they found the resources they needed, broadened their horizons and learned about the development of the industry and products of our peers. Many thanks to your team, and many thanks to PTC ASIA 2019!
Concurrent events

- Fluid Technology Zone & Seminar
- #HiTalks 2019 | Fluid Power Technology Innovation Conference
- 2019 The Fifth China Agricultural Equipment Development Seminar and Agricultural Machinery Electromechanical and Hydraulic Forum
- Gasgoo Match-making Event - Specially for Auto Powertrain Innovative Products
- PTC ASIA Smart Drive Workshop - Smart Manufacturing Forum Powered by VDMA
- PTC ASIA Smart Drive Workshop - 2019 Robotics Application & Motion Control Development Forum
- PTC ASIA Smart Drive Workshop - Industrial Internet and Intelligent Control Application Solutions Special Forum
- PTC ASIA Smart Drive Workshop - 2019 China International Automotive Transmission and High Efficiency Transmission Technology Seminar
- PTC ASIA Smart Drive Workshop - Application of Power Transmission Technology in Machining
- New Development of Science, Technology and Engineering - Application on Hydraulic Pipeline Systems and Accessories
- Transmission Technology and Fluid Power Development Summit Forum in 5G
- 2019 China Gear Digital Manufacturing Summit and New Book Launching Ceremony of Wind Power Gearbox of R&D of China’s Strategic New Industries
- Fluid Pulsation SuppressorMini
- National Digital and Intelligent Hydraulic Summit Forum
- Bearing Seminar
Concurrent events

- **2019 China Gear Digital Manufacturing Summit and New Book Launching Ceremony of Wind Power Gearbox of R&D of China’s Strategic New Industries**
  On October 24, the “2019 China Gear Digital Manufacturing Summit and New Book Launching Ceremony of Wind Power Gearbox of R&D of China’s Strategic New Industries” was officially held. More than 60 people including leaders from China General Machine Components Industry Association (CMCA) and its related branches and representatives from scientific research institutes, manufacturers and user companies attended the forum. Wang Changming, Former Chairman and Director of Expert Committee of China General Machine Components Industry Association (CMCA), analyzed the development status quo of the gear industry in depth, and put forward great hopes for the development of the industry. Two experts from Zhengzhou Research Institute of Mechanical Engineering Co., Ltd. and the Gear & Electric Drive Branch of CMCA focused on the forum’s theme of “Digitalization, Smart Factory and Industrial Upgrade”, comprehensively introduced the development trend of digital gear design and manufacturing technologies at home and abroad from the aspects of design, manufacturing and standards, and shared the status quo of digital development of China’s gear industry and successful cases of digital transformation of enterprises.

- **PTC ASIA Smart Drive Workshop - Smart Manufacturing Forum Powered by VDMA**
  This year, Mechanical Engineering Industry Association (VDMA) joined hands again with PTC ASIA to build the Smart Manufacturing Forum Powered by VDMA on the theme of Industry 4.0. Senior representatives of many well-known European companies in the industry, such as Lenze, Atlanta, Nord, SKF, Balluff and Schaeffler, shared their successful experience from different angles, and discussed new development trends of intelligent manufacturing with industry elites.

- **Gasgoo Match-making Event - Specially for Auto Powertrain Innovative Products**
  On October 23, the matchmaking meeting for procurement projects was officially held. At the meeting, high-quality suppliers in the fields of hydraulics, pneumatics, sealing, gears, motors, chain drives, belt drives, springs, bearings, etc. actively conducted face-to-face communication and negotiation with buyers on related projects. At the stage of project solicitation, Gasgoo Auto received requirements of many buyers in the automotive industry. Through theme matching and intent confirmation, more than 10 high-quality buyers such as HASCO MAGNA, Schaeffler, Meritor, and Nexteer issued project requirements through Gasgoo Auto and commissioned the platform to find suitable suppliers. After in-depth understanding of the requirements of buyers, Gasgoo Auto released project requirements through its own channels to find suitable suppliers. More than 200 suppliers signed up for the matchmaking meeting through Gasgoo Auto. After Gasgoo Auto’s preliminary screening and the buyers’ secondary screening, nearly 100 suppliers attended the matchmaking meeting.
Concurrent events

#HiTalks 2019 | Fluid Power Technology Innovation Conference

The forum was jointly organized by iHydrostatics, FPIA, SHPSA and PTC ASIA. This forum is the first forum focusing on high-end hydraulic pump components; it brought together top experts in the hydraulic pump industry to interpret innovative technologies and development directions of the high-end hydraulic pump industry in depth; it pays attention to the industrial level, showing new designs, new processes, new theories, new products and new directions of the hydraulic pump industry. It provides enterprises in the field of hydraulic pumps with a professional platform for exchanges on innovative technologies and industrial synergy. The Conference lasted for two days, with 11 sessions for special reports and industrial dialogues. The special reports will cover: intelligent hydraulic components; design of new hydraulic pumps and systems; research on digital distribution axial piston pumps; theories and application of spherical power machinery; application of metal 3D printing in the design of hydraulic parts; Industry 4.0 and interconnected hydraulics; key technology of intelligent digital pumps; innovative design of hydraulic components; application of virtual prototype technology in the development of hydraulic pumps, etc.

National Digital and Intelligent Hydraulic Summit Forum

More than 100 people including senior industry leaders, well-known professors, scholars, and outstanding corporate representatives were invited to the forum. All seats were occupied, and the forum has been widely praised by the industry. The content shared by various reporters at the forum is full of highlights. For example, Professor Xu Yangzeng brought his new work, Hydraulic Industry 4.0, which interprets the future of intelligent hydraulics. Professor Wang Changjiang's Develop Assistance of Hydraulic Technologies, Create Intelligent Construction Platforms analyzed the hot concept of intelligent manufacturing in the 5G era in depth, strongly advocated intelligent construction and intelligent platforms, and especially gave unique insights on how to build hydraulic platforms. Professor Zhao Jingyi brought the intelligent test method for customizable parallel energy-saving hydraulic components and systems.
Part of buyer delegations

Kobelco Compressors Manufacturing (Shanghai) Corporation
Boneng Transmission (Suzhou) Co., Ltd.
Hangzhou Donghua Chain Group Co., Ltd.
Shanghai Machinery Network Visiting Group
Forest Advertising
Jiangsu Jianghai Lubrication & Hydraulic Equipment Co., Ltd.
Xinxian City Filter Association
Wuxi Pneumatic Technical Research Institute Co., Ltd.
Zhejiang CoTEK Robot Co., Ltd.
Hangzhou Federation of Industrial Economies
IIANEWS
National Auto and Parts Export Base (Shanghai)
Green Intelligent Supply Chain Association of Suzhou Industrial Park
Shanghai Electric (Group) Co., Ltd.
Hangzhou Linan Juyuan Machinery Equipment Co., Ltd.
Shanghai Future High-tech Co., Ltd.
Shanghai Lanshi Heavy Industry Machinery Co., Ltd.
Yanfeng Adient Seating Co., Ltd.
EP Equipment
Shanghai Port Machinery Heavy Industries Co., Ltd.

Atlas Copco (Wuxi) Compressor Co., Ltd.
Pan-Asian Gas Technology (Wuxi) Co., Ltd.
Zhongshi Luoyang Heavy Machine Co., Ltd.
Wuxi Weifu Precision Machinery Manufacturing Co., Ltd.
Eurocrane (China) Co., Ltd.
Shanghai Dianli University
Shanghai POHUI Drive System Co., Ltd.
Shanghai University
Changzhou Mold Association delegation
Weichai Power Co., Ltd. Shanghai Branch
Blue Sword
Nantong Navigation Machinery Group Co.,Ltd.
Suzhou Hong’an Machinery Co., Ltd.
Shanghai Sunfilter Industrial Co., Ltd.
Hangzhou 707 Technology Co., Ltd.
University of Shanghai for Science and Technology
Shanghai University Of Engineering Science
Shanghai Institute of Technology
Donghua University
Vogel

Chinakong.com
Xizi Supply Chain Management Club
FSC
Hangzhou Yuhang District Equipment Manufacturing Association
Hangzhou Machinery Industry Association
SEW-EURODRIVE
Shanghai Jiao Tong University
SKS Hydraulic Technology Co., Ltd.
KOK
Shanghai Caifan Machinery Co. Ltd.
HC360.com
Jiaxing Mold Industry Association
Wuxi Xiya Compressor Co. Ltd.
KUKA
BYD
MEIKOLONG Metal Products (China) Co., Ltd.
Shanghai ABB Power Transmission Co., Ltd.
Jiangsu Procter&Gamble Co. Ltd.

...
Matchmaking participants

- Guizhou Dingcheng Rongxin technology Co., Ltd.
- KIS Bearing Technology (Asia Pacific) Co., Ltd.
- Xuzhou Huawei Hydraulic Equipment Factory
- Beizi (Beijing) Technology Development Co., Ltd.
- Shanghai Quan Neng science and trade Co., Ltd.
- Yantai Tonghan transmission technology Co., Ltd.
- Netzsch (Shanghai) Grinding & Dispersing Co., Ltd.
- Sanmen Jingfei industrial Co., Ltd.
- Shenyang Ruiyu technology Co., Ltd.
- Shanghai Hpngpan Co., Ltd.
- Tianjin Jinya electronics Co., Ltd.
- Zhejiang Fitting Machinery Co., Ltd.
- Tangshan Shengbo machinery technology Co., Ltd.
- Taiyuan Guangfutian Hydraulic & Pneumatic Co., Ltd.
- Koso Control Instrument (Anshan) Co., Ltd.
- Guangzhou SIE Consulting Co., Ltd.
- Shanghai Heli Turbine Co., Ltd.
- Shanghai Shipyard Co., Ltd.
- Shanghai 4New Control Co., Ltd.
- Shanghai Konide Electronic Technology Co., Ltd.
- Beijing iLEYON-Shine Fluid-Tech Co., Ltd.
- Shanghai Fuaiqi Bearing Co., Ltd.
- Xi’an Zhuijie Construction Machinery Co., Ltd.
- Gaudent Technologies Group
- Shanghai Dongjie Hydraulic Co., Ltd.
- Shanghai Junxian Electromechanical Technology Co., Ltd.
- Midea Group
- Shanghai Hangfu Airport Equipment Co., Ltd.
- Shanghai Hiteco Limited
- China General Machine Components Industry Association (CMCA)
- Shanghai Huafeng Industrial Control TechCorp.
- Shanghai Pangdai Import and Export Co., Ltd.
- Ningbo Chuangli Hydraulic Machinery Manufacturing Co., Ltd.
- Shanghai Tuanfei Electromechanical Technology Co., Ltd.
- Shanghai Xinia mechanical and electrical materials Co., Ltd.
- Shanghai Huizhou Electromechanical Complete Set Co., Ltd.
- Qingdao City Southern lubrication hydraulic equipment Co., Ltd.
- Shandong Mingde Construction Machinery Co., Ltd.
- Xuzhou Zhitong Automation Equipment Co., Ltd.
- Shandong Guangming Hydraulic Pneumatic Co., Ltd.
- Shanghai Qiyang New Energy Automobile Technology Co., Ltd.
- Na Cheng Imported Bearing (Shanghai) Co., Ltd.
- Stauff Hydraulic (Shanghai) Co., Ltd.
- Qiyang Trading (Shanghai) Co., Ltd.
- Shanghai ABB Power Transmission Co., Ltd.
- Foshan Yousheng Hydraulic Machinery Co., Ltd.
- Shanghai Taprogge Watertech Engineering Co., Ltd.
- Shanghai Konide Electronic Technology Co., Ltd.
- Beumer Machinery (Shanghai) Co., Ltd.
- CSSC Hudong heavy machinery Co., Ltd.
- Hangzhou Xuyu Technology Co., Ltd.
- Shanghai Jiajian International Trading Co., Ltd.
- Zhe Jiang Changxing Zhengda Electric Furnace Co., Ltd.
- Tianjin Dingcheng high-tech industry Co., Ltd.
- Cube Energy Technology Co., Ltd.
- Shanghai Qiyang Automation Co., Ltd.
- Fenner Sealing Technologies (Shanghai) Co., Ltd.
Promotion channels

Mobile APPs like Toutiao, Tencent News and Baidu News
- Toutiao 26,743,000+ exposure
- Tencent News 4,488,000+ exposure
- Baidu News 4,585,000+ exposure

Overseas social media like Facebook, Twitter and LinkedIn
- 4,187,000+ exposure

Official website and Official Wechat Account
- Official website 227,000+ impressions
- Official Wechat Account 76,000+ fans

Search engine like Baidu and Google
- Baidu 739,000+ exposure
- Google 672,000+ exposure
Promotion channels
Impressions of PTC ASIA 2019
Supporters
Sub-Association for Hydrodynamics, CHPSA
Sub-Association for Pneumatics, CHPSA
Sub-Association for Rubber Seals mechanical seals, CHPSA
Sub-Association for Mechanical Seals & Packing Seals, CHPSA
Sub-Association for Gear Manufacturers, CMCA
Sub-Association for Chain Transmission Manufacturers, CMCA
Sub-Association for Fastener Manufacturers, CMCA
Sub-Association for Spring Manufacturers, CMCA
Sub-Association for Coupling Manufacturers, CMCA
Sub-Association for Powder Metallurgy Manufacturers, CMCA

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www.cmca-view.com

VDMA - Power Transmission Engineering Association, Germany
VDMA - Fluid Power Association, Germany
European Fluid Power Committee (CETOP)
European Committee of Association of Manufacturers of Gears and Transmission Parts (EUROTRANS)
Italian Association of Mechatronic Technologies and Components for Fluid Power, Power Transmission, Smart Automation and Control of Industrial Products and Processes (FEDERTEC)
Korea Association of Machinery Industry (KOAMI)
British Fluid Power Association, Great Britain (BFPA)
Japan Fluid Power Association (JFPA)
Taiwan Fluid Power Association (TFPA)