Surface Precision Machining Exhibition
SurfacePME

Co-located with
GrindingExpo
PRECISION GRINDING EXHIBITION

Surface Precision Machining Exhibition

Surface PME 2027

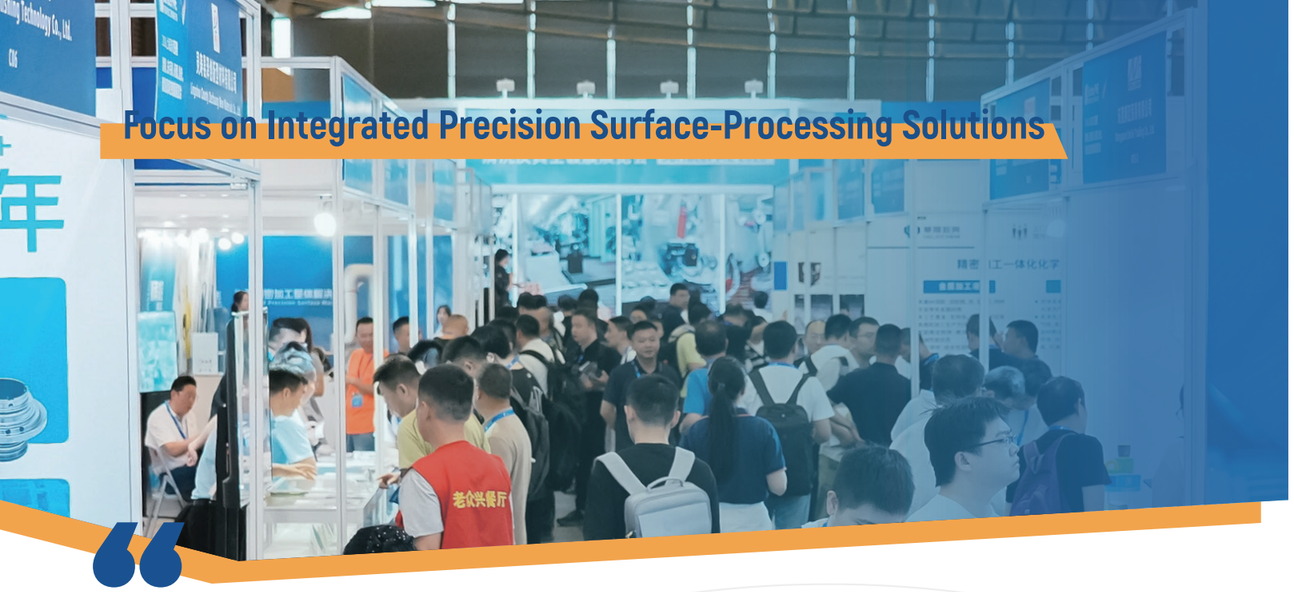
Deburring, Polishing, Cleaning and Vacuum Coating Technology



Aug.11-13,2027
SNIEC (E2),Shanghai,China

Organizer
CSH EVENTS

Follow us



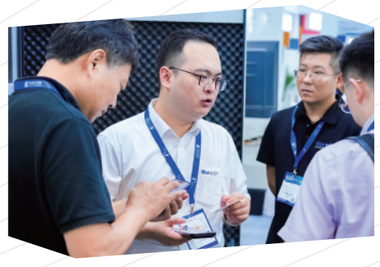
Focus on Integrated Precision Surface-Processing Solutions

As high-end manufacturing accelerates toward higher reliability, consistency and cleanliness, **the surface quality of components is shifting from a traditional back-end finishing step to a key metric affecting product performance, yield and service life.** Sectors such as new-energy vehicles, semiconductor equipment, data-center liquid cooling systems, aerospace, medical devices, embodied intelligence, low-altitude manufacturing and precision molds are placing higher demands on deburring, grinding, polishing, cleaning and cleanliness control, and vacuum coating – making it essential for high-end manufacturers to have an integrated surface-processing solution spanning materials, processes, equipment, inspection and automation.

SurfacePME – the Shanghai International Deburring, Grinding & Polishing, Cleaning and Vacuum Coating Exhibition (Precision Surface Processing Expo) – was founded in 2019. It has consistently focused on improving component surface quality and enabling surface functionality, bringing together the new technologies, equipment and solutions needed for production-efficiency optimization, clean-manufacturing upgrades and the evolution of key surface processes.







2027 Show Scale

25,000+ Exhibition Area

10,000+ Visitors

300+ Exhibitors

*Figures include the Co-located with GrindingExpo exhibition.

Exhibit Scope

Deburring, Polishing, Cleaning & Vacuum Coating Technology



Deburring, Grinding and Polishing Technology

For surface quality of complex components, internal bore and cross-hole finishing, edge treatment, and consistency enhancement.

- Mechanical Deburring and Polishing
- Chemical Deburring and Polishing
- Grinding and Finishing Deburring and Polishing
- Abrasive Flow Deburring and Polishing
- Spray Deburring and Polishing
- Chamfering Technology
- Brushing Technology
- Accessories and Consumables, etc.



Robotic Deburring, Grinding & Polishing Technologies

Robotics & Embodied AI Automation for Flexible Manufacturing, Labor Substitution, and Complex Curved Surfaces.

- Industrial Robots
- Collaborative Robots
- System Integration
- Force Control Tools
- Software & AI
- Tools / Consumables, etc.



Industrial Cleaning Technology (Cleanliness Control)

Covering the complete chain from cleaning equipment and media to drying, cleanliness inspection, and contamination control, serving high-cleanliness manufacturing scenarios.

- Fully Automatic Cleaning Machines
- Ultrasonic Cleaning
- Vacuum Hydrocarbon Cleaning
- Dry Ice Cleaning
- Laser Cleaning
- Plasma Cleaning
- Steam Cleaning
- Spray Cleaning
- Brush Cleaning
- Ultra-High Pressure Water Cleaning
- Supercritical Cleaning
- Cleanliness Analysis Systems
- Cleaning Agents
- Drying
- Demagnetization
- Anti-Static Solutions
- Rust Removal
- Anti-Corrosion Solution, etc.



Vacuum Coating Technology

Focusing on wear-resistant, corrosion-resistant, etch-resistant, low-friction, decorative, and functional surface coating requirements.

PVD, PACVD, CVD, CVA, DLC and other vacuum coating technologies and consumables.

Professional Visitors

Deburring, Polishing, Cleaning & Vacuum Coating Technology

- Data Center Liquid Cooling System
- Low Altitude Manufacturing
- Humanoid Robot
- Hydrogen Fuel Cell
- Automobile Making
- Consumer Electronics
- Medical Equipment
- Semiconductor Equipment
- Precision Mold
- Industry (bearings, gears,hydraulics, pump valves,compressors, die-casting parts, castings, forging&stamping&sheet metal parts, fasteners, oversized workpieces)
- Additive Manufacturing
- Household Electrical Appliances
- Clean Energy
- Construction Machinery
- Agricultural Machinery
- Ship
- Optical Manufacturing
- Instrumentation
- Hardware Tools
- Textile Machinery
- Rail Transit
- National Defense Manufacturing
- Commercial Aviation
- Aerospace Manufacturing
- Metal Packaging
- Clock and Jewelry
- Luxury Accessories
- Tools
- Machine Tool Components
- Remanufacturing
- Bicycles and Components
- Musical Instrument
- General Components and Equipment
- Others

Exhibitor's Message

Deburring, Polishing, Cleaning & Vacuum Coating Technology

This year's exhibition was bustling with energy, with a steady stream of professional visitors, fully demonstrating the vigorous development momentum of the industry. With high-level organizational capabilities and meticulous exhibition area planning, the organizer built an efficient and practical platform for matchmaking and exchange between the supply and demand sides.

Xiangye Precision made a major appearance with cutting-edge technology and complete intelligent manufacturing solutions, showcasing to global visitors our profound technical heritage and robust capabilities in the precision grinding sector. We sincerely thank every industry peer and partner at home and abroad who stopped by for discussions and in-depth exchanges.

Although the exhibition has concluded, our journey of craftsmanship continues. Looking ahead, Xiangye Precision will continue to deepen its presence in the precision grinding segment, polish every detail with professionalism, and join hands with partners from all sectors to build a new ecosystem of intelligent manufacturing!

Gong Kaihua / General Manager / Hangzhou Xiangye Precision Machinery Co., Ltd.

The 2026 SurfacePME Conference on Robotic Grinding, Polishing & Deburring Innovation and Application has successfully concluded.
We were honored to take part as an exhibitor. The conference gathered upstream and downstream peers to discuss cutting-edge topics including flexible force control, Embodied AI and AI process closed-loop, as well as share benchmark cases from aerospace, liquid cooling and new-energy sectors. It served as an effective bridge for technical exchange and supply-demand matching within the intelligent grinding industry.
We benefited greatly from this event. We observed the latest industry technological advances and gained clearer insight into the challenges of large-scale industrial deployment. We hope the insights from this conference can be translated into real-world industrial progress and drive cross-industry collaborative innovation.
We wish SurfacePME sustained, robust development and continued support for new-quality productive forces in manufacturing.

Zhang Tiantai / General Manager / Shanghai Qinji Intelligent Technology Co., Ltd.

Message from Conference Partners

Congratulations on the successful conclusion of the 2026 SurfacePME Conference on Robotic Grinding, Polishing & Deburring Innovation and Application!
The event united professionals from robot hardware, end-of-arm force control, 3D-vision inspection, consumables, system integration and research institutions. Participants exchanged insights on robotic flexible grinding, die-casting deburring, new-energy component processing, Physical AI and Embodied AI, building a solid platform for technical exchange and industry collaboration.

Going forward, Rokae will keep focusing on grinding and deburring vertical applications. With our core Physical AI robotics technology and an open, win-win ecosystem, we will work with partners to solve technical bottlenecks and supply mature, mass-producible automated grinding solutions for automotive, hardware, rail transit, new-energy and 3C industries. We hope to fuel new-quality productive forces via robotics and accelerate the intelligent transformation of China's surface-treatment industry.
Wish SurfacePME continued success!

Li Cong / Director of Grinding Product Line / Rokae

The 2nd Forum on Precision Grinding Technology Development and Digital Transformation has successfully concluded.
On behalf of United Grinding China, I would like to extend sincere thanks to the organizers for their thoughtful arrangements, as well as to all our industry-chain partners. Booming sectors including aerospace, humanoid robots and new energy are raising higher requirements for component precision, surface quality and production efficiency. Serving as both a technical exchange event and a key platform linking market demands to industrial upgrading, this forum offered great insights for enterprises to improve machining performance, boost productivity and pursue digital transformation.
As the saying goes, "One tree cannot form a forest; collaboration enables far-reaching progress." Upholding an open and symbiotic mindset, United Grinding will cooperate closely with partners to focus on precision grinding and keep delivering mature, mass-production-ready grinding solutions. Grateful for this gathering, and looking forward to our next meeting!

Wang Jiaqi / Marketing Director / United Grinding (China)

Congratulations on the successful conclusion of the SurfacePME Shanghai Exhibition!
This exhibition built an efficient industry exchange platform, allowing us to fully connect with market demands in the automotive components and related precision cleaning sectors.
We look forward to continuing our partnership with SurfacePME, deepening our presence in precision component cleaning processes, and jointly promoting the high-quality development of China's cleaning equipment industry.

Qu Guicai (Kevin) / General Manager / Jiangsu Kesaibo Intelligent Equipment Co., Ltd.

We thank the organizer for their meticulous organization, which has enabled exhibitors and visitors to gain a more comprehensive understanding of the multi-dimensional technical approaches for precision surface processing of components. It has also provided Suhner's electric-driven force control mechanism with the opportunity to reach more integrators and users. We wish the future of precision grinding an even broader and wider path.

Wang Liping / Marketing Manager / Suhner (Suzhou) Industrial Technology Ltd.

Congratulations on the successful conclusion of the SurfacePME 2026 International Grinding, Deburring, Lapping & Polishing Exhibition!
As an exhibitor at this year's event, we sincerely thank the organizer team at Gaomei Qihui Exhibition for their meticulous planning and comprehensive support.
We wish the SurfacePME International Deburring Exhibition growing from strength to strength, continuing to deepen its presence in the precision surface processing segment and empowering industry technological innovation and industrial upgrading. We look forward to continuing our partnership at the next edition and jointly promoting the high-quality development of the industry!

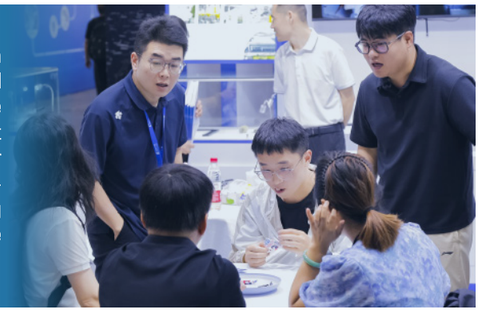
Xu Lizhong / General Manager / Huzhou Xingxing Abrasive Co., Ltd.

Exhibition Value

Deburring, Polishing, Cleaning & Vacuum Coating Technology

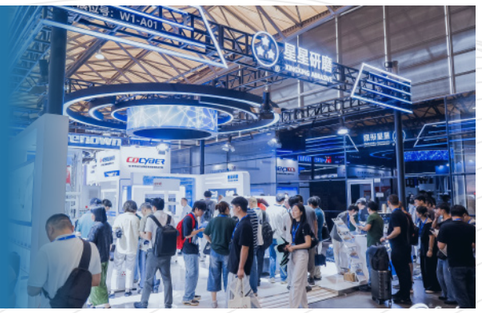
Deal-Making

Since its founding in 2019, SurfacePME has been dedicated to helping end users solve technical pain points and helping exhibitors to close outstanding deals.With a comprehensive product system, robust buyer database, precise visitor recruitment methods, digital marketing capabilities, and key buyer supply-demand matchmaking services, SurfacePME helps exhibitors achieve beyond-expected return on investment.



Brand Visibility

With its precise and clear technical positioning, SurfacePME enjoys extensive and far-reaching influence worldwide. You will exhibit alongside the world's leading companies, connect with key buyers from various sectors, and this will help enhance your brand influence in the precision surface processing sector.



Market Insight

As a technology platform for integrated component surface-processing solutions, SurfacePME brings together not only the world's leading surface-processing technology companies but also end users from every field. In a short time, exhibitors gain access to numerous well-defined inquiries and technical pain-point feedback , securing new orders and engaging existing customers, while also informing decisions on product improvement and R&D direction.



Networking

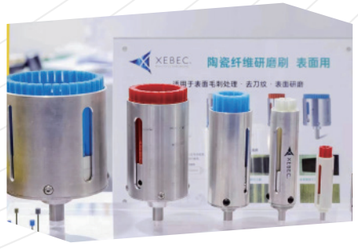
As a highly technology-intensive industry with personalized demands and a sector of new quality productive forces, the precision surface processing industry benefits from SurfacePME's strong industry resources and professional networks. SurfacePME helps participants connect with peers, upstream and downstream partners, and key customers, creating numerous business opportunities.



Key Exhibitors and Partners

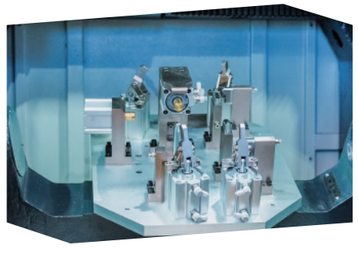
Deburring, Polishing, Cleaning & Vacuum Coating Technology

*This page shows a partial list of 2026 exhibitors; the ranking does not imply order of importance.













Visitor Industry Analysis (SurfacePME2026)

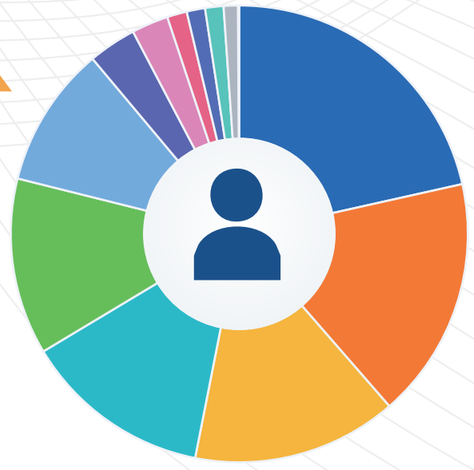
Deburring, Polishing, Cleaning & Vacuum Coating Technology

		visits	accounting
1	Automobile manufacturing	1,810	20.3%
2	Construction machinery	659	7.4%
3	Consumer electronics	628	7.1%
4	Humanoid robot	552	6.2%
5	Precision mold	518	5.8%
6	Industry (bearings/gears/hydraulics/valves and related sub-sectors)	506	5.7%
7	Aerospace	421	4.7%
8	Medical Devices	379	4.3%
9	Semiconductor equipment	375	4.2%
10	Hardware tools	375	4.2%
11	Clean energy	327	3.7%
12	Low-altitude manufacturing	254	2.9%
13	Contract processing	219	2.5%
14	Others	约836	约9.4%

Note: The top 9 industries collectively account for approximately 65.7%. The visitor industry composition is dominated by advanced manufacturing and emerging industries.

Visitor Job Function Analysis (SurfacePME2026)

Administrative Decision	1,237	(21.5%)
Procurement	986	(17.1%)
R&D design	837	(14.5%)
Marketing / BD	766	(13.3%)
Production-Manufacturing	722	(12.5%)
Engineer	577	(10.0%)
Project Supervision	196	(3.4%)
Human Resource Management	149	(2.6%)
Journalist/Editor	80	(1.4%)
Government	77	(1.3%)
Education/Research	73	(1.3%)
Other	57	(1.0%)



79%

of professional visitors hold roles in management decision-making, R&D, production/engineering and procurement Indicating relatively strong purchasing authority.

Concurrent Conference Data

Deburring, Polishing, Cleaning & Vacuum Coating Technology

SurfacePME 2026 Overview

3 Forums Held

527 Total On-site Attendees

Technical/R&D/process & management attendees

01 The 2nd Forum on Precision Grinding Technology Development and Digital Transformation – "The Driving Engine of New Quality Productive Forces"

218 visits

Technical/R&D/Process **31.2%**

Management (including procurement, business owners & above) **18.3%**



02 2026 SurfacePME Robotic Grinding, Polishing & Deburring Innovation and Application Conference

216 visits

Technical/R&D/Process **30.6%**

Management (including procurement, business owners & above) **18.5%**

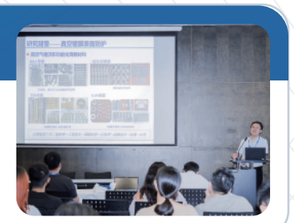


03 SurfacePME (2026) Special Forum: Application of Vacuum Coating Technology in Precision Surface Processing

93 visits

Technical/R&D/Process **35.5%**

Management (including procurement, business owners & above) **14%**



2027Annual Conference Plan

1. Robotic Grinding, Polishing & Deburring Innovation and Application Conference
2. Vacuum Coating Technology Conference
3. Data Center Liquid Cooling System Surface Finishing & Cleanliness Control Conference
4. Aerospace Surface Precision Processing Technology Conference
5. Semiconductor Equipment Key Components Precision Surface Processing Technology Conference
6. Humanoid Robot Key Components Surface Finishing Technology Conference

*Detailed schedule to be confirmed on-site.

Exhibition Venue

Deburring, Polishing, Cleaning & Vacuum Coating Technology

Shanghai New International Expo Centre (SNIEC), Halls E1–E2



Exhibition Fee

Booth Registration Fee
USD380/exhibitor

Raw Space Fee
USD300/m²

Standard Booth Fee
USD350/m²

*Prices above already include 6% VAT

Contact Us

Alfred Yao Sales
+86 189 5423 9636
fangrun.yao@cshevents.com

Natasha Marketing
+86 131 6717 4898
natasha@cshevents.com

Originated by CSH Events

CSH EVENTS

*A member of Comexposium Group (France) , one of the world's largest exhibition organizers.

Follow us on Linkedin