



汽车制造国际系列会议
Automotive Manufacturing Conferences

5G meets Automotive Manufacturing

Future Car Body Engineering Conferences & AMTS 2020 Mini Exhibition

Conferences | Mini Exhibition | Guided Tour | Virtual Events

Future Car Body Engineering 2020

2-4 September 2020 Shanghai, China

4 Segments –Stamping, Welding & Joining, Painting, Assembly

60+ Exhibitors

75+ System Integrators

90+ Tier 1 & 2 Suppliers

800+ OEMs

3 Guided Tour

∞ Business Opportunities

*AMC is a core conference brand of Reed Exhibitions Hengjin. Focusing on technical exchanges and business match-making for industries including powertrain engineering, new energy vehicles, car body manufacturing, vehicle assembly, and core auto parts manufacturing, the conference aims to promote the application of innovative ideas such as system integration and intelligent manufacturing in automotive manufacturing industry.

Reed Exhibitions® Hengjin
励进展览(上海)有限公司

86-21-64681300 | info@reedhengjin.com



Welcome to “the next generation of automotive manufacturing” 5G meets Automotive Manufacturing

When 5G meets automotive manufacturing, what is the future car body shop like? Realizing highest requirements in a flexible, networked production would start “the next generation of automotive manufacturing”.

The automotive industry is in the midst of a transformation. Automobile manufacturers are occupying themselves with finding solutions for alternative powertrains, new concepts and suitable energy storage systems. What are the corresponding car body concepts like? How important is lightweight design? Which materials are used in the car bodies and how can sophisticated designs be achieved?

Future Car Body Engineering Conferences and AMTS 2020 Mini Exhibition offer you the opportunity to learn:

Multi material mix (sheet, profile and diecast aluminium, steel, composites)

Car Body Shop of the future

Efficient joining processes in multi-material mix

Smart factory, digitization

Lightweight technologies

Who Will Attend

- Materials Suppliers
- Automobile Manufacturers
- Technology Companies
- System Integrators
- Research and Development Institutions

Conferences Structure

2 September, 2020 Main Forum		
Future Car Body 2020		
2-3 September, 2020 Sub-Sessions		
Car Body Stamping, Welding & Joining Engineering 2020	Car Body Painting 2020	Automotive Assembly Engineering 2020
4 September, 2020 Guided Tour		
Guided Tour	SIEMENS (Shanghai) Aliyun (Hangzhou) Lighthouse factory - MAXUS (Nanjing)	
2-3 September, 2020 Mini Exhibitions Virtual Events		
Virtual Events	MINO SIEMENS COMAU	
Mini Exhibitions	60 Exhibitors	

Agenda

Day 1 | 2 September, 2020 General Forum

5G meets Automotive Manufacturing

Car Body Shop of Tomorrow	
8:00-9:00	Registration
9:00-9:05	Welcome and Introduction
9:05-9:35	How to Start the "5G+" Manufacturing Era under the "New Infrastructure"?
9:35-10:05	Smart Body Shop - Potentials of IoT Applications in Car Body Engineering and Production
10:05-10:35	5G meets Automotive Manufacturing
10:35-10:55	Coffee Break & Meet the Exhibitors
10:55-11:25	Laser Welding and Intelligent Welding Line Technology for BIW
11:25-11:55	Sharing of IoT Applications in Automotive Manufacturing Factory
11:55-12:25	Panel Discussion: The Cloud Workshop
12:25-13:25	Lunch Break & Meet the Exhibitors

• Car Body Stamping, Welding & Joining 2020

DAY 1 | 2 September, 2020

Car Body Stamping, Welding & Joining Shop of Tomorrow	
8:00-13:25	Registration
13:25-13:30	Welcome and Introduction
13:30-14:00	Let the Production Line Go Live
14:00-14:30	The Welding Engineering Moves from Automation to Intelligence
14:30-15:00	The Planning of Welding Line and the Application of Innovative Product
15:00-15:30	Coffee Break & Meet the Exhibitors
15:30-16:00	ZEISS Versatile Measuring Technology Help You to Manufacture Perfectly "Qualified" Cars
16:00-16:30	Intelligent Maintenance in Stamping and Welding Engineering
16:30-17:00	Advantages and Cost Control of Advanced Servo Stamping Line
17:00-17:30	Panel Discussion: Application of Digital Technology in Car Body
18:00-20:00	Business Dinner

DAY 2 | 3 September, 2020

Efficient Joining Processes in Multi-material Mix	
9:00-9:30	Joining Technology of Lightweight Car Body
9:30-10:00	Laser Technology Makes Lightweight Efficient
10:00-10:30	Coffee Break & Meet the Exhibitors
10:30-11:00	Screw Joining Technology Application in Multi-material Mix
11:00-11:30	Application of SEW-Eurodrive Servo Electric Cylinder in Servo Welding Gun for Automotive Industry
11:30-12:00	Panel Discussion: The Challenge for the Joining Process in Multi-material Mix of Electric Vehicles
12:00-13:30	Lunch Break & Meet the Exhibitors
Intelligence Stamping Engineering	
13:30-14:00	Digitalization Upgrade of Flexible Stamping Line
14:00-14:30	High Speed, Flexible Stamping Automation Technology and Automatic End-of-line Packing
14:30-15:00	Research on the Formability of Hot Stamping Laser Tailor-welded Parts
15:00-15:30	Coffee Break & Meet the Exhibitors
15:30-16:00	Application of Intelligent Handling Technology in Stamping Workshop
16:00-16:30	Introduction about Press Hardening Technology and Application on Car Body
16:30-17:00	Different Thickness Steel Sheet instead of Thermal Forming Parts to Help Stamping Flexible Production
17:00-17:30	Panel Discussion: Data, AI & Digital Innovation

• Car Body Painting 2020

DAY 1 | 2 September, 2020

Paint Shop of Tomorrow	
8:00-13:25	Registration
13:25-13:30	Welcome and Introduction
13:30-14:00	Lean Production and Management in Paint Shop
14:00-14:30	IoT Application in Paint Shop
14:30-15:00	Intelligent Solution of Car Body Painting and Coating Adhesive
15:00-15:30	Coffee Break & Meet the Exhibitors
15:30-16:00	Robot Vehicle Interior Painting Application
16:00-16:30	Influence on the Development of Coating Technology for Coating Equipment
16:30-17:00	Recycling of Painting Solid Waste
17:00-17:30	Panel Discussion: Maintenance and Management of Equipment in Paint Shop
18:00-20:00	Business Dinner

DAY 2 | 3 September, 2020

Painting Process, Color Management and New Technology Application	
9:00-9:30	Life-Cycle Management on Coating Equipment
9:30-10:00	Module Production in Paint Shop
10:00-10:30	Coffee Break & Meet the Exhibitors
10:30-11:00	Application of Multi-color Coating Technology
11:00-11:30	Pretreatment Process on Aluminum Body
11:30-12:00	Panel Discussion: Intelligence Painting Engineering
12:00-13:30	Visit Mini Exhibition & Lunch
Green Painting Engineering	
13:30-14:00	Painting Technology on Carbon Fiber Body
14:00-14:30	Application of Automatic Polishing Technology in Paint Shop
14:30-15:00	Color Control and Management of Car Body
15:00-15:30	Coffee Break & Meet the Exhibitors
15:30-16:00	Waste Gas Treatment Technology in Paint Shop
16:00-16:30	5G Application in Paint Shop
16:30-17:00	Panel Discussion: How to Improve the Quality of Painting?

• Automotive Assembly Engineering 2020

DAY 1 | 2 September, 2020

Assembly Shop of Tomorrow	
8:00-13:25	Registration
13:25-13:30	Welcome and Introduction
13:30-14:00	The Handling System of SIEMENS
14:00-14:30	Digital Intelligent Assembly Factory of SIEMENS
14:30-15:00	5G Meets Automobile Assembly Shop
15:00-15:30	Coffee Break & Meet the Exhibitors
15:30-16:00	Digital Assembly Factory Planning and Implement
16:00-16:30	SEW Maxolution System Solution in Final Assembly Shop & Mobile Conveyor Technical Trends
16:30-17:00	Application of Information Technology in Automobile Assembly Shop
17:00-17:30	Panel Discussion:How the Assembly Plant Adjust the Supply Chain after the COVID-19?
18:00-20:00	Business Dinner

DAY 2 | 3 September, 2020

New Technology in Assembly Process	
9:00-9:30	Predictive Maintenance of the Assembly Equipment Based on Big Data Analysis
9:30-10:00	How to Realize Completely Traceability for Tightening Data in Final Assembly
10:00-10:30	Coffee Break & Meet the Exhibitors
10:30-11:00	Error Proofing and Automation of Auto Parts Assembly
11:00-11:30	AGV Handling Technology in Automobile Intelligent Assembly
11:30-12:00	Panel Discussion
12:00-13:30	Visit Mini Exhibition & Lunch
EV Assembly Engineering	
13:30-14:00	Mixed-line Flexible Production of Fuel, Battery Electric and Hybrid Vehicles
14:00-14:30	Assembly Technology in New Energy Vehicles
14:30-15:00	Detection and Prevention of Vehicle Gap
15:00-15:30	Coffee Break & Meet the Exhibitors
15:30-16:00	The Assembly Process of Comparisons between New Energy Vehicles and Fuel Vehicles
16:00-16:30	Application of ADAS & Digitalization Factory in Assembly Process
16:30-17:00	Panel Discussion

New

Guided Tour & Mini Exhibitions!

Whether you are dealing with stamping, welding, painting or assembly of car body: you will meet all the experts in one place. The platform for you to create unique opportunities and grow your business.

4 September, 2020 Guided Tour

Guided Tour
SIEMENS (Shanghai) | Aliyun (Hangzhou)|
Lighthouse factory - MAXUS (Nanjing)

2-3 September, 2020 Mini Exhibitions | Virtual Events

Virtual Events MINO | SIEMENS | COMAU
Mini Exhibitions 60 Exhibitors



Standard Booth



Upgrade Booth

Standard Booth: RMB 30,000

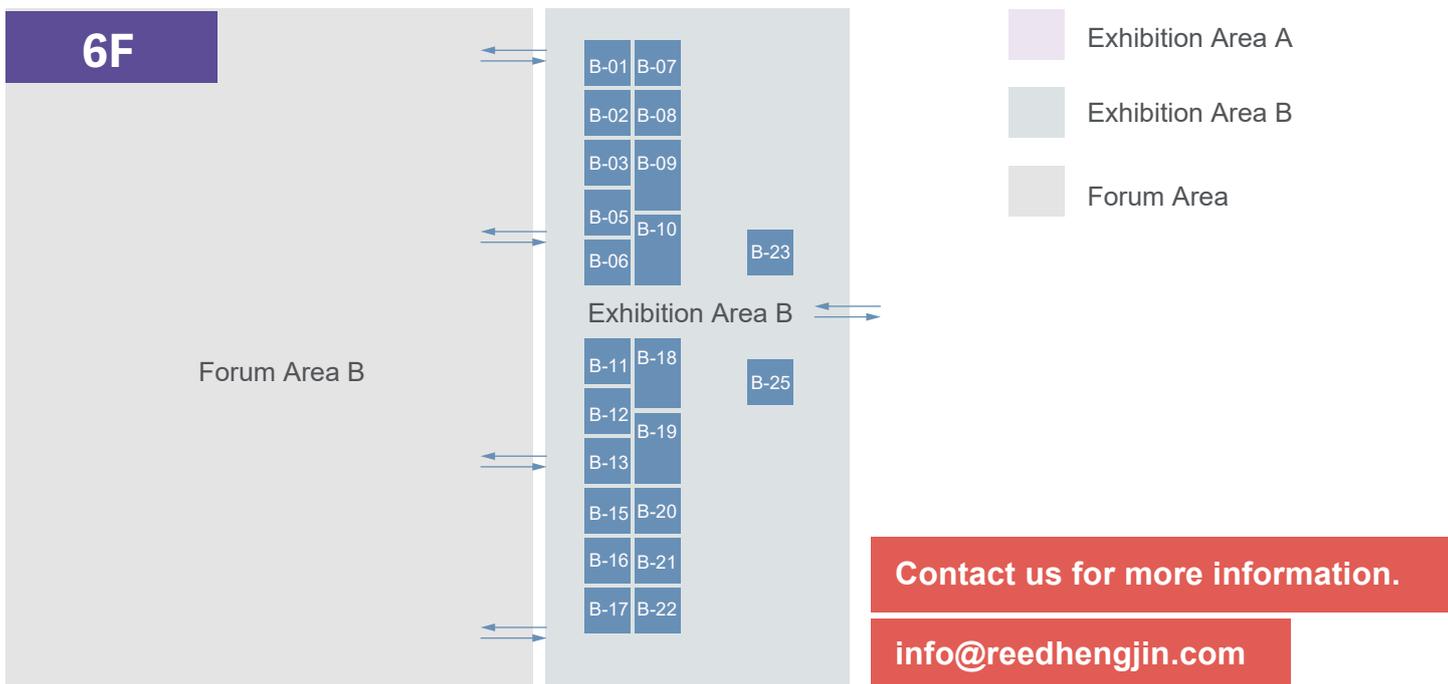
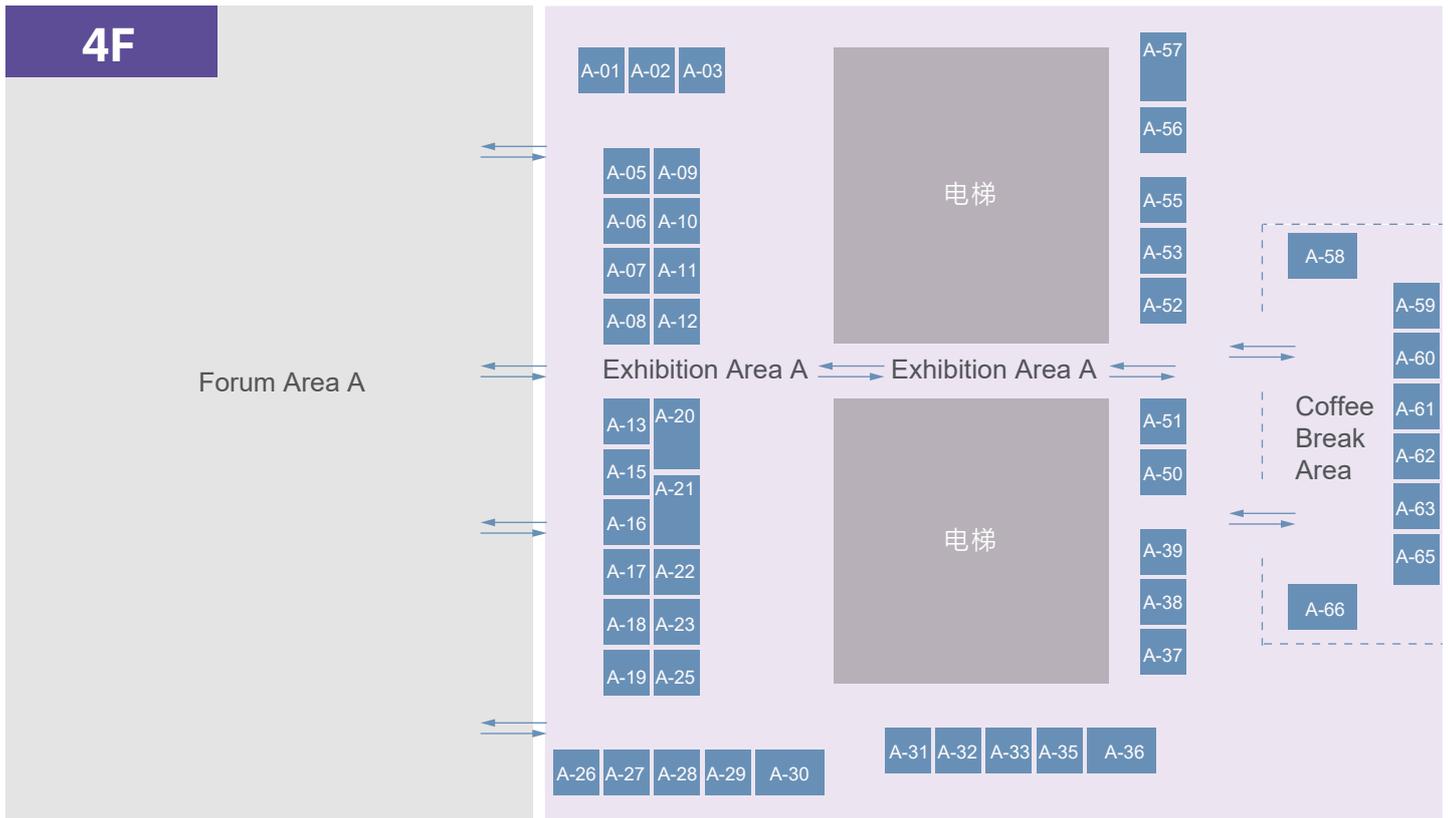
Upgrade Booth: RMB 35,800

What is included in our exhibition packages?

4 sqm booth space and equipment packages.
2 conferences tickets.

Future Car Body Engineering & Smart Factory Conferences & Mini Exhibitions

Floor Plan



Previous Speakers (Partial list)



Application of Digital Technology on BIW Process Development

Tieli Ma, Minister, Body in White Technology Department, BAIC motor CORPORATION LTD.



Laser Welding Technology for Aluminum Body Parts

Xiang Wang, General Manager, High Power Welding Equipment Sales Headquarters, Han's Laser Smart Equipment Group Co., Ltd.



Modular Production Systems and Adaptive Material Flow

Jacky Chen, General Manager, KUKA Systems (China) Co., Ltd.



Process Planning Based on Aluminum Alloy Body

Lucas Zhang, Technical Manager, Department of Welding Technology, JIANGHUAI Automobile Co., Ltd.



Cranes for Automotive Stamping Workshop - GH Technology and GH Intelligent Cranes

Ander Etxebarria, GM, GH (Shanghai) Lifting Equipment Co., Ltd.



Trend of Automotive Stamping Intelligent Manufacturing

Ning Huang, Vice General Manager, Sales Dept., JIER MACHINE-TOOL GROUP CO., LTD.



Challenges in Aluminum & High Strength Steel Stamping Engineering

Yang Hu, Senior Director, Stamping Dept., Bordrin Motors



Base on Stamping Technique input to Styling and R&D before BIW Design

Wenjuan Tan, Senior technology Manager, Stamping Engineering Department, Zhejiang Geely Automobile Industry Co., Ltd.



Intelligent Manufacturing in Stamping

Jackie Li, Project Manager, Automation Technology Dept., Great Wall Motor Co., Ltd.



No Anxiety Retooling Comau Flex Solution

Steven Ding, BU Head of Body Assembly, Comau (Shanghai)



SEW-Eurodrive Electric Cylinder for Welding Gun Application

Petr Osipov, Product manager, MMA-O SE, SEW-EURODRIVE GmbH & Co KG



Manufacturing Process of ASF and Aluminium Sub Assembly Parts

Jute Zhu, Minister, ME & Planning, HTYT LIGHT ALLOY



Process Control - 3D Inline Inspection

Jack Jiao, Director, Sales & Marketing, Coherix Inc.



Collaborative Manufacturing in Welding

Po Han, Project Manager, Automation Technology Dept., Great Wall Motor Co., Ltd.



Energy Planning for Paint Shop

Tiger He, General Manager, Suzhou Kelan Environment Technology Co., Ltd.



Application of the Industrial Robot Network Technology in Paint Shop. It's Barrier in Real Practice and Solving Method.

Masud Rana, Process Specialist, Production Planning, Beijing-Benz Automotive Co., Ltd.



Intelligent Application of Automotive Painting Industry

Tao Lin, Vice Director, Painting Engineering Division, China Automobile Industry Engineering Corporation Co., Ltd.



Non-overspray Technology for Two Tone Application

Carrie Zou, Global Paint Product Manager, Global Product Management, ABB Engineering (Shanghai) Co., Ltd.



Paint Shop VOC

Chenglin Hu, Director, Equipment Engineering Dept., MMI PLANNING & ENGINEERING INSTITUTE IX CO., LTD.



SEW Maxolution System Solution in Final Assembly Shop & Mobile Conveyor Technical Trends

Xiaobing Zhang, Tasc Technical manager SEW-EURODRIVE (Tianjin) CO., LTD.



The Mobile Robot Expert for Smart Factories

XiaoHe Dai, Co-founder and R&D General Manager Shanghai Seer Robotics Technology Co., Ltd.



Intelligence Assembly Production Line Planning

Changhua Hu, DFM/DFTC Chief Engineer, DongFeng Motor Corporation



Intelligent Equipment Speed up the Transformation of the Assembly Shop

Tony Huang, Manufacturing Department President China Automobile Industry Engineering Corporation



The Challenges and Solutions of New Environmental Regulation

Xing Fang, Vehicle Diagnostic Manager Manufacturing Engineering Department SAIC Motor Corporation Limited Passenger Vehicle CO., LTD.

Early Bird!

Before 16 June, 2020

Enjoy early bird price at **RMB 3,500 for one session.**

Standard Price: RMB 3,800/person (one session)

Register now! Enjoy **RMB 5,500 for all sessions.**

Standard Price: RMB 5,800/person (all sessions)

Who you will meet



What leading experts think about the Future Car Body 2019



Future Car Body 2019 presented us the most advanced technologies of the car body engineering. Hundreds of experts here to discuss the cutting-edge, innovative technologies as well as the current and future development trends. I was very happy here to see this. I would like to see more future trends discussion here like 5G technology & intelligent manufacturing.

**Jacky Chen, General Manager,
KUKA Systems (China) Co., Ltd.**



Future Car Body 2019 is a great platform to learn up-to-date automotive manufacturing technologies and discuss with subject matter expert about trends and visions. It is an organization, in which you can build your network with professional people and grow your technical expertise. I will be here again next year!

**Tao Yu, Vice GM, Painting Dept.,
Dongfeng Design Institute Co., Ltd**

Multi-Promotion packages boost your brand awareness

A - Speech Sponsorship - 100,000 - Main Forum

- Logo on related conferences promotion materials, including website, backdrop board, and etc.
- Company intro. in the conference brochure
- 1 exclusive speech slot in the Main Forum (30 minutes)
- Discussion opportunity in panel discussion (30 minutes)
- 4 free passes
- 1 KT board display at conference site
- One-to-one match-making opportunity

B - Hosted Day Sponsorship - 80,000

- Logo on related conferences promotion materials, including website, backdrop board, and etc.
- Naming rights of half-day session and host opportunities
- 1 speech slot in the Main Forum (30 minutes)
- Discussion opportunity in panel discussion (30 minutes)
- 2 free passes
- 1 KT board display at conference site

C - Speech Sponsorship - 60,000

- Logo on related conferences promotion materials, including website, backdrop board, and etc.
- 1 speech slot in the Main Forum (30 minutes)
- 4 free passes
- Company flyer in the conference bags distributed to delegates
- One-to-one match-making opportunity

D - Conference Supplies Sponsorship - 30,000

The suppliers shall be provided by the sponsors.

Pens | Bags | Notebooks

- Logo on related conferences promotion materials, including website, backdrop board, and etc.
- 1 free pass

E - Conferences Badge Sponsorship - 30,000

- Logo on related conferences promotion materials, including website, backdrop board, and etc.
- 1 4C ad on the conference badge back
- 1 free pass

2 Positions

F - Conferences Bags Sponsorship - 25,000

The bags shall be provided by the sponsors.

- Logo on related conferences promotion materials, including website, backdrop board, and etc.
- 1 free pass
- Conference bags distributed to delegates

G - Materials Distribution Sponsorship - 30,000

- Logo on related conferences promotion materials, including website, backdrop board, and etc.
- Company flyer/brochure distributed to delegates
- 1 free pass

H - KT board ad Sponsorship - 25,000

- Logo on related conferences promotion materials, including website, backdrop board, and etc.
- 1 KT board ad displayed at the conference site
- 1 free pass

I - Video Sponsorship - 30,000

- Logo on related conferences promotion materials, including website, backdrop board, and etc.
- Video played during the break time (less than 3 mins)
- 1 free pass

J - Lucky draw Sponsorship - 20,000

The prize shall be provided by the sponsors.

- Logo on related conferences promotion materials, including website, backdrop board, and etc.
- 1 free pass
- 5 mins introduction of your company during the lucky draw time

All the free passes for sponsors would enjoy all sessions.

Contact us for more information!

info@reedhengjin.com

Previous Sponsors



Contact us

Reed Exhibitions Hengjin (Shanghai) Co., Ltd.
86-21-64681300
info@reedhengjin.com