

Report **On MetalForm China 2024**

4-7, July 2024

National Exhibition and Convention Center (Shanghai)



中国锻压协会 | 锻造 | 冲压 | 钣金制作 |
Confederation of Chinese Metalforming Industry

Dear Exhibitors

With strong support from all of partners and cooperators, MetalForm China 2024 successfully concluded at the National Exhibition and Convention Center (Shanghai)

This exhibition covers an area of 26,000 m² and has attracted 274 exhibitors from 9 countries and regions. The exhibition features a "Exquisite Exhibition in Kind" and encourages exhibitors to bring high-quality products for display. The 75% of the exhibitors brought their physical exhibits to the exhibition. All of exhibits concentrated display of the latest metal forming and Joint & Welding technology and equipment , tooling and dies, automation and peripheral equipment, auxiliary materials, testing and inspection devices, surface treatment technology and equipment, as well as various forging, stamping, sheet metal/fabricating parts. The exhibition meets the needs of the vast majority of metal forming industry enterprises and users.

To meet the different needs from the industry and provide better docking services for exhibitors and visitors, and the aim of innovation driven communication and exchange in the exhibition, the exhibition establish the following distinctive projects:

- (1) Nine special display areas have been set up, including fine blanking, rolling, aviation materials, deburring and surface treatment, pipe/tube, and works from Contest of Sheet Metal/Fabricating Operation.
- (2) Specially set up some "On-site Meeting Room" to facilitate talks taken by exhibitors and visitors.
- (3) Set up a special "Expert Desk" to provide solutions to the questions from visitors and exhibitors, and invite experts to give lectures on the specialized topics.

This exhibition attracted 17,343 professional visitors from 19 countries, and 32 provinces and regions in China, and continued to be live streaming through new media platforms such as Vidue Live and Video Account. The number of online viewers of the exhibition reached 41,229. Based on evaluation, there were 1,815 visitors with clear procurement needs, and approximately 110 exhibitors reached preliminary cooperation intentions with the visitors during and after the exhibition.

In terms of exhibition promotion and visitors organization, we vigorously strengthen channel advertising, parallel online and offline promotion, continuously promote more extensive, accurate and efficient promotion works, and help steadily enhance the brand influence of the exhibition. According to incomplete statistics, online advertising has been exposed to over one million times and reached over 600,000 viewers. Through self-operate platforms, communities, etc., we maintain the popularity of exhibitions and promote opportunities for demand, ensuring that there is information about exhibitors and exhibits every day. At the same time, utilizing the association platform, we deeply communicate and cooperate with user associations and user enterprises to provide customers with high-quality supplier resources throughout the year. Continuously participate in various upstream and downstream activities and exhibitions, and constantly expand new customer needs. Strive to create an experiential service for exhibitors: the exhibition taken one times equals long-term promotion taken.

Through before-exhibition organization, we invited 102 professional visitors groups, totaling over 1,200 people. After the exhibition, we will mail the Catalogue and Exhibition Information to all pre-registered professional visitors who did not attend, and conduct follow-up research to understand the needs of the enterprise and achieve procurement and supply docking.

During this exhibition, the 5 events on site, presented 41 technical lectures and reports, include Buyers Forum Int'l 2024, TPP- MetalForm Conference China 2024, ECO-MetalForm Summit 2024, Promotion Forum 2024 and Shen Gong (Masterpeice) Prize 2024. Outside the exhibition site, the Forge China 2024, Stamping China 2024, and Blech China 2024(The first Summit of China Sheet Metal Sustainable Development and The first Asia Sheet Metal Conference) were held simultaneously, with more than 800 participants.

In addition, several highly prestigious awards in the industry presented during the exhibition. These awards include the " Best Partner of MetalForm China2024 ", " Shen Gong (Masterpeice) Prize2024", " Top100 Sheet Metal Parts Producer ", and" Qualified Suppliers Recommended 2024".

We have selected a total of 30 companies of "Best Partner of MetalForm China", recommended 94 excellent equipment suppliers and their products in the Chinese metal forming and forge industry, selected 30 component products from 25 "Shen Gong (Masterpiece) Prize" winning enterprises, and selected 100 companies as the "Top100 Sheet Metal Parts Producer".

The MetalForm China 2025 will continue to be held at the National Exhibition and Convention Center (Shanghai) from June 17-20, 2025. We look forward to every colleague in our industry actively participating and looking forward to our reunion again!

Wishing your company a prosperous and thriving business!

MetalForm China Division of CCMI

1. Exhibitors

The area of the exhibition is 26000m², with 274 exhibitors, including 30 exhibitors from outside of China, accounting for 11%. Its exhibitors are from countries such as the United States, Germany, Spain, Italy, Japan, South Korea, Czech Republic, Israel and China, and regions such as Hong Kong, Taipei China. There also some representative office or agency of foreign-owned enterprises.

By category, there are 49 component producers, 113 forging technology, equipment and the auxiliary enterprises, 112 stamping/pressing, sheet metal/fabricating technology, equipment and the auxiliary enterprises, and 207 exhibitors, 75% of exhibitors, brought his physical exhibits to be display on site.

Industry	Number of Exhibitors	%
Components or Parts Producers	49	17.9
Forging Technology, Equipment and Auxiliary	113	41.2
Stamping/pressing , Sheet Metal/fabricating technology, Equipment and Auxiliary	112	40.9
Total	274	100.00

In order to meet the special needs of users from various fields and facilitate the visitors resourcing, the exhibition has set up multiple special exhibition areas:

Name of Exhibition Areas
Aviation Materials Working
Fine Blanking
Components and Container Head for Energy, petrochemical and Marine Equipment Industry
Deburring and Surface Treatment Machine and Tech.
Flexible Bending Center and Robot Bending Unit
Rolling and Cold Rolling Machine and Tech.
Tube & Pipe Working Machine and Tech.
Works from the 2 nd Contest of Sheet Metal/Fabricating Operation
High-speed Precision Stamping/Pressing Equipment and Tech.

The establishment of characteristic exhibition areas reflects the professionalism of the exhibition and the recognition of hot topics in the industry, greatly enriching the content of the exhibition and meeting the procurement needs of visitors in different fields. In the future, we will continue to expand the specialized exhibition area of technology in the field of metal forming, and continuously expand and invite more high-quality enterprises to participate (exhibit and visit).

2. Visitors

There are 17,374 professional visitors. This analyzes of visits in this report will be on the valid data of visitors:

(1) Source Area

Visitors of Outside of China: There are 768 visitors from outside of China, including Japan, South Korea, Singapore, Malaysia, the Philippines, Indonesia, India, Russia, Germany, Spain, the United States, Iran, Uzbekistan, Yemen, Saudi Arabia, Kazakhstan, Nepal, Bangladesh and Sri Lanka, and other countries and regions.

Visitors by Region of China			
Region	Province	Numbers of Visitors	%
East China	Shanghai, Jiangsu, Zhejiang	6923	39.8%
East China	Anhui	1425	8.2%

East China	Shandong	1217	7%
North East	Heilunjiang, Liaoning, Jilin	486	2.8%
North West	Xinjiang, Qinghai, Shaaxi, Inner-Mongolia ,Gans,Ningxia	864	5.0%
North China	Beijing, Tianjin, Hebei, Shanxi	2085	12.0%
Central of China	Hunan, Hubei,Henan	1529	8.8%
South China	Guangdong, Guangxi, Fujian, Hainan	2536	14.6%
South West	Sichuan, Chongqing, Jiangxi, Yunnan, Guizhou	274	1.6%
Special Administrative Region	Hong Kong, Macau, and Taiwan	35	0.2%
Total		17374	100.00%

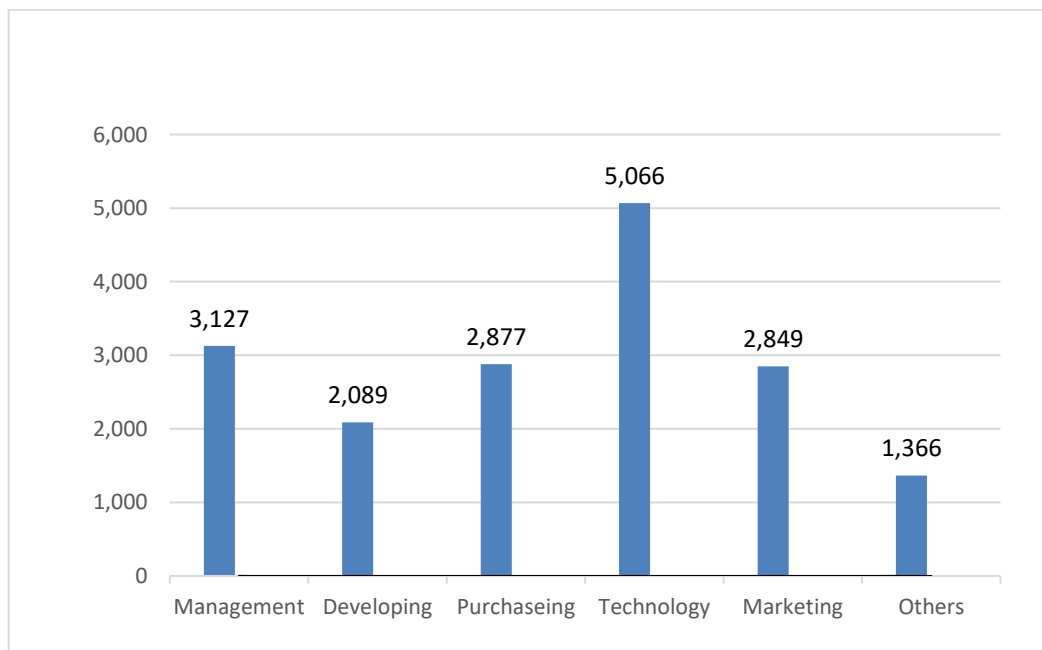
Among the visitors, the East China region accounted for 55%, the South China region accounted for 14.6%, and the North China region accounted for 12%, most of the visitors are from the main area of manufacturing industry.

(2) Visitors per Day

Date	Visitors
4-7-2024	6081
5-7-2024	5738
6-7-2024	3474
7-7-2024	2081
Total	17374

Normally, large number of visits are on the first and second days of the exhibition, and important purchasing and visit group organized like to visit the exhibition during these two days. The main leaders and sales engineer of each exhibitor should maintain a good reception status.

3. Analysis of Visitors Position



In the visitors, there are 3,127 persons from the management, accounting for 17.8%, 2089 developers,

accounting for 12.0%, 2,877 purchasing personnel, accounting for 16.6%, 5,066 technical personnel, accounting for 29.2%, 2,849 marketing personnel, accounting for 16.4%. The 1,366 personnel belong to others an accounting for 7.8%.

Compared to last year, the developing personnel has increased. The procurement personnel remains the same, indicating that there is still a significant demand in the buyer's market. The increase in the technical personnel indicates that the entire industry is still in the upward stage of technological upgrading and still requires more intelligent and efficient production technology and machines.

According to statistical research data, 1815 visitors reported clear procurement needs, accounting for 10.4%. The main purchasing Items are:

Parts & Components: forgings, stampings, fabricating/sheet metal parts, powder metallurgy parts, and machined parts, such as springs, shafts, frames, metals, fasteners, container head, and shells, etc., for automotive, agricultural machine, petroleum machine, engineering machine, aviation machine, and machine tool, in steel, stainless steel, Ti-alloy and Al-alloy etc.

Machine & Machinery: Horizontal Upsetter, Turret Press, Laser Cutter, Laser Welding Machine, CNC Punch Press, Sheet Metal/Fabricating Equipment, Forging Equipment, Heating Furnace, Heat Treatment Furnace, Hydraulic Machinery, Bending Machine, Electro-hydraulic Bending Machine, Fully Automatic Stamping/Pressing Machine, Punch Press with Safety Devices, Machining Machine, Forging Auxiliary , Welding Machine, Water Cooling System, Die-casting Machine, Spinning Machine, Induction Heater, Tools and Metals Processing Machine, Shot Blast, Roll Forming Machine, Cross Wedge Rolling Machine, Ring Forging Press, Horizontal and Vertical Forging Auxiliaries, Robot Accessories, Laser Equipment, Sheet Metal/Fabricating Solutions, Air Expansion Devices, Polishing Machine, Machining Center, Electric Welding Machine, Servo Hydraulic Press and Stamping Peripheral Machine, Pipe Bending Machine, 200 ton Hydraulic Press, Descaling Machine, Automation System, 3D Robotic Arm and Welding Robots etc.

Material: Aluminum bars, non-ferrous metals, die materials for non-ferrous metal forming, steel, aluminum plates, die steel, cold-rolled steel, color plates, stainless steel, galvanized plates, titanium and Ti-alloys, nickel and nickel alloy profiles, etc.

Others: Tooling and die holders, hydraulic pumps, motors, accumulators, solenoid valves, electronic components & supplies, automation, intelligent warehousing, equipment and die accessories, rubber rings, rollers, aluminum alloys, die & tool spare parts, temperature controllers, furnace tools and processing, surface treatment, forging equipment accessories, welding & stamping dies, grinding paste, grinding wheels, release agents, etc.

4. Visiting Group

The 102 professional groups organized to visit the exhibition, including (in no particular order):

2024 中国锻造大会参观团	济南二机床集团有限公司参观团
2024 中国冲压大会参观团	济南海德热工有限公司参观团
亚洲钣金行业交流大会参观团	济南绿洲清洗设备有限公司参观团
常州钣金协会参观团	江苏钢锐精密机械有限公司参观团
江苏省模具行业协会参观团	江苏和泰汽车零部件有限公司参观团
湖北锻压协会参观团	江苏恒立液压股份有限公司参观团
德西福格汽车配件（平湖）有限公司参观团	江苏江河机械制造有限公司参观团
靖江市模具商会参观团	江苏龙城精锻集团有限公司参观团
廊坊市工业经济联合会参观团	靖江正茂锚链附件有限公司参观团
无锡市新峰管业有限公司参观团	溧阳市金昆锻压有限公司参观团
泰尔重工股份有限公司参观团	龙口市新达工具有限公司参观团
慈溪市模具行业协会参观团	洛阳鼎红电气科技有限公司参观团
上海狄撒金属制品有限公司参观团	洛阳顿汉电器有限公司参观团

浙江省电动汽车行业商会参观团	麦格思维特公司参观团
苏州工业园区汽车行业商会参观团	美的集团参观团
浙江省紧固件产业技术联盟参观团	敏实集团参观团
金丰（中国）机械工业有限公司参观团	南京航空航天大学参观团
无锡模具协会参观团	南京理工大学参观团
东风锻造有限公司参观团	南通大通宝富风机有限公司参观团
白城中一精锻股份有限公司参观团	宁波博威合金材料股份有限公司参观团
扬州市邗江区智能制造机械行业协会参观团	宁波海天驱动有限公司参观团
江苏一重锻造有限公司参观团	宁波极致精密机电工业有限公司参观团
安徽鑫和源新材料科技有限公司参观团	青岛明俊德机械有限公司参观团
比亚迪汽车工业有限公司参观团	山东创新精密科技有限公司参观团
博世力士乐公司参观团	山东磐金锻造机械有限公司参观团
沧州坤兴不锈钢制品有限公司参观团	山东泰瑞汽车机械电器有限公司参观团
常州阿科牧机械有限公司参观团	上海 ABB 工程有限公司参观团
常州工业职业技术学院参观团	上海地通汽车部件有限公司参观团
常州市建邦金属材料有限公司参观团	上海发那科机器人有限公司参观团
大连艺鸿机械制造有限公司参观团	上海昊美机械有限公司参观团
东亚科技（苏州）有限公司参观团	上海交通大学参观团
法因图尔精密部件（太仓）有限公司参观团	上海交运集团股份有限公司汽车零部件制造分公司参观团
广东泰昌科技发展有限公司参观团	上海美信联合建设发展有限公司参观团
广东新环机电装备制造有限公司参观团	上海通旺轴承有限公司参观团
广西玉柴机器股份有限公司参观团	太仓邝德-友联电讯设备有限公司参观团
广州东昇机械有限公司参观团	天津市艾尔特石油设备有限公司参观团
贵州航宇科技发展股份有限公司参观团	通裕重工股份有限公司参观团
海门市晟春五金制品有限公司参观团	万向钱潮股份公司参观团
杭州恒龙电动汽车有限公司参观团	无锡金兆节能科技有限公司参观团
杭州老板电器股份有限公司参观团	无锡小天鹅电器有限公司参观团
杭州勒克伦汽车配件有限公司参观团	武汉迈鑫汽车模具有限责任公司参观团
河南平原光电科技有限公司参观团	小松产业机械（上海）有限公司参观团
河南正开元机械科技有限公司参观团	徐州徐工液压件有限公司参观团
衡阳市振洋汽车配件有限公司参观团	一汽解放汽车有限公司参观团
湖北恒嘉科技有限公司参观团	亿阔远洋（天津）国际贸易有限公司参观团
湖北三环车桥有限公司参观团	易纳纬（杭州）智能科技有限公司参观团
湖州久立永兴特种合金材料有限公司参观团	宇通客车股份有限公司参观团
湖州盛义铜管工业有限公司参观团	长春英利汽车工业股份有限公司参观团
华中科技大学参观团	郑州煤机铸锻有限公司参观团
霍山汇能汽车零部件制造有限公司参观团	珠海格力电器股份有限公司参观团
吉林富锋汽车部件有限公司参观团	诸暨市诚通机械配件有限公司参观团

5. Promotion & Visitor Invitation

The online and offline promotion of the MetalForm China 2024 have been carried out in parallel, continuously promoting more extensive, precise, and efficient, helping to steadily enhance the brand influence of the exhibition, continuously exposing exhibitors in the industry, and creating a concept of long-term benefits for exhibitors.

- (1) **Online Live Streaming:** "Review 2023", an event, was taken on a Video Account by Live Streaming to promote new metal forming (Forging/Stamping/Sheet Metal/Fabricating) equipment, technologies and components, reaching over 3,000 viewers, 110,000+likes, 1,000+comments, and receiving widespread attention and praise from industry practitioners.

- (2) **Online Advertising:** Before the exhibition, WeChat friends circle advertising and Tiktok advertising were launched 10 times respectively, focusing on stand/booth sales and visitors registration, and accurately reaching millions personnel of the industry from more than 10 provinces, hundreds of major cities, including Jiangsu, Zhejiang, Shanghai, Beijing, Tianjin, Hebei, Hubei, Henan and Anhui.
- (3) **Outdoor Advertising:** Carry out subway light box publicity at AAA+stations of Shanghai Metro, bringing millions of network traffic, and attract thousands of new followers of official account. Outdoor advertising is placed in major industrial clusters in Jiangsu, Zhejiang, and Shanghai, with over a thousand companies affected.
- (4) **Offline Promotion:** Continuously participated in more than 30 national industry exhibitions and conference, adopting various forms of stand/booth sales and visit invitation, achieving good results. In addition, continuously visit key buyers and end-users to explore procurement needs.
- (5) **Targeted Promotion:** Regularly mail over one million copies of paper promotional materials such as exhibition flyers, brochures, exhibition newspapers (Inview), CCMI newsletters (Hotopic), exhibition tickets, and CCMI official documents. Regularly send emails and text messages to key customers, with an annual sending volume of up to 7 million times.
- (6) **Offline Roadshow:** Holding the MetalForm Tech China - Promote Intelligent Forming at the Beijing, Tianjin and Hebei Area, Greater Bay Area, and Jiangsu, Zhejiang, Shanghai and Anhui regions. The six promotion conferences in the three regions have received enthusiastic responses, helping to deepen the visibility and influence of exhibitions in three regions.
- (7) **Community:** Operate dozens of segmented industry communities and thousands of industry traffic, timely share industry information, exhibitor recommendations, technology sharing and other content in the community, and relevant information can reach tens of thousands of people.
- (8) **Video Promotion:** Tiktok Account and Video Account cover exhibition sales, exhibitor publicity, exhibitor invitation, Contest of Sheet Metal/Fabricating Operation, on-site situation publicity and other contents. In the early stage of the exhibition, hundreds of videos have been loaded, with thousands of likes and hundreds of thousands of views.
- (9) **Media:** Deeply cooperate with industry media such as "Forge and Metalforming", "Fabricating", China Forge & Metalform Net, "Forging & Stamping Technology" and "Metal Working", etc., actively promoting the exhibition.
- (10) **10. Cloud Album:** The exhibition cloud album synchronously displays a massive amount of the on-site styles of the exhibitors and visitors with an exposure of millions.

6. "Events in "SepDay"

The SepDay Festival, centered on exhibitions and gatherings, Information, product-display and memorial, includes ten major event aimed at not only exhibitions but also the following events.

Outside the exhibition site, the Forge China 2024, Stamping China 2024, and Blech China 2024 (The first Summit of China Sheet Metal Sustainable Development and The first Asia Sheet Metal Conference) were held simultaneously, with more than 800 participants. All of the detailed information could be found in the related summary of the A.M three events.

The following events were held in the MetalForm China 2024.

(1) Opening Ceremony

On the morning of July 4, 2024, the MetalForm China 2024 grandly opened, and industry colleagues gathered to witness this important moment. The leaders and guests, attending the opening ceremony, include:

Mr. Miao Changxing, a first level inspector of the No.1 Equipment Industry Department of the Ministry of Industry and Information Technology.

Mr. Sun Xuewen, staff of the No.1 Equipment Industry Department of the Ministry of Industry and Information Technology

Ms. Wu Chunping, Deputy Director of the Intelligent Manufacturing Promotion Department of the Shanghai Commission of Economy and Information Technology, as well as more than 20 personnel including the president, Vice president, director of the Supervisory Board, and Secretary General of the CCMI.

Mr. Xia Hanguan, President of CCMI and President of Jiangsu Pacific Precision Forging Co., Ltd., delivered the opening speech. Representatives of exhibitors, including Mr. Jung Jongho, Vice President of South Korea's Hoseong Industries Co., Ltd. and Mr. Wang Xiaodong, Executive Deputy General Manager of Zhejiang Yiduan Precision Machinery Co., Ltd., delivered speeches.

(2) Promotion Forum 2024m for Technical Cooperation and Talent Service

There are 60 technologies/projects from universities or research institutes displayed in Technology Achievement Area this time. The following are the technologies/projects names. What you are interested in, please contact the contact person.

No.	Terms	Technologies/Projects	Contact Person	E-mail
1	常州先进制造技术研究所	温锻生产线上料机器人系统	张雅堃	ykzhang@iamt.ac.cn
2		金属锻冲压成形智能制造系统		
3		页岩气石油钻采用关键零部件热挤压用锻压机器人上下料系统		
4		小型零件高速热锻机械手		
5		高温锻压自动化生产线		
6	上海交通大学	轻体结构零件精密成形（精冲+板料锻造）		claption@sjtu.edu.cn
7		低频振动辅助成形		
8		复杂构件的精密锻造成形技术		
9		轻质高强薄板柔性渐进成形		
10		高强轻质材料的板管热成形技术		
11		轻质高强板材塑性成形工艺与机理研究		
12		大型锻件热制造形性预报技术及工程应用		
13		金属材料“塑性成形—组织/缺陷演化—再结晶/相变”全流程宏微观集成计算理论与平台		
14		多结构多物理场耦合一体化设计与模拟仿真技术		
15		医疗机器人技术、数字化医学技术		
16		数字孪生与智能制造关键技术开发		
17		融合企业领域知识的机械、汽车、模具智能设计系统		
18		碳纤维复合材料轻量化设计与成型技术		
19		反向工程与快速成型技术		
20		生产过程管理研究		
21		聚合物基复合材料成型技术		
22	北京科技大学	高效绿色轴类零件轧制技术		zhengzhenhua@ustb.edu.cn

23	江苏大学	模具表面激光选区复合织构技术		fh@ujs.edu.cn
24	北方工业大学	高强轻质金属板材辊弯成形核心技术研究	韩飞	hanfei@ncut.edu.cn
25		精密辊弯成形工艺与装备科技成果		
26		辊弯成形		
27	上海交通大学	原位自生钛基复合材料构件等温精密成形技术	吕维洁	luweijie@sjtu.edu.cn
28	中国机械科学总院集团北京机科国创轻量化科学研究院有限公司	轻质高强材料热冲压成形技术及装备	李金朋	lijpcam@163.com
29	北京理工大学自动化学院自主智能无人系统全国重点实验室	3D 高精度测量软件	曾 燕	2049607015@qq.com
30		光度立体 2.5D 成像系统		
31	清华大学天津高端装备研究院	钢丝预应力缠绕技术在重型液压机的应用	刘永前	liuyq@tsinghua-tj.org
32	东北大学	大尺寸无缝管材近净一体成型（材质：铜、铝；尺寸：直径1.5m-2.8m，长度≤8m）		
33	中国科学院金属研究所	高精度板式楔横轧装备及工艺开发	程明	mcheng@imr.ac.cn
34		管/板材先进液压成形技术的开发和应用	徐勇	18640328351
35	浙江大学	温度对涡轮盘用高温合金GH4151塑性的影响及中温脆性机理研究		
36	吉林大学	曲面件多点成形柔性智造技术与装备	韩奇钢	13844065361
37	武汉理工大学	环件、齿轮、中厚板构件高性能塑性成型制造技术		wuminmin@whut.edu.cn
38		高碳高合金钢轴承环件室温冷轧技术装备		
39		高性能齿轮齿形无切削摆碾成形		
40		复合精冲技术与装备		
41		高强铝合金构件短流程精确成形技术		
42	浙江祺跃科技有限公司	纳米分辨可视化锻造平台	韩工	qytech@vip.163.com
43		纳米分辨可视化长时服役力学性能测试平台		
44		纳米分辨可视化原位力热耦合测试平台		
45		高温合金冶炼制备全过程控制技术	姚志浩	zhihaoyao@ustb.edu.cn

46	北京科技大学 高温材料研究室	新一代高温合金设计研究探索		
47		燃机高温部件失效及寿命预测技术		
48	西北工业大学	铝合金薄壁异形壳体	詹梅	zhanmei@nwpu.edu.cn
49		高温合金复杂截面封严环		
50		钛合金整体隔框		
51		铝合金大型异型曲面封头		
52		带环形外筋铝合金筒		
53		带螺旋内筋铝合金筒		
54		数控旋压机		
55		多能场辊压设备		
56		柔性成形智能化调控平台		
57	华中科技大学	高强钢热冲压成形技术研究与应用		www.zydl-ai.com
58		汽车多材料成形及连接技术研究及应用		
59		数字化热冲压工艺及装备、激光加工技术及应用		
60		数字化车间		

Expert Forum+Expert Dest- Frontiers, Digitalization, and Greenness

The Expert Forum, based on the development requirements of the new era and an international perspective, starting from reality, "destruction" came after "construction", and activating new driving forces for innovating. The forum focus on "cooperation between industry user and university & research institute" through innovative forms, deeply integrate industry user, university and research institute, accelerate the cultivation of new quality productivity force, and promote the high-end, intelligent, and green development of metal forming industry. At the same time as the forum, a dedicated "Expert Desk" has be set up to provide on-site consulting for the urgent problems that enterprises need to solve.

Welcome colleagues from all industries to continue to pay attention to new projects, encourage cooperation and innovation together, and jointly promote the development of our industry.

Time	Topics	Speaker and Company
PM, July 04		
14:00-14:40	面向轻量化和降本需求的新能源组件的高强钢智能辊压成形方案	孙勇 副研究员 电子科技大学(深圳)高等研究院
14:40-15:20	轻合金薄壁曲面构件高效高性能整体成形技术	刘钢 教授 哈尔滨工业大学未来技术学院常务副院长
AM+PM, July 05		
09:30-10:10	应力叠加增塑成形机理及在塑性加工中的应用	庄新村 教授/博导 上海交通大学材料学院
10:10-10:50	热模锻生产工艺技术及其发展趋势	蒋鹏 研究员/博导 北京机电研究所有限公司
11:00-14:00	茶 歇	
14:00-14:40	铝合金热制造成形过程温度智能化监控与可视化技术	张玉存 教授/博导 燕山大学
14:40-15:20	高强钢热成形解决方案在汽车轻量化领域的应用	雷呈喜 副教授 哈尔滨工业大学

AM, July 5		
9:30-10:10	多向模锻液压机创新设计及应用	张磊 副教授 清华大学
10:10-10:50	金属薄壁构件高速冲击液压成形技术	徐勇 研究员 中国科学院金属研究所

(3) ECO-MetalForm Summit 2024
- ChinaForge Fair Conference 2024
- MetalForm China Conference 2024

This event is an interpretation of the development and current situation of the metal forming industry in conjunction with national macroeconomic and industrial policies. Through it, business operators can see the development of the industry and refer to benchmark the industry for their own enterprise development and operation.

Time	Topics	Speaker
14:00-14:30	如何理解锻压行业	中国锻压协会 副理事长 韩木林
14:30-15:00	中国金属成形行业企业现状与发展	中国锻压协会 副理事长 齐俊河

(4) Buyers Forum Int'l 2024
- 2024 Forging, Stamping and Fabricating Parts Buyers Meeting

On July 4, 2024, CCMI successfully held the "Buyers Forum Int'l 2024" and "2024 Forging, Stamping and Fabricating Parts Buyers Meeting " at the National Exhibition and Convention Center (Shanghai). 17 purchasing enterprise representatives attended and had on-site talks with more than 100 supplier representatives.

On the AM of July 4, 5 important guests from the industry brought wonderful reports to jointly explore the advanced processes and technologies of China metal forming under high-quality development.

On the PM of July 4, representatives from 17 purchasing companies and suppliers actively communicated and exchanged ideas. Some supplier brought physical components directly to the site for further discussion and in-depth negotiations in order to better meet their needs. They gained a lot from each other's in-depth discussions. The presentation during the event is as following:

Title	Speaker
散热器先进锻造工艺、模具及锻造设备	佛山市路盛精密制造有限公司/ 总经理/ 范云宽
锻-轧成形技术在各领域关键零部件极限制造中的应用	伊莱特能源装备股份有限公司技术员赵方娜
汽车航空锻件用铝合金材料低成本制备技术及应用	有研金属复合材料（北京）股份公司副总经理李豹
面向新能源的先进精冲工艺及技术	濂良（佛山）精冲有限公司营业部长曹艳群
汽车转向节锻造工艺及技术	重庆庆铃锻造有限公司市场营销经理白宏民

Buyers on Site	
KSB 国际采购中心	广东洛梵狄智能科技有限公司
瑞凯威飞机座椅（中国）有限公司	浙江三花控股集团
上海飞华实业有限公司	一汽大众汽车股份有限公司
浙江和协精工机械有限公司	浙江跃进机械有限公司
武汉市泓锦瑞科技发展有限公司	和为动力科技（杭州）有限公司
期埃施机械制造（上海）有限公司	佩卡中国有限公司上海代表处
江苏恒立液压股份有限公司	Blackwood Engineering Ltd.
南京高速齿轮制造有限公司	
上海技马实业有限公司	
徐州徐工液压件有限公司	

(5) TPP- MetalForm Conference China 2024
- Latest Technology & Products Promotion Press 2024
- ChinaForge Fair Conference 2024
- MetalForm China Conference 2024

In order to better assist the exhibition, facilitate visitors' understanding of the advanced exhibits, and promote new technology exchanges, the CCMI held the " TPP- MetalForm Conference China 2024" at site. The format brought participants technical knowledge and multidimensional cognition of on-site inspections, stimulated ideas, and sparks of talks.

TPP- MetalForm Conference China 2024		
-Forging		
July 5-6, Booth: D327		
Time	Title	Speaker
July 5		
10:00-10:30	视觉技术在锻造行业的应用	武汉威领锻造视觉科技有限公司 赵英杰
10:30-11:00	自动化产线技术在锻造行业的应用	兰州兰石重工有限公司 张康宁
11:00-11:30	伺服直驱电动螺旋压力机的创新发展及生产线应用实例	武汉新威奇科技有限公司 余俊
11:30-12:00	环锻件胀形技术的应用	诸城市圣阳机械有限公司 蔡利川
13:00-13:30	经典案例展示与液压机定制	佛山市大工兴液压机械有限公司 范云宽
13:30-14:00	柔性智能化复合锻造中心技术介绍	安阳锻压数控设备有限公司 王卫东
14:00-14:30	高径法兰锻造数控自动化设备生产线报告	江苏拢研机械有限公司 孙浩忠
14:30-15:00	新型合金钢高温防氧化涂料的研制与应用	北京天力创玻璃科技开发有限公司 刘琪
15:00-15:30	ECAI 纯电动辗环机以及意大利兰卡英圆棒精整线银亮线设备为锻造客户节能助力降耗增效	欧莱得科技发展（北京）有限公司 李宝卿
15:30-16:00	模块化锻造感应加热设备	应达工业（上海）有限公司 唐永君
16:00-16:30	P18R 系列电机对螺旋压力机行业的应用及伺服冲床冲压曲线规划	超同步股份有限公司 陈思
16:30-17:00	AGV 在金属成形中的应用	天津朗誉机器人有限公司 孔令亮
6 July		
10:00-10:30	大型铸锻件加工利器--龙门式全自动打磨机	深圳市国润德智能装备有限公司 张刚
10:30-11:00	高端环形锻件装备及生产线	天津市天锻压力机有限公司 解勇
11:00-11:30	大型材料成型液控系统用活塞蓄能器站建造规范性要求	西维尔蓄能技术（北京）有限公司 亓鑫
11:30-12:00	伺服驱动系统在锻压行业的发展	青岛必欧必电气有限公司 毕伟

TPP- MetalForm Conference China 2024 -Stamping/Pressing -Sheet Metal/Fabricating		
6-6 July, Booth: C203		
Time	Title	Speaker
July 5		
10:00-10:30	昊中同步控制技术在冲压效率提升上的应用	济南昊中自动化有限公司技术方案经理 苑金鑫
10:30-11:00	锂电结构件及氢燃料电池双极板的伺服冲压	江苏兴锻智能装备有限公司市场营销部部长 胡玉娟
11:00-11:30	第四代双门环零件热冲压生产技术与装备	东营广大金科机器人有限公司技术总工 李玉生
11:30-12:00	柔性折弯中心如何帮助钣金行业降本增效	南京蓝昊智能科技有限公司市场部部长 潘书恒
13:00-13:30	伺服化冲压——助力优化生产和智能制造	小松产业机械（上海）有限公司营业部 SE 科副科长 殷迪凯
13:30-14:00	钣金自动化解决方案	深圳懒人自动化机械有限公司总经理 赵宏伟
14:00-14:30	纽蓝客第二代全智能折弯中心 SL 300-PD 系统简介	广州纽蓝客智能科技有限公司研发部经理 刘志斌
July 6		
10:00-10:30	汽车板材金属成形自动化整体解决方案	济南奥图自动化股份有限公司副总经理 苏兴念
10:30-11:00	数控旋压机与精密旋压成形技术	傲垦数控装备（苏州）有限公司总经理 吴党柱
11:00-11:30	管材液力填充柔性弯曲工艺和装备	佛山市永恒液压机械有限公司工程师 胡红

(6) Award 2024 Presented in MetalForm China 2024

As an authoritative exhibition in the industry, the MetalForm China has become a benchmark for leading the industry with awards set during the exhibition. These awards, including the "Top 100" of qualified sheet metal/fabricating enterprises, the "Shen Gong (Masterpiece) Prize" for high-quality metal forming parts, "Qualified Suppliers Recommended" for the selection of excellent forging, stamping/pressing, and sheet metal/fabricating equipment and the "Best Partner of MetalForm China". Received enthusiastic attention from exhibitors, professional visitors, industry experts, professional media, and local associations.

The establishment of awards is an important manifestation of guiding the healthy development of the industry, especially in the following directions, which are also the problems and characteristics faced by the industry:

- 1) Advocate for high-quality products at good prices and promote differentiated development in the industry.
- 2) Enhance the visibility of enterprises and industries, and create momentum for the industry.
- 3) Play the role of model and encourage "innovative, efficient, and low-energy" developing.
- 4) Break down information silos, encourage enterprises to understand and learn from each other, and make progress together.

A. Top 100" of Qualified Sheet Metal/Fabricating Enterprises

The 100 sheet metal enterprises were selected through evaluation, and 15 of them are listed below. Please refer to www.chinaforge.org.cn/bjgy.html.

Company	Company
北京兆维电子（集团）有限责任公司交换设备制造分公司	河北中电信普智能科技有限公司
恒致远（北京）智能电气有限公司	双杰电气（合肥）有限公司
北京维冠机电股份有限公司	扬州恒佳机械有限公司
无锡新奇生电器有限公司	无锡康贝电子设备有限公司
杭州恒立制造科技有限公司	翰备机械部件(太仓)有限公司
苏州威登智能科技有限公司	南通舟舰钣金有限公司
金恒山电气无锡有限公司	苏州威登智能科技有限公司
苏州悦昇精密机械制造有限公司	

B. Shen Gong (Masterpeice) Prize 2024

As one of the ten important events of "SepDay"-MetalForm China 2024, the Shen Gong (Masterpeice) Prize 2024 has received attention and pursuit from a large number of component exhibitors. In order to ensure the fairness of the evaluation, the organizer, CCMI, organized experts to conduct material preview, booth visits, and on-site inquiries, fully understanding the process and forming characteristics of the exhibited parts. Finally, after discussion and deliberation, the works were selected for the Praise and Quality. With the transformation and upgrading of the machine-building industry and the pace of high-quality development, Chinese metal forming industry has also achieved rapid development. Not only can the traditional manufacturing industry meet the higher requirements of environmental protection, energy conservation, and lightweight, but the new demands of the metal forming industry for new formats have also kept up with the corresponding development pace, creating some new markets and developing some new products.

The highlights of the parts evaluation are as follows: ① The more and more forging parts have been produced with plate, reflecting the current development trend of forging and pressing components. In addition, the composite drawing adopts roller dies to achieve side punching on one- step, which improves the accuracy and production efficiency. ② Special processes (Metal Powder Injection Molding) have become a new solution for metal forming, for example, with which Junchang (Zhejiang) Precision Parts Technology Co., Ltd. produce lock cores. ③On the basis of meeting the requirements of high-strength and non-ferrous metal forming, forgings, stamped parts etc. pay more attention to the thin-walled, hollow, and integrated of the product, thus meeting the needs of lightweight. ④The industrial chain is extending, for example, Pacific Precision Forging Co. Ltd. has greatly improved the utilization rate of raw materials while improving the performance of forgings through the development and production of casting rod materials. Make the product more competitive. ⑤Currently, in order to meet the one-step forming of large and complex forgings, special half dies are used. ⑥Various types of forgings and stampings production have adopted precision forming and nett-forming process, with increasingly smaller allowance and higher material utilization rates, which is more in line with the industrial policies of environmental protection, energy conservation, and green production.

25 companies participated in the evaluation of the " Shen Gong (Masterpeice) Prize " this time, with a total of 30 parts displayed. We have ultimately identified 22 quality products and 8 praise parts. The list of award-winning parts is as follows:

No.	Company	Name of Parts	Prize
1	辽宁五一八内燃机配件有限公司	MAN14V32/40 曲轴	Quality
2	江苏太平洋精锻科技股份有限公司	8T003INEOS 掷弹兵控制臂	Quality
3	瓦房店轴承精密锻压有限责任公司	风电主轴调心滚子轴承内圈	Quality
4	山西春光锻造有限公司	履带板体	Quality

5		转辙机接点座	Quality
6		旋转(16)型锻造钩尾框	Quality
7	山东神力索具有限公司	SLR-2039 JA2-150 型固线夹本体	Quality
8	天仟重工有限公司	低压 6 级模锻动叶片毛坯	Quality
9	苏州三维精密金属制品有限公司	奶瓶盖	Quality
10		发动机变位器盖板	Quality
11	浙江赛克思精锻科技有限公司	缸体	Quality
12	东莞市国麦精密部件制造有限公司	混动汽车变速器齿毂	Quality
13	中冶重工(唐山)有限公司	缸体	Quality
14	江苏全盛座舱技术股份有限公司	拨爪	Quality
15	北京兆维电子(集团)有限责任公司	控制箱壳体	Quality
16	嘉兴和新精冲科技有限公司	双色金属精冲	Quality
17	山东温岭精锻科技有限公司	机器人 RV 减速器输出架	Quality
18	玉环盛旗机械有限公司	主减速齿轮	Quality
19	浙江隆瑞锻造有限公司	8 寸 150 磅固定球阀阀体	Quality
20	景德镇明兴航空锻压有限公司	燃机叶片	Quality
21	钩昶(浙江)精密部件科技有限公司	锁头	Quality
22	上海畅盈实业有限公司	齿轮轴	Quality
23	江西景航航空锻铸有限公司	风扇出口导叶	Quality
24	威海华邦精密工业股份有限公司	驻车蹄铁	Quality
25	辽宁五一八内燃机配件有限公司	YC20VTD3000-D30 曲轴锻件	Praise
26	山西春光锻造有限公司	车辆平衡肘	Praise
27		车钩钩舌	Praise
28	山东神力索具有限公司	SLR-12001 13-12 双环扣	Praise
29		SLR-2018 旋转双耳	Praise
30	玉环盛旗机械有限公司	空心轴	Praise

C. Qualified Suppliers Recommended 2024

This year, we screened all exhibitors, and recommended more than 100 forging, stamping, and sheet metal equipment from 94 exhibitors, focusing on innovation, application of new technologies, and overcoming difficulties, for industry reference during purchasing. The list of award-winning companies and products is as follows:

No.	Company	Products Awarded
1	FICEPS.P.A	棒料剪、电动螺旋压力机、机械压力机
2	拉斯科(北京)成形技术有限公司	铝合金转向节锻造全自动生产线
3	杭州国隆加热设备有限公司	智能化感应加热成套设备
4	苏州金凯达机械科技股份有限公司	高速圆锯机
5	青岛远大润烯科技有限公司	铝合金防护润滑剂
6	武汉威领锻造视觉科技有限公司	高温回转体锻件自动化视觉测量系统、视觉搬运系统、智能检测站
7	惠州安固振动控制技术有限公司	弹簧阻尼减振器
8	武汉新威奇科技有限公司	J58ZK 系列直驱式数控电动螺旋压力机、智能模锻压力机数字化平台
9	辽阳锻压机床股份有限公司	LDE53-6300 电动螺旋压力机
10	山东宏杰自动化设备有限公司	辊锻机、楔横轧机
11	威泰克科技(大连)有限公司	铝合金锻造脱模剂
12	南京力泰智能科技有限公司	超高压除鳞机、锻造氧化皮清洗机
13	青岛浩源益友锻压机械有限公司	GF、GM 系列高能螺旋压力机

14	湖北凌顶科技有限公司	伺服直驱螺旋压力机
15	沈阳名华时代科技有限公司	锻造脱模剂
16	无锡市大桥轴承机械有限公司	全自动数控辗环机
17	无锡市盛宝嘉科技有限公司	水平关节机械手
18	株式会社栗本铁工所	热模锻压力机
19	高密三江机械制造有限公司	水平分模机械装夹平锻机
20	超同步股份有限公司	大功率主轴电机、高扭矩压力机电机、异步压力机电机
21	无锡优航动力科技有限公司	锻造玻璃润滑剂、氮化硼涂料、保温涂料
22	河南力捷数控技术有限公司	中频炉
23	中机锻压江苏股份有限公司	程控全液压模锻锤、框架式切边液压机
24	贵阳天龙摩擦材料有限公司	摩擦片
25	浙江精卫特机床有限公司	高速圆锯机
26	故城县风动摩擦密封材料有限公司	摩擦盘总成、高耐磨摩擦块
27	北京易工自动化技术有限公司	喷淋润滑伺服机械手，除磷设备
28	山西晨辉锻压设备制造股份有限公司	锻造操作机、锻造取料机、辗环机
29	青岛高而富石墨有限公司	锻造石墨乳、无色锻造脱模剂
30	东莞辉科机器人自动化有限公司	摆臂锻造机械手，步进梁锻造机械手
31	连云港杰瑞自动化有限公司	步进梁
32	南京江联焊接技术有限公司	模具电弧增材制造离线编程软件系统与工艺
33	浙江欧锻重工机械有限公司	多向锻造液压机、环锻开坯锻造液压机
34	浙江阿波罗工具有限公司	高速圆锯机
35	山东凯泰焊接技术有限公司	模具 3D 打印增材制造机器人
36	郑州华隆机械制造有限公司	物联网数控压力机
37	应达工业（上海）有限公司	Inductoforge 模块化锻造感应加热系统
38	浙江锯力煌工业科技股份有限公司	智能下料无人工厂、带锯床、圆锯机
39	济南钢纳材料科技有限公司	耐高温耐磨损高韧性热作模具钢 SLG590
40	重庆恒锐金鼎感应科技有限公司	中频感应加热成套设备
41	镐成永生有限公司	棒料剪切机、热模锻压力机
42	江苏宏程数控机床有限公司	数控电液锤
43	浙江金顺达锯切科技有限公司	高速金属圆锯机
44	兰州兰石重工有限公司	径向锻造机
45	浙江晨龙锯床股份有限公司	带锯床、圆锯机
46	淄博诚拓机械有限公司	大侧窗伺服直驱螺旋压力机
47	天津市轩宇科技有限公司	全自动辊锻机
48	浙江威力士机械有限公司	高速圆锯机
49	ŽDAS 日嘉斯股份公司（札达斯）	快锻机自动生产线
50	佛山市康思达液压机械有限公司	YRK-SD 系列冷温热模锻钢丝缠绕液压机
51	欧莱得科技发展（北京）有限公司	圆棒剥皮机
52	常州思越自动化科技有限公司	高压除磷机
53	杭州科远电炉有限公司	中频加热炉
54	广东锻压机床厂有限公司	伺服压力机
55	富勘（上海）软件技术有限公司	FORCE MES FLEX、EMES
56	常州大晋纳米科技有限公司	冲压成型模具

57	东莞市哲盛机械有限公司	三合一送料机
58	富伟机械科技（淮安）有限公司	3D 智能模具仓储快速换模系统
59	济南昊中自动化有限公司	高速柔性机械手
60	佛山登奇机电技术有限公司	电机 BGTK13、伺服电机
61	阿童木（广州）智能科技有限公司	接触式单探头金属双张检测器
62	江苏芯创电液伺服技术有限公司	低速大扭矩伺服直驱电机
63	杰梯晞精密机电（上海）有限公司	冲床吨位仪、冲压误送检测装置
64	合肥合锻智能制造股份有限公司	直接热成形生产线
65	天津市天锻压力机有限公司	大型全伺服自动冲压生产线
66	沃得精机（中国）有限公司	精密伺服压力机、高速冲
67	扬力集团股份有限公司	数控折弯机、压力机
68	佛山永恒液压机械有限公司	卡压成型机
69	张家港市张运机械制造有限公司	可变牌坊式全伺服冷弯成型机组
70	中山市万达机械自动化科技有限公司	伺服数控成形液压机
71	宁波念初机械工业有限公司	伺服压力机、机器人
72	青岛良鼎自动化机械设备有限公司	热端自动上料机
73	星光树脂制品(昆山)有限公司	酚醛树脂摩擦块、偏航制动片
74	泰安市泰山区红星机器厂	人字齿轮 $\phi 300$ 至 5000
75	常州平衡越机械制造有限公司	平衡气缸
76	深思有形（深圳）科技有限公司	智能柔性辊压设备
77	傲垦数控装备（苏州）有限公司	三轮数控强力旋压机
78	佛山市南海宽为机械有限公司	内高压成型机(水涨机)
79	东营广大金科机器人有限公司	加热炉及自动化设备
80	浙江鹤立智能机械有限公司	框架式智能伺服液压冲
81	浙江易锻精密机械有限公司	对称肘节式超精密引线框架专用压力机
82	广东瑞辉智能科技有限公司	3500T 三次元多工位机械手自动化生产线
83	江苏豪士敦机械设备有限公司	数控金属旋压机
84	杭州祥生砂光机械制造有限公司	激光、冲床下料去毛刺、倒角批量处理设备
85	南京蓝昊智能科技有限公司	智能柔性折弯中心
86	广东懒人自动化设备有限公司	成型攻牙复合机
87	苏州铨道研磨技术有限公司	自动抛纹机、自动去毛刺机
88	深圳市国润德智能装备有限公司	铸锻件、钣金件打磨机
89	万创（苏州）智能工业自动化有限公司	自动化去毛刺机
90	东莞市谊科数控科技有限公司	全电伺服折弯机
91	广东玛哈特智能装备有限公司	伺服液压高精度矫平机
92	广州纽蓝客智能科技有限公司	折弯、翻边中心系统
93	无锡沃尔得精密工业有限公司	油液冷却控温装置
94	苏州阿姆达精密机械有限公司	数控折弯机、纯电折弯机

D. Best Partner Award of MetalForm China

The MetalForm China and its accompanying events have been established since 2004, inviting top domestic and foreign enterprises to participate, give lectures, and visit benchmark companies in the industry, promoting industry progress.

In order to express our gratitude for the support of numerous exhibitors, lecture companies, companies allowing to visit, local associations, and local governments over the years, we continue to recognize the active participation of enterprises and organizations at the exhibition site, and thank them for their outstanding contributions to industry progress and communication! The list of winners for the 2024

"Best Partner Award" is as follows:

No.	Best Partner to MetalForm China
1	辛北尔康普(青岛)机器设备有限公司
2	拉斯科（北京）成形技术有限公司
3	山东圣德智能装备有限公司
4	FICEP S.P.A
5	隔而固（青岛）振动控制有限公司
6	威泰克科技（大连）有限公司
7	JNH PRESS CO.,LTD
8	瑞安市中凯自动化科技有限公司
9	KURIMOTO, LTD
10	惠州安固振动控制技术有限公司
11	广东瑞辉智能科技有限公司
12	浙江易锻精密机械有限公司
13	济南昊中自动化有限公司
14	宁波澳玛特高精冲压机床股份有限公司
15	昆山控达克精密机械有限公司
16	沃得精机（中国）有限公司
17	天津市天锻压力机有限公司
18	东莞市谊科数控科技有限公司
19	无锡沃尔得精密工业有限公司
20	深圳市国润德智能装备有限公司
21	广东博赛数控机床有限公司
22	杭州祥生砂光机械制造有限公司
23	万创（苏州）智能工业自动化有限公司
24	广东玛哈特智能科技有限公司
25	广州纽蓝客智能科技有限公司
26	广东懒人自动化设备有限公司
27	苏州铨道研磨技术有限公司
28	镐成永生有限公司
29	南京蓝昊智能科技有限公司
30	扬力集团股份有限公司

Congratulations to the award-winning enterprises and cooperative units mentioned above, wishing them continuous innovation and greater contributions to the development of the forging, stamping, and sheet metal manufacturing industries.

7. Next Preview

 中国锻压协会
Confederation of Chinese Metalforming Industry

 MetalForm China
中国国际金属成形展览会

中国国际金属成形展览会

探索行业发展新趋势

打造行业高质量产品实物展

全球权威、专业
锻造、冲压、钣金行业大聚会

Sepday九月节

 ChinaForge Fair 2025
第二十五届中国国际锻造展览会

 SheetMetal China 2025
第十九届中国国际冲压技术及设备展览会

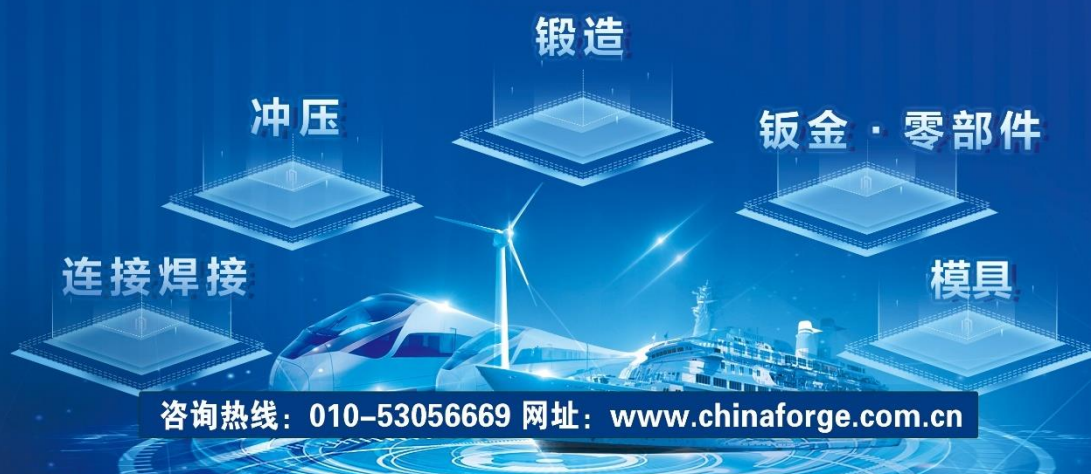
 MetalFab China 2025
第十九届中国国际钣金加工展览会

 MetalComp China 2025
第二十五届中国国际金属成形零部件博览会

 Die & Tool China 2025
第五届中国国际金属成形工模具展览会

 JointWeld China 2025
第五届中国国际连接焊接展览会

2025.6.17-6.20 | 国家会展中心（上海）



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