Chinaplas

From Challenge to Transformation: Discover the Next Breakthrough for Manufacturing

1,600+
Solution Providers for the Industry

BASF
BCC
Changhe
ERA
Haoye
JCTIMES
Jurry
Jwell
Kingfa
Konrun
LIANSU
Orinko
Rongsheng
Shandong Tongjia
Sinochem International
StarBetter
Sundow
Tongda
Useon
Yaxing...

Distinguished Buyers

AKAN
Chinaust Group
CKS Waterproof
ERA
Gerflor
Goody
HOMSO
Huida
JOMOO
Kingbull
Kohler
Lesso
LIXIL
Oriental Yuhong
Qinglong Pipes
Rifeng
Runner
Thai-Asia P.E. Pipe
TOTO
VASEN...

WHY VISIT

Gather Global Plastics and Rubber Industry Elites at a Convergence Point

At CHINAPLAS, we move beyond "making products" to "solving production challenges". Explore how smart manufacturing, automation, and advanced materials come together to deliver scalable, low-carbon solutions — unlocking a competitive advantage grounded in sustainability.

Witness Live Demonstrations and Quantify Your ROI

With 3,800+ machines in action, covering injection molding, extrusion, automation, and recycling, visitors can compare performance, precision, and energy efficiency. Evaluate real time output, material savings, and cycle times to drive data-driven ROI decisions.

Gain Actionable Foresight to Stay Ahead of the Curve

Themed events, tech seminars and industry forums provide deep dives into bioplastics, composites, 3D printing and AI-driven quality control beyond the show floor, offering global insights to help your team anticipate market shifts and drive sustainable growth.

Accelerate Your Innovation Cycle through Cross-industry Inspiration

CHINAPLAS brings together a wide spectrum of appplication sectors like automotive, electronics, advanced packaging, medical and new energy in one place. Expose your team to cross-industry technologies to leverage proven solutions, spark breakthrough ideas, and shorten development timelines—fueling your next big innovation.

16 THEME ZONES

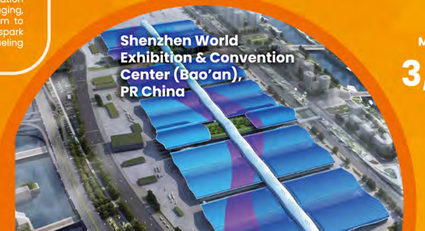
MACHINE EXHIBITS

- Auxiliary & Testing Equipment Zone
- Blow Molding & Thermoforming Machinery Zone
- Extrusion Machinery Zone
- Film Tech Zone
- Flexible Plastic Packaging Machinery Zone
- Injection Molding & Smart Manufacturing Solutions Zone
- Recycling Tech Zone
- Rubber Machinery Zone

MATERIAL SUPPLIERS

- Additives Zone
- Bioplastics Zone
- Chemicals & Raw Materials Zone
- Colour Pigment & Masterbatch Zone
- Composites & High Performance Materials Zone
- Recycled Plastics Zone
- Thermoplastic Elastomers & Rubber Zone

INNOVATIVE PRODUCTS ZONE



Exhibition Area
390,000sqm

International Exhibitors
4,700+

Machine Exhibits
3,800+

Material Suppliers
1,600+

8 National / Regional Pavilions

The 39th International Exhibition on Plastics and Rubber Industries

Chinaplas 2027

Chinaplas

Advancing a Smarter, Circular Future - As One

Show Scale of **CHINAPLAS 2027** (Estimated)

Building & Infrastructure

PR China
Shenzhen World Exhibition & Convention Center (Bao'an)

20 27

4·13 / 4·16

ChinaplasOnline.com

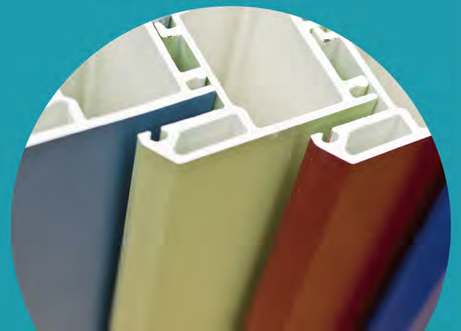
Plastics × Building & Infrastructure

Green & Low-Carbon
Smart Manufacturing
Innovative High Performance & Lightweight Solutions

Exhibit Highlights

Empowering Industrial Innovation for the Betterment of Living

- Low Halogen Environmentally Friendly Flame Retardant
- PVC-O Pipe Extrusion Line
- High Strength
- High and Low Temperature Resistance
- High Efficiency High Production
- Anti-aging
- Multi-material Co-extrusion
- High Light Transmittance



Innovative High Performance & Lightweight Solutions

High-performance composites continuously expand applications across building and infrastructure sectors. Lightweight composites and engineering plastics replace traditional materials due to their high strength, weatherability, flame retardancy, and aging resistance. Combining low self-weight with structural integrity and ease of installation, these advanced materials are optimized for prefabricated construction, pipeline renovation, and next-generation infrastructure projects.

Technyl LITE Thermoplastic Composites

ZHEJIANG DOMO ENGINEERING MATERIAL CO., LTD.

DOMO's TECHNYL® LITE is an innovative polyamide unidirectional composite tape (UD-Tape) that opens up new possibilities for lightweight performance in automotive, sports & leisure, and construction applications. This novel glass- and carbon-fiber reinforced composite boasts exceptional specific strength and stiffness, serving as a versatile metal-replacement solution across a wide range of applications. Furthermore, TECHNYL® LITE UD-Tape not only advances lightweight solutions but also stands out as a fully recyclable, sustainable option.

High-Efficiency Flame Retardant Masterbatch for Concentrated Grafted PVC

HUNAN SPLENDOR-INTL TECHNOLOGY CO.,LTD.

Utilizing internationally advanced flame retardant technology, our product features a carefully formulated blend of highly effective flame retardants and stabilizers. These are integrated uniformly into the PVC substrate through precision processing techniques, forming a homogeneous flame retardant system.

Building Sealing Elastic Material

ORINKO ADVANCED PLASTICS CO., LTD.

TPV/TPE
Acid and alkali resistance, aging resistance, corrosion resistance, dust prevention
Good sound insulation, resistant to high and low temperatures

Smart Digital Production Lines

Production lines for plastic pipes, SPC flooring, and structural profiles are accelerating digital upgrades for end-to-end control and traceability. This transformation reshapes traditional manufacturing, significantly boosting Overall Equipment Effectiveness (OEE) and yield rates while minimizing energy and labor costs. These advancements propel the plastics building materials industry into a new era of green, highly efficient, and flexible smart manufacturing.

1600mm Three-layer HDPE Pipe Extrusion Line

BEIER MACHINERY CO., LTD.

HDPE pipe extrusion line is an efficient and intelligent industrial-grade equipment designed for the production of high-density polyethylene (HDPE) pipes. HDPE pipe production line integrates advanced extrusion technology, intelligent control systems and energy-saving and environmentally friendly designs. It can produce various types of HDPE pipes and is widely used in municipal engineering, gas transportation, agricultural irrigation, industrial fluid transportation and other fields.

PVC/WPC Wall Panel Machine

QINGDAO RUIJIE PLASTIC MACHINERY CO., LTD.

PVC wall panel equipment mainly includes cone-type twin screw extruder, co-extruder, vacuum setting table, tractor, cutting machine and receiving rack and other components.Through automatic control, easy operation, these equipments serve with high production efficiency, and stable operation.

Full Automatic CO2 XPS Physical Foamed Board Production Line

SHANDONG TONGJIA INTELLIGENT EQUIPMENT CO., LTD.

- Utilizes supercritical CO_2 multi-stage pressurized foaming technology
- Equipped with a permanent magnet synchronous servo motor
- The intelligent weightless feeding system, combined with industrial robots and full automation, allows for remote operation and continuous monitoring to optimize production efficiency and reduce manual intervention.

Technology & Process Innovation

Process and technology iterations drive growth for the plastics building materials industry. Recent breakthroughs span material R&D, manufacturing, and design. Driven by eco-friendly resins and precision extrusion molding, these innovations enhance component weatherability, aging resistance, structural stability, and mechanical performance, strengthening market competitiveness while establishing a technical foundation for large-scale, high-end industry development.

PVC Foaming Regulator / Bubble Modifier

SUNDOW POLYMERS CO., LTD.

PVC foaming regulator is an ultra-high molecular weight acrylic copolymer, and the ultra-high intrinsic viscosity can make PVC products with high melt strength, preventing the rupture of the bubble hole, so as to obtain a uniform and dense bubble structure.

Plastic Pipe Bending Machine

ZHANGJIAGANG LANGBO MACHINERY CO., LTD.

The machine is specialized for precision bending of PVC, PE, PPR pipes (20-315mm diameter). Adopting hydraulic drive and servo positioning technology, it achieves 0°-180° adjustable bending with customizable radii, ensuring smooth, wrinkle-free and deformation-free results. Widely applied in municipal water supply and drainage, HVAC systems, electrical casing, agricultural irrigation and industrial pipelines, it caters to multi-field bending needs.

BCtouch UX Control System

BATTENFELD-CINCINNATI (FOSHAN) EXTRUSION SYSTEMS LTD.

The system includes all timing logic, including temperature control, as well as standardized interfaces for integrating intelligent sensor technology and downstream equipment. Several modules for process control and data logging ensure an optimal production process.

See you in Shenzhen

Registration via Website

Registration via WeChat

WhatsApp

Privileges for Overseas Delegations

- Free admission
- Express delegation registration
- Free use of delegation lounge
- Group photo-taking upon arrival

Enquiry

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