



2014.9.16-19 Beijing-China International Exhibiton Center New Venue

2014.2.25

Organizer:
Confederation of Chinese Metalforming Industry

Supporters:
China Society for Technology of Plasticity CMES
Metal Industries Research & Development Centre
UCIMU-SISTEMI PER PRODURRE
Japan Forming Machinery Association
Japan Metal Stamping Association
Japan Materials Process Technology Center
Japan Forging Association
Association of Indian Forging Industry
Taiwan Forging Association

Shanghai Metalforming Association
Wuxi Metalforming Association
Shenyang Forging Association
Chongqing Metalforming Association
Henan Foundry&Forging Association
Ruian Metalforming and Foundry Association
Anhui Machine Tool Association
Zhangqiu Forging, Casting and Heat Treatment association
China Council for the promotion of international trade
Ma'anshan Committee
Nantong Hydraulic Press Association in Jiangsu Province



2014年9月16-19日

中国国际展览中心新馆 (北京市顺义区裕翔路88号)
16-19 September 2014 China International Exhibition Center New Venue
(No.88,Yuxiang Road,Shunyi District,Beijing)



Professional, Authoritative, and One-stop Services Covering Whole Industry Chain

Machinery/Die & Tooling/Automation Technology/Materials/Metal Formed

Metal forming, as a basic industry, is only one of the small stages of the whole manufacturing chain. Thus, it is restricted by upstream raw materials industry and downstream main engine industry both. That means the only way for us to get higher industrial status, more additional values and broader living space is to keep improving on technology, equipments, process and management.
Different with the machine, tools and automation shows, which merely concentrate on exhibiting of machines, tools or automation equipments, MetalForm China exhibition covers the whole chain of metal forming industry. Visitors will find forging, stamping and fabricating equipments, die & tooling, accessory automation devices and auxiliary materials, raw materials, consumable, forging pieces, stamping pieces and sheet metal fabricating pieces on the exhibition. Moreover, there are industry-university-research cooperation projects displayed by many colleges and universities and scientific research institutions.
In brief, just in one exhibition, metal forming parts manufacturers and purchasers can find all the services they need.

Brand New Website! Brand New Functions!
A easy work for booth application and visitor pre-registration online, just log in www.china-metalform.com



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Reserve floor space

Visitor pre-registra-tion online



Wonderful current events

- Latest technology and products promotion press
- Qualified suppliers recommended
- Buyers forum for forging, stamping and fabricating parts
- "Shen Gong (Masterpiece)" metal formed parts awards
- On-site Promotion Meeting for Technology and Talents
- Evaluating IQ of metal forming machinery
- Bingo game for the visitors

Highlights

High-precision Parts and Its Forming Technology

The forgings, produced with multi-station automatic production and advanced cold, warm forging technology, such as: closed die forging, hollow shunt forming, multi-station cold, warm forging, are the products integrated with the functions of both moulds and equipments. Attention is paid on development of hard alloy tool and die technology, and reduction or elimination of phosphatization and saponification problems.

The representative exhibitors in this field are Jiangsu Pacific Precision Forging Co., Ltd., Dongfeng Forging Co. Ltd., and Jiangsu Sunway Precision Forging Co., Ltd., etc.



Fiber Laser Cutting Machine

The fiber laser cutting machine shoots high-energy density laser beams, and makes them gathering on the work piece surface. The area exposed under the super fine focus light spot will melt and gasify in a flash. Thus, the automatic cutting can be realized via moving the exposure position by NC mechanical system.

Compared with the huge gas laser and solid laser, fiber laser possesses obvious advantage. It has become an important alternative in high-precision laser processing, laser radar system, space technology and laser medicine, etc. Fiber laser cutting machine can be used both in flat cutting and bevel angle cutting. Once equipped with a mechanical arm, it is also competent in 3D cutting. By fiber laser cutting machine, we can get work pieces with trim and smooth edges. So it's suitable for high-precision cutting.



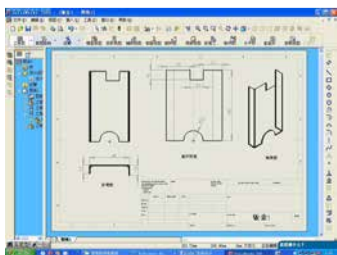
CNC Punch and Shearing Composites Machine

It is an integration of CNC punch and CNC angle shear. Punching, forming and shearing of sheet metal can be completed just in one process, so this composites machine is best for the sheet metal processing with bending process in its subsequent stage. Compared with adding single CNC punch and angle shear to processing lines, CNC punch and shearing composites machine, which shares one set of CNC system, hydraulic system and feeding manipulator in multistage process, is make for reducing the equipment investment, saving workshop space, and reducing failure rate. And it also can play the role of host in a punching-shearing composite flexible processing.



Punching Equipment Automation

It refers to the automation of series of operation processes, e.g. blank feeding and transferring, die changing, adjusting and operating of punching press, and the testing & alarm system in punching process. The application of these technologies in relevant stages of punching process line can realize the whole automation of punching process.



Information Software for Sheet Metal Forming

In view of the problems of sheet metal processing enterprises, such as: difficult to make production plan, disordered production, delivery delay, hard to estimate or check the costs, hard-to-assess efficiency of machine tools, etc., which are resulted in by those features of sheet metal processing enterprises, like their discrete type, make-to-order production, diversified materials and products in small batch, limited delivery time, etc. On Metalform China 2014, Trumpf and Amada, etc. will show the information software containing ERP module, MES module, production and processing module, by which series of activity can be fulfilled, e.g. visual management (that means the system integration of programming, production, machine tools and storage.), visual production plan arranging and real time monitoring of production progress, optimizing the typesetting, automatic accounting for costs, supervising the efficiency of each production centre, efficient stock management, dealing with PO and customer order, making offers, and payment, etc. That will saving much time and stock, raising fund utilization rate, visual tracking and coordinating customer orders, improving the rate of equipment utilization and effectively gathering experience.



Large Transfer Press

It is composed with un-stacker, large press, three coordinate work piece conveyer system and stacker station. Its production TAKT is 16-25 times/min.. Thus, high efficiency is the main feature of it, it's 4-5 times of manual transfer line, and 2-3 times of stand-alone link production line. Enterprises like Schuler, Fagor Arrasate S Coop., AP&T, Komatsu, Hefei Metalforming Machine Tool Co., Ltd., and Nantong Metalforming Equipment Co., Ltd., etc. will show this press on exhibition.



Hot Die Forging Press

It's one of the main die forging presses, and is suitable for making high-precision die forging products in large volume, especially in automobile and aviation industries. The current development trend is to carry out the automation of blank feeding, heating, die forging, trimming and finishing, etc. via applying of robot (robotic arm) or walking beam automatic transfer device. SMS, Jsc" Tjzhmekhpress", Komatsu, Kurimoto. Ltd., Sumitomo Heavy Industries, Ltd, Zhe Jiang Jing Yong Jing Duann Machinery Co., Ltd., Fukin Technologies Services (Beijing), China Erzhong Group Wanhang Die Forging Factory, Yangzhou Metalforming Machine Group Co., Ltd, etc. will show this machine and its relative facilities.



CNC Electric Screw Press

It's a screw press with accuracy control on blow energy, while its construction is relatively simple. The CNC electric screw presses are applied to precision die forging, upsetting, finishing, trimming, etc. in wide range. Schuler, Lasco, Enomoto Machine Co., Ltd., are overseas leaders in this field. For the past few years, Wuhan Newwish Technology Co., Ltd., Qingdao Yiyou Metalforming Machinery Co., Ltd., Qingdao Qingduan Metalforming Machinery Co., Ltd., Qingdao Hongda Metal Forming Machinery Co, Ltd., Hubei Fusheng Forging Machine Co. Ltd., etc. have launched J58K and J58 series electric screw press with different drive mode and core technology.

Sensing and Information Technology

Abundant sensing and information technologies guarantee the high production efficiency of modern factory. Moreover, plentiful sensors help to ensure workers and equipments safety, and smooth logistics, monitor product quality at any time, and eliminate the source of danger. While information technologies link the steps, like design, production, storage, sales, financial affairs and customers' stock, etc., so as to make enterprises operate in a more efficient way, and thus to reduce unnecessary waste.



Servo Press and High Speed Press

Servo press is the punching press with servo motor as power producer, and driven by servo control electrical system. It has many advantages, such as energy saving, process flexibility, and the diversity of processing materials and products. On the exhibition in this year, Aida, Jiangsu Yangli Group Co., Ltd., Schuler, Komatsu, Chinfong (China) Machine Industry Co., Ltd., Xie Yi Tech Machinery (China) Co., Ltd., Ningbo Cfg Machinery Industrial Co., Ltd., Guangdong Metal Forming Machine Works Co., Ltd., Zhejiang Kinglan Co., Ltd., etc. will release the servo presses for practical applications.



Robot

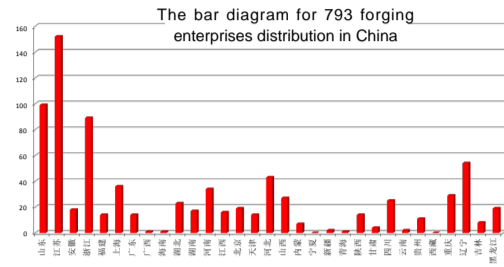
The robots produced by ABB, Kuka, Fanuc, NACHI, SIASUN, etc. are extensively used in welding, assembling, handling, unstacking, stacking, feeding/discharging and coating, etc.



Economic Operation Report of Forging Industry

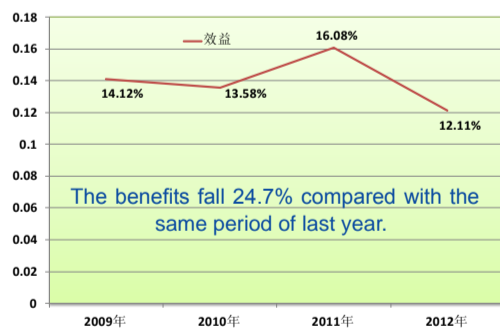
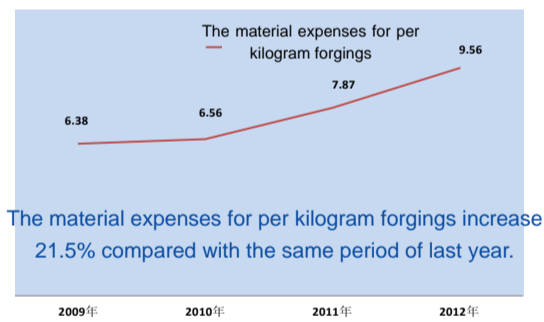
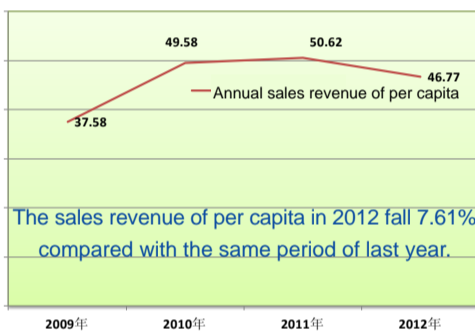
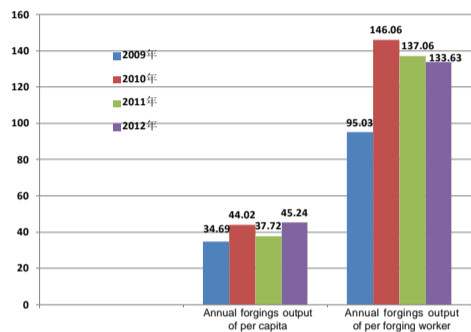
1. Status of Chinese Forging Industry

Member distribution in nationwide



2009-2012 Industrial Index Analysis

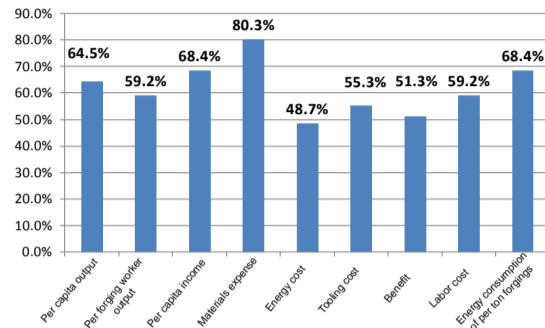
Die Forging



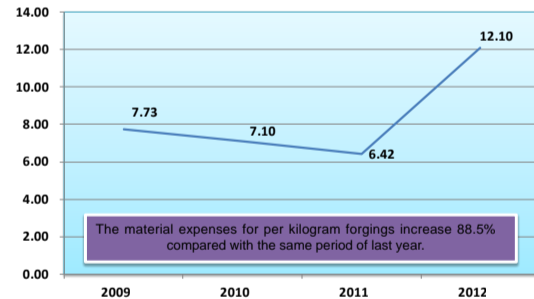
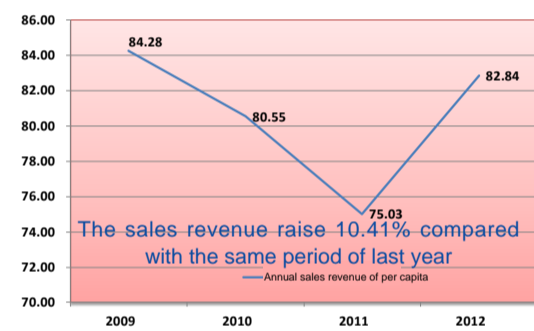
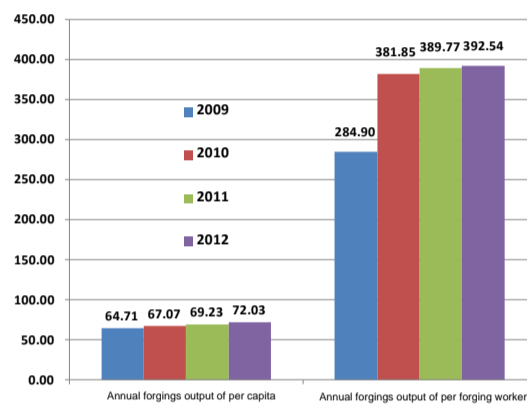
The Comparison of Best Index and Average Level in Die Forging Industry

Item	Unit	The Best Index	The Average Index	Comparison Ratio
Annual forgings output of per capita	tons/capita/year	218.88	45.24	483.82%
Annual forgings output of per forging worker	tons/forging worker/year	408.45	133.63	305.66%
Annual sales revenue of per capita	ten thousand yuan/capita/year	252.61	46.77	540.11%
The material expenses for per kilogram forgings	yuan/kg	2.9	9.56	30.33%
Energy cost	(%)	2.44%	7.71%	31.65%
Tooling cost	(%)	0.46%	2.82%	16.31%
Benefit	(%)	42.69%	12.11%	352.52%
Labor cost	(%)	3.21%	10.35%	31.01%
Energy consumption of per ton forgings	Ton of standard coal equivalent/ton	0.16	0.52	30.77%

The proportion of the die forging enterprises not reaching average index

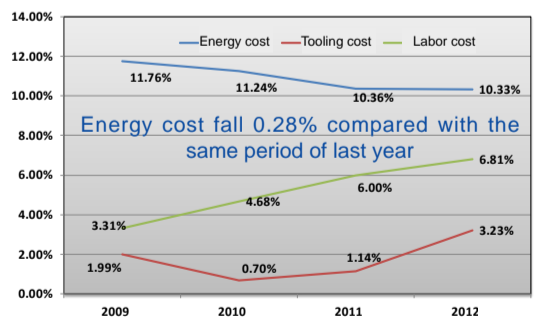


Open Die Forging

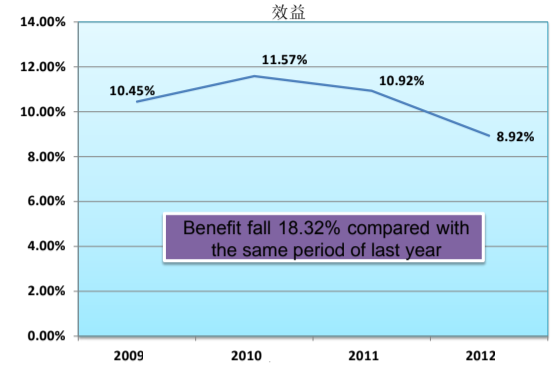
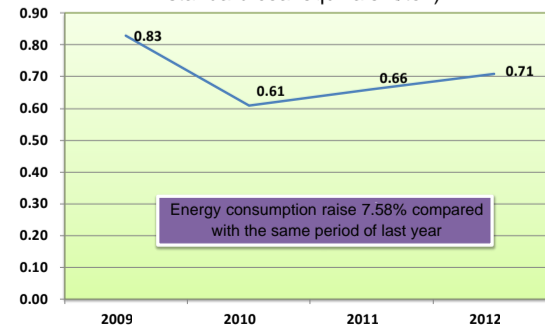


Labor cost raise 13.5% compared with the same period of last year

Tooling cost raise 183% compared with the same period of last year



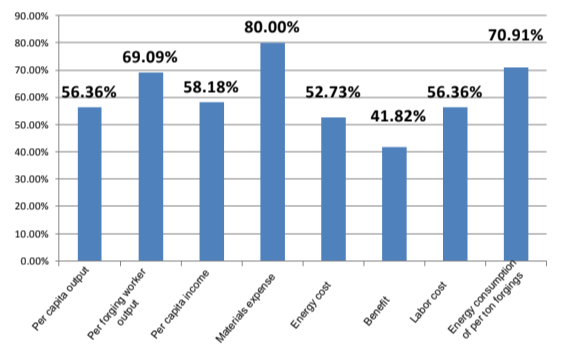
Energy Consumption of Forgings (Ton of standard coal equivalent/ton)



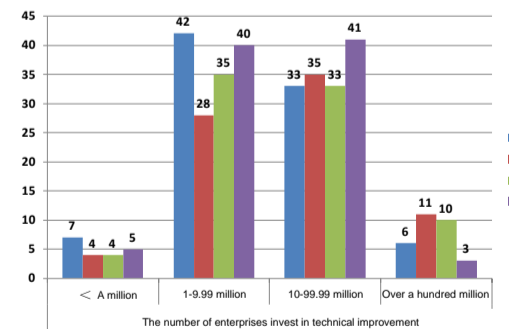
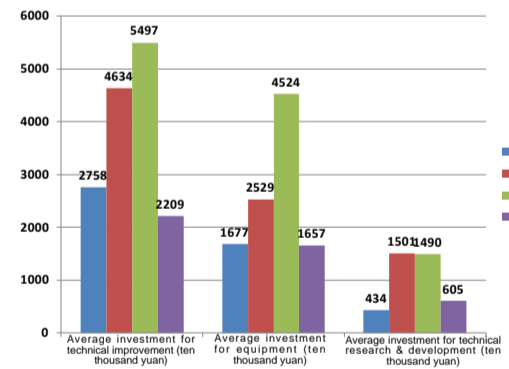
The Comparison of Best Index and Average Level in Open Die Forging Industry

Item	Unit	The Best Index	The Average Index	Comparison Ratio
Annual forgings output of per capita	tons/capita/year	200.00	72.03	277.66%
Annual forgings output of per forging worker	tons/forging worker/year	636.36	392.54	162.11%
Annual sales revenue of per capita	ten thousand yuan/capita/year	200.00	82.84	241.43%
The material expenses for per kilogram forgings	yuan/kg	4.57	12.1	37.77%
Energy cost	(%)	3.24%	10.33%	31.36%
Tooling cost	(%)	0.17%	3.23%	5.26%
Benefit	(%)	29.46%	8.92%	330.27%

The proportion of the die forging enterprises not reaching average index



Investment Analysis



From 2010 to 2011, the investment of enterprises is of great vigor. There are 13 enterprises invested over a hundred million in technical improvement in 2010, they take 17% of the total enterprises who made investment. Their investment is 3.39236 billion yuan. That is 78% of the gross investment in technical improvement in that year.

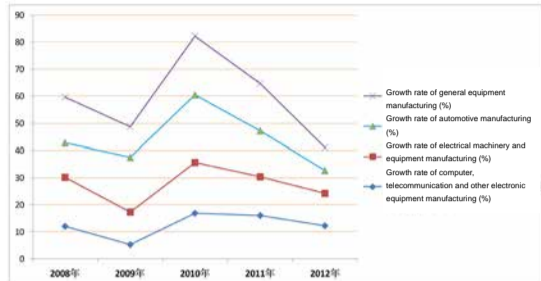
In 2011, there are 10 enterprises invested over a hundred million in technical improvement, and their investment amount is 3.428 billion yuan. That is 76% of the gross investment in technical improvement in 2011.

During 2012, the passion on investment sharply declined. The average investment amount of enterprises fall 60% compared with the same period of last year. Only two enterprises made investment in technical improvement. Their investment amount is 0.45 billion yuan. The gross investment of enterprises being investigated and their average investment amount both fell back under the level in 2009.

Report of Chinese Stamping & Fabricating Industry in 2013

1. National Macro Situation of Industry

Synchronous growth data of main industries in 2008-2012



2. Stamping and Fabricating Industry

- The enterprise quantity of this industry
It is estimated that there are more than 6,000 forging enterprises, over 40,000 stamping enterprises and more than 40,000 sheet metal fabricating enterprises in China.
- Extensive applications of products
Metal forming is a basic process in mechanical industry. Except for making various blanks or parts in different size and shape, the improvement on structure and performance of material can also be achieved through metal forming. Therefore, metal forming products are extensively used in aerospace, military, energy industry, vessel and car manufacturing, electronics, rail transit, construction machinery, metallurgy, telecommunication, petrochemical industry, light industry, building, bridge, etc. Thus, there is a close relationship between metal forming industry and strategic emerging industries.
- The six main development trends of automotive stamping industry.
 - High-strength steel forming (hot stamping process)
 - Research and development of servo press
 - Quick die changing technology
 - Hydraulic forming technology

- Digital simulation technology
 - Sheet metal forming characteristic research and application
- 4) Index of stamping industry

Items	Unit	2011	2012	Year on year growth rate
Annual sales revenue of per capita	Ten thousand yuan/capita/year	73.67	51.52	-30.07%
Materials expenses per kilogram	yuan/kg	11.26	5.21	-53.73%
Energy cost	(%)	2.22	4.86	118.92%
Tooling cost	(%)	5.24	4.79	-8.59%
Labor cost	(%)	4.68	8.73	86.54%
Benefit	(%)	20.37	6.58	-67.7%

7) Index of head industry

Items	Unit	2011	2012	Year on year growth rate
Annual output of per capita	tons/capita/year	---	66.37	---
Annual output of per worker	tons/worker/year	---	85.44	---
Annual sales revenue of per capita	Ten thousand yuan/capita/year	63.88	57.76	-9.58%
Materials expenses per kilogram	yuan/kg	8.38	8.42	0.48%
Energy cost	(%)	2.24	1.95	-12.95%
Tooling cost	(%)	6.01	6.19	3%
Labor cost	(%)	10.44	12.64	21.07%
Benefit	(%)	13.09	8.31	-36.25%

3. The Current Problems in Forging, Stamping and Fabricating Industry

- The great change and competitive expansion of forging, stamping and fabricating industry in the last decade have resulted in series of problems, including:
- Repeated input of low-end productivity, over saturation of traditional markets and oversupply of productivity lead to cutthroat competition;
 - Obvious regional concentrating of enterprises, the shortage of industry level regulation and policy guidance make it difficult to carry out industrial upgrading and layout optimization;
 - The cost pressures increasing mainly reflected in the raising of labor cost, material cost and R&D investment;
 - The price keeps sluggish. Due to fierce competition, orders have reduced, and the price war has emerged.

Author: Wu Shunda Liu Yongsheng Lab for Forging and Metalforming Industry(LFMI) of CCMi

Traffic Guide of MetalForm China 2014

By Bus:

- Visitors can take bus No.915, 916, 918, 923, 934, 955, 970, 980, 987 to Maliandian or Hualikan stop, and then walk to China International Exhibition Center New Venue.
- Start from Beijing Railway Station: take bus No.24 to Dongzhimen stop, and then change bus NO.915 to Maliandian stop
- Start from Beijing West Railway Station: take bus No.823 to Dongzhimen stop, and then change bus No.915 to Maliandian stop
- Start from Beijing South Railway Station: take bus No.106 (at the South Plaza of the railway station) to Dongzhimen stop, and then change bus No.915 to Maliandian stop
- Start from Beijing North Railway Station: walk to Yutaoyuan stop, take bus Express 104 to Lidu Hotel stop, and then change bus No.915 to Maliandian stop

By Subway:

- China International Exhibition Center New Venue is located in Shunyi, Beijing. Visitors can get there conveniently by subway from the urban district of Beijing.
- Transfer Tips: no matter at which stop you take the subway, it is necessary to come to the transfer station Wangjing West to take line 15. Then you can arrive at CIEC New Venue in about 10 minutes.
- Start from Beijing Railway Station: about 20 meters walking to subway line 2—change to line 13 (at Dongzhimen station)—change to line 15 (at Wangjing West)—get off the subway at China International Exhibition Center stop.
- Start from Beijing West Railway Station: take bus No.83 (at the North Plaza of the railway station) to Changchunjielukouxi stop—walk to subway line 2 (Changchunjie station)—change to line 13 (at Dongzhimen station)—change to line 15 (at Wangjing West)—get off the subway at China International Exhibition Center stop.
- Start from Beijing North Railway Station: about 20 meters walking to subway line 2 (Xizhimen station)—change to line 13 (at Dongzhimen station)—change to line 15 (at Wangjing West)—get off the subway at China International Exhibition Center stop.
- Start from Beijing South Railway Station: take subway line 4—change to line 2 (at Xuanwumen station)—change to line 13 (at Dongzhimen station)—change to line 15 (at Wangjing West)—get off the subway at China International Exhibition Center stop.
- Start from districts along Subway Line 10: any station on line 10—change to line 13 (at Shaoyaoju station)—change to line 15 (at Wangjing West)—get off the subway at China International Exhibition Center stop.
- Start from districts along Subway Line 13: any station on line 13—change to line 15 (at Wangjing West)—get off the subway at China International Exhibition Center stop.

Self-Driving:

- Via the routes below, self-driving visitors can arrive at the parking lot of CIEC New Venue or the airport industrial zone.
- Tangli Rd.—Dingsi Rd.—Airport North Line—Huosi Rd. (Tianbei Rd.)—CIEC New Venue parking lot
 - Jingcheng Expressway—Airport North Line—Huosi Rd. (Tianbei Rd.)—CIEC New Venue parking lot
 - Jingshun Rd.—Kuliushu—Shunping West Rd.—CIEC New Venue parking lot
 - Shunping Rd.—Kuliushu—Shunping West Rd.—CIEC New Venue parking lot(for visitors from Shunyi or Pinggu)
 - Jingmi Rd.—Kuliushu—Shunping West Rd.—CIEC New Venue parking lot(for visitors from Miyun or Huairou)



CCMI's Activities in 2014

Month	Name	Venue/The way	Res. Department	
Jan	Spring Festival Meeting-Leadership	Beijing	Affairs Department	
	The Second Meeting of The Seventh SBD	Post/E-voting	Affairs Department	
Feb	Employee Training (Rules and English)	Beijing	Affairs Department	
	CCMI-MEIC Meeting-Operating Manuel & Evaluating Specifications	Beijing	Exhibition Department Form Press, INC	
	Survey of Forging/Stamping/Fabricating	within Chinese territory	Lab for Forging and Metalforming Industry	
	Investigation of Technology in Forging/Stamping/Fabricating	within Chinese territory	Conference Department	
	Ring Forming Division Preparatory Meeting	Shandong	Administrative and International Department Shandong IRAETA Heavy Zhangqiu Forging, Foundry and Heattreatment Association	
	Credit Rating in Forging/Stamping/Fabricating Industry	within Chinese territory	Brain-storm Expert Service Center	
March	Developing and New Tech Releasing Meeting (MetalForm China Promoting Meeting)	Shandong Boxing	Exhibition Department	
	The Theory & Practical Tech Meeting-R&D/Education/Production	Beijing	Conference Department	
	Modern Metaforming Training Class-Forging Automation	Undetermined	Training Service Center CMVS(Ass)	
	Investigation of Forgemaster (Furnace and forging tech)	Within Chinese Territory	Lab for Forging and Metalforming Industry	
	Brain-Storm Expert Meeting-Stamping (topic undetermined)	Shiyan	Brain-storm Expert Service Center	
	April	Developing and New Tech Releasing Meeting (MetalForm China Promoting Meeting)	Qingxian / Cangzhou / Kunshan	Exhibition Department
Aeronautical Materials Forming Technology Conference' 2014		Chengdu	Conference Department Aeronautical Materials Forming Group	
Aeronautical Materials Forming Meeting' 2014				
Compiling Level Standards for Forging Industry		Beijing	Lab for Forging and Metalforming Industry	
Stamping Summit-Drawing and Deep Drawing		Undetermined	Conference Department	
Modern Metaforming Training Class-High-speed Stamping		Suzhou	Training Service Center CMVS(Ass)	
Typical Forge Tech Meeting-Con-rods		Undetermined	Form Press, INC	
7th AutoStamping China Meeting-Advanced Tech. and Tooling Summit		Undetermined	Form Press, INC	
Forging Simulation Meeting-Simulation Salon		Beijing	Administrative and International Department Conference Department	
Meeting on Computer, Information and Simulation Tech. In Forging Industry-CAD/CAE/CAM/ERP				
May	Developing and New Tech Releasing Meeting (MetalForm China Promoting Meeting)	Tianjin	Exhibition Department	
	LAMIERA' 2014 in Italy	Italy	Exhibition Department	
	OpenForge Meeting'2014-Domestic	Baotou	Conference Department	
	Modern Metaforming Training Class-Cold-warm Forging Tech. No.1	Undetermined	Training Service Center CMVS(Ass)	
	Tooling Club Meeting-Forging Die Welding Tech.	Chongqing	Administrative and International Department Conference Department	
	PIQ-Evaluating Start	Within Chinese Territory	Exhibition Department Form Press, INC	
	HeavyForge Council Meeting	Baotou	Lab for Forging and Metalforming Industry	
	MetalForm Mexico 2014	Mexico	Conference Department	
	Fab Summit-Fab processing Tech.	Suzhou	Form Press, INC	
	Ring Forming Meeting' 2014	Undetermined	Preparatory Group Administrative and International Department	
	17th National Secretary General Meeting	Shandong	Zhangqiu Forging, Foundry and Heattreatment Association Affairs Department	
	June	High Speed Stamping Technology Conference '2014(Electric motor)	Taiyuan	Conference Department Administrative and International Department(ASS)
		High Speed Stamping Meeting' 2014		
		IFC2014	Germany	Conference Department
New Developments in Sheet Metal Forming and Hydroforming		Germany	Affairs Department Conference Department(ASS)	
Financial Meeting in Forging Industry		Undetermined	Conference Department	
July	Container Head Forming Technology Conference'2014	Chengdu	Conference Department Form Press, INC	
	Container Head Meeting' 2014		Administrative and International Department(ASS)	
	Brain-Storm Expert Meeting-Fabricating(Sheet Rolling)	Changchun	Brain-storm Expert Service Center	
	Fine Blanking Technology Conference' 2014 (the 7th)	Undetermined	Conference Department	
	Fine Blanking Meeting' 2014			
	Supply-Production-Application Meeting	Beijing	China Forge and Metalform Net	
	Modern Metaforming Training Class-Automotive Stamping Tech	Undetermined	Training Service Center CMVS(Ass)	
The Third Meeting of The Seventh SBD	Post/E-voting	Affairs Department		

Aug	Press for MetalForm China 2014	Beijing	Exhibition Department
	Bechmarking Delegates to North Korea(or Vietnam or Thailand)	The related Country	Administrative and International Department
	Modern Metaforming Training Class-Cold-warm Forging Tech. No.2	Undetermined	Training Service Center CMVS(Ass)
Sep	ChinaForge Fair Conference(Forging Directors Meeting' 2014)	Beijing	Conference Department; Administrative and International Department(ASS);
	MetalForm Conference(Stamping Directors Meeting' 2014)		
	Sheet-metal Forming Meeting'2014		
	MetalForm Conference(Fabricating Directors Meeting'2014)		
	Metal Fabrication Meeting '2014		
	MetalForm China Compliment with: -Latest Technology and Products Promotion Press -Qualified Suppliers Recommended -Buyers Forum for Forging, Stamping and Fabricating Parts -"Shen Gong(Masterpiece)" Metal Formed Parts Awards -On-site Promotion Meeting for Technology and Talents	Beijing	Exhibition Department
	IFM2015(19Th)	Japan	Conference Department
	Meeting for Level Standards for Forging Industry	Beijing	Lab for Forging and Metalforming Industry
	Engine con-Rod Meeting' 2014	Undetermined	Engine Con-rod Division Administrative and International Department(ASS)
	Oct	SENAFOR 2014, Brazil	Brazil
Railway and Locomotive Forging Tech. Conference' 2013			Conference Department Railway and Locomotive Forging Division Administrative and International Department(ASS)
Railway and Locomotive Forging Meeting' 2013			
ICOSPA' 2014		France	Conference Department
Forging Simulation Meeting-Simulation Salon		Undetermined	Administrative and International Department
Brain-Storm Expert Meeting-Forging(Waste Heat and Control Cooling)		Changchun	Brain-storm Expert Service Center
Management Salon-Financial Issue		Undetermined	Training Service Center CMVS(Ass)
Nov	Stamping & Fabricating Summit-Elevator	Undetermined	Conference Department
	Euroblech 2014	Germany	Exhibition Department
	AFM 2014	Taiwan	Conference Department
	Stamping Summit-Hydroforming	Undetermined	Conference Department
	Forging Tool and Lub China Meeting	Undetermined	Conference Department
	Modern Metaforming Training Class-Open-die Forging and heattreatment	Undetermined	Training Service Center CMVS(Ass)
	4th ForgeEquip China Meeting	Undetermined	Form Press, INC
Dec	Employee Training (Rules and English)	Beijing	Affairs Department
	Stamping Summit-Hot Stamping	Baoding	Conference Department
	ForgeHeat Treatment Conference-Closed-Die	Undetermined	Conference Department

Notes:(1) The date, venue and topics will be changed based the demand from our industry. Of course, we also keep the right to delivery a new activities. Please visit website (www.chinaforge.org.cn) frequently. (2) ASS=Assisting! CMVS-China Mechanical Vocational School.

Authoritative Reference Book of Metal Forming Industry



FORGINGS, SHEET, TUBE & SECTION METAL PARTS CHINA BUYERS GUIDE

Content: over 1500 pieces information of enterprises that manufacturing forgings, sheets, tubes and section metal parts, etc. It covers the enterprises in 24 provinces, cities, and regions of China. In this edition, the information of important enterprises will include: enterprise productivity, enterprise scale, product specifications, and applicable industries, contact message, etc. Target Readers: government sectors, domestic and international companies, OEM enterprises, and forging, sheets, tubes and section metal parts purchasers, etc.

METALFORMING MACHINERY & TECHNOLOGY WORLD BUYERS GUIDE

Content: over 1000 pieces information of enterprises that manufacturing forming machinery, die & mould, and materials. It covers the enterprises from 24 provinces, cities, and regions of China, and 16 countries over the world. These contents are classified according to industry category: forging, stamping & fabricating. Target Readers: purchasers of enterprises that manufacturing forgings, stampings, sheet metal parts, tubes, and other metal parts, the OEM enterprises, government sectors, and domestic & international companies, etc. All the enterprise members of CCMI are included.

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