Chinaplas
国际橡塑展

SHOW PREVIEW

Transformation • Collaboration • Sustainability

Shanghai, PR China
National Exhibition & Convention Center (Hongqiao)

2026

4•21 / 4•24

Pre-register for admission discount

Exhibitors list & exhibits details

ChinaplasOnline.com

Special Sponsors	JINGTUN ELECTRO-MECHANICAL	HENGYI	QatarEnergy	ZhongyunTech 中云	LONTO 龙拓	中海壳牌 CSPC
Booth No.	2.2B88	6.2A12	6.2C76	7.1C25	8.2B28	8.2F03

EXPLORE THE FRONTIERS OF PLASTICS & RUBBER INNOVATIONS @ CHINAPLAS 2026

- Circular Economy
- Digitalization & AI
- Innovative Materials
- China's High-end Technologies

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Machinery & Equipment
- Injection molding machines
- Extruders & extrusion lines
- Blow molding & thermoforming machines
- Film technology & plastic packaging machines
- Recycling machines
- Automation technology
- Pre, post & other processing machines
- Mold & die and components

Raw Materials & Auxiliaries
- General plastics, engineering plastics & high performance materials
- Composites & reinforcing fibers
- Bioplastics
- Recycled plastics
- Additives, colour pigment & masterbatch
- Thermoplastic elastomers & rubber

Semi-finished & Innovative Products

40 **CPS+ eMarketplace**

41 **High-Value Concurrent Events Await You to Join**

44 **Elevated Sourcing Journey**

45 **Visiting Tips, Hotels & Transportation**

CONNECT · GROW · EXCEL – Join Our Events

- The 7th Edition Plastics Recycling & Circular Economy Conference and Showcase
- Tech Talk
- The Power of Plastics Forum
- Medical Plastics Connect
- Additives Seminar: Enhancing Sustainability and the Values of Plastics
- Product Innovation Gallery
- Applications in Focus
- Day 4 Trend Insights

For more information and visitor pre-registration:
ChinaplasOnline.com

Going Beyond :
Unlock Limitless Possibilities for Manufacturing

PACKAGING

Plastic packaging is becoming integral to industries, such as food and beverages, cosmetics, e-commerce, etc. While lightweight design, easy moldability, and aesthetic appeal remain crucial, there is a growing emphasis on sustainability, intelligence and personalization. Innovative packaging solutions and technologies are designed to invigorate packaging companies and drive high-quality growth in the industry.

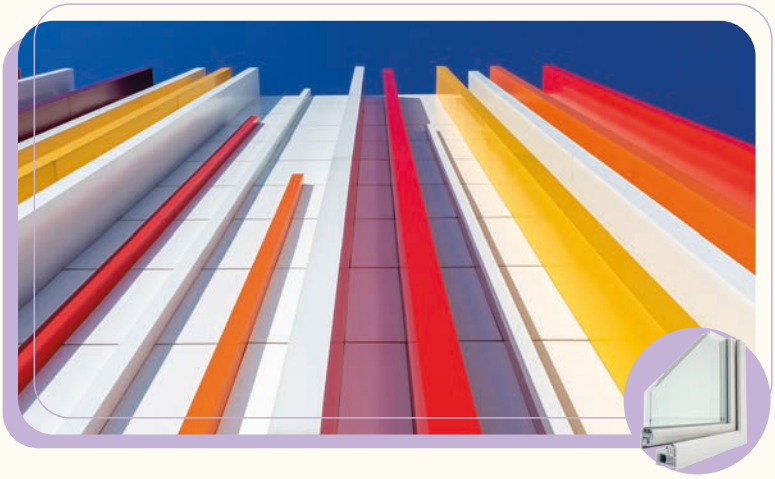
1. Circular recycled, bio-based and biodegradable materials
2. Smart, label-free, and lightweight design
3. Mono-material, accessory-free integrated packaging
4. A diverse range of high barrier food grade materials
5. Integrated molding and energy-efficient molding technologies
6. Refined personalize customization solutions

AUTOMOTIVE

Lightweight plastics are widely used in automotive components and interior parts, reducing vehicle weight to improve fuel efficiency, extend endurance, and lower manufacturing costs. In new energy vehicles (NEVs), high-performance plastics are essential to ensure safety and reliability in battery systems, motors, and electronic controls. Stricter environmental regulations are also boosting the demand for sustainable and low-carbon materials, pushing innovation in recyclable plastics.

1. In-Mold Electronic (IME)
2. Micro-foaming in combination with integrated injection molding technology
3. Film Insert Molding Technology (FIM)
4. Miniaturized, thin-walled, and lightweight design
5. Advanced engineering plastics (PA66、PPS、PBT)
6. High-performance polymers exhibiting excellent weather & impact resistance, and flame retardancy
7. Sustainable materials for tires

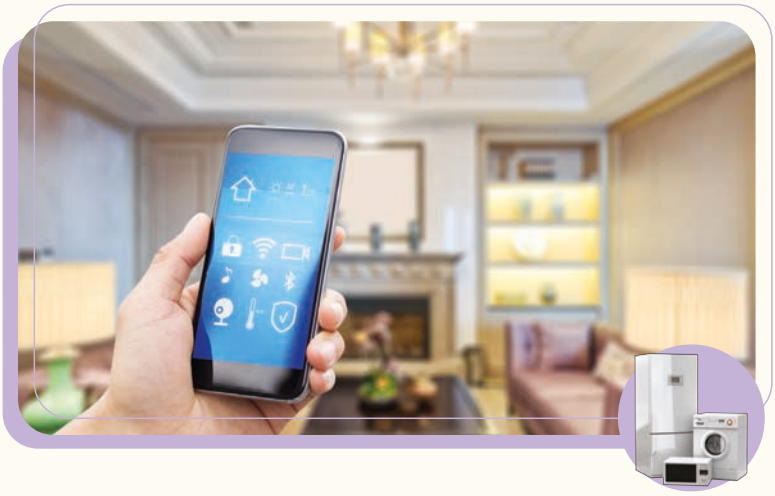
BUILDING & INFRASTRUCTURE



The plastics building materials industry is evolving with multi-directional trends. The adoption of smart manufacturing and big data is enhancing production efficiency and quality, while a growing emphasis on environmental sustainability is accelerating the use of biodegradable and recycled plastics. Innovations in high-performance materials are also effectively meeting the demands of more safe and high-end construction. Advanced building material solutions support the industry's shift toward high-end, intelligent, and sustainable development.

1. Functional plastics (halogen-free flame retardant, UV resistant, self-healing)
2. High-strength, anti-aging, high and low temperature and corrosion resistant materials
3. Smart and sensing plastics (conductive PVDF)
4. Bio-based and low-carbon plastics (Bio-PET, Bio-PE + PP)
5. Multi-material co-extrusion
6. Low pressure and low temperature extrusion

ELECTRONICS & ELECTRIC



The electronics and electric industry is undergoing an unprecedented transformation, driven by the revolution in AI technology and the global push for carbon neutrality. This shift requires materials that offer higher performance, reduced weight, enhanced energy efficiency, and sustainability. The advancements in material selection, precision processing techniques, stringent quality control measures, and advanced testing methods, all aim at promoting intelligent, healthy, and sustainable development in the industry.

1. PFAS-free materials
2. Bio-based and recyclable materials
3. Biomass balance technology
4. High thermal conductivity modification technology
5. Ultra-high flowability and thin-wall molding technology
6. High-precision injection control technology
7. Ultra-low warpage materials improve assembly precision

MEDICAL & HEALTHCARE

Plastics in healthcare are evolving from traditional disposable materials into core materials enabling smart healthcare and precision medicine. Medical-grade engineering plastics continue to improve in biocompatibility and long-term stability, while high-performance functional additives deliver key functions such as antimicrobial, protein-resistant, and flame-retardancy to support clinical safety and infection control. With the rapid growth of wearable devices, minimally invasive tools, and implantable systems, plastics are no longer limited to structural housings but are becoming critical interfaces for sensing, data collection, and human–device interaction. At the same time, sustainability is accelerating the adoption of low-carbon, bio-based, and recyclable medical plastics, shaping a smarter and more resilient healthcare ecosystem.

1. Biocompatible and implantable materials (PMMA, CF-PEEK, PLGA)
2. High-performance functional additives
3. Smart wearable and flexible medical materials (TPU, PI)
4. High-precision injection molding and tooling
5. Liquid silicone injection molding
6. 3D printing
7. Precision medical catheter extrusion

Going Beyond :
Unlock Limitless Possibilities for Manufacturing

NEW ENERGY

The new energy sectors—including wind, solar, energy storage, and electric vehicles—are placing higher demands on material performance, reliability, and sustainability. Plastics and their composites are rapidly permeating structural components, insulation, battery systems, and functional parts. In 2025, the photovoltaic (PV) manufacturing sector achieves groundbreaking progress, with global module capacity exceeding 1.3TW. China dominates 90% of high-efficiency N-type TOPCon production capacity, while POE film penetration reaches 70%. Polymer materials and advanced processing technologies continue to drive the comprehensive sustainable development of PV modules through cost reduction, efficiency improvements, and technological innovations in encapsulation protection and lightweight design.

1. High-weather-resistance encapsulation technology
2. Lightweight fluoropolymer backsheet technology
3. Low-cost high-barrier film technology
4. Anti-aging additive system optimization
5. Lightweight structural material technology
6. Eco-friendly degradable material technology
7. Smart functional film technology

TRANSPORTATION

The aerospace and rail transit equipment industries continue to generate an urgent need for high-performance new materials. In the aerospace sector, low-altitude economic policies are driving the development of the eVTOL industry, with the industry focusing on lightweight, extreme environment resistant, flame-retardant, and vibration-damping plastics and rubber composite materials. For rail transit equipment, there is particularly strong demand for high-performance materials with the properties of wear resistance, aging resistance, noise reduction, vibration damping, and fire resistance.

1. High-temperature thermoplastic composites
2. Carbon fiber reinforced polymer
3. Functionalized specialty elastomers and sealants
4. 3D printing and molding technology
5. Microcapsule and smart plastics preparation process

RECYCLING

With the growing global focus on carbon reduction and environmental protection, plastic recycling and regeneration have become key drivers of industrial transformation. Government policies worldwide are encouraging recycling efforts, accelerating the adoption of new materials and technologies. The market is seeing rising demand for innovative solutions such as high-efficiency sorting, automated identification, biodegradable modification, and chemical recycling. As more brands embrace the use of recycled materials, technologies that enhance the quality and processing efficiency of recycled plastics are taking center stage, driving the plastics industry toward higher value creation and sustainable development.

1. Food grade bottle-to-bottle recycling line
2. Food grade PCR
3. High-performance bio-based materials
4. AI intelligent sorting
5. Fully biodegradable materials
6. High-performance recycled composites
7. Chemical recycling

SPORTS & LEISURE

The sports and leisure industry is rapidly evolving towards high performance, lightweighting, and sustainable design, propelled by developments in AI and the urgent push for carbon neutrality. Key advancements include innovations in green materials, such as bio-based and recycled materials, and high-performance TPU; smart manufacturing using 3D printing and automated precision machining; and CMF innovations focusing on functional surfaces, such as anti-slip micro-textures and the optimization of soft, skin-friendly textures.

1. Lightweight with high resilience
2. Breathability, flexibility, and shock absorption
3. Antimicrobial, durable, and weather-resistant
4. Soft and skin-friendly
5. Consistent quality recycled materials
6. 3D printing for customization
7. High-precision injection molding and LSR injection molding

HIGH-END TECHNOLOGIES FROM CHINA

SPECIALIZED AND NICHE CHINESE TECHNOLOGY PRESENTATIONS AT CHINAPLAS

WITNESS THE RISE OF SPECIALIZED AND NICHE CHINESE ENTERPRISES

CHINAPLAS 2026 will feature over 1,000 Specialized and Niche Chinese exhibitors, accounting for 22% of the total. More than 200 of these are top-tier "Little Giant" companies, offering global buyers high-quality sourcing options that combine advanced technology with excellent cost performance.

SHAPING THE FUTURE OF SMART MANUFACTURING

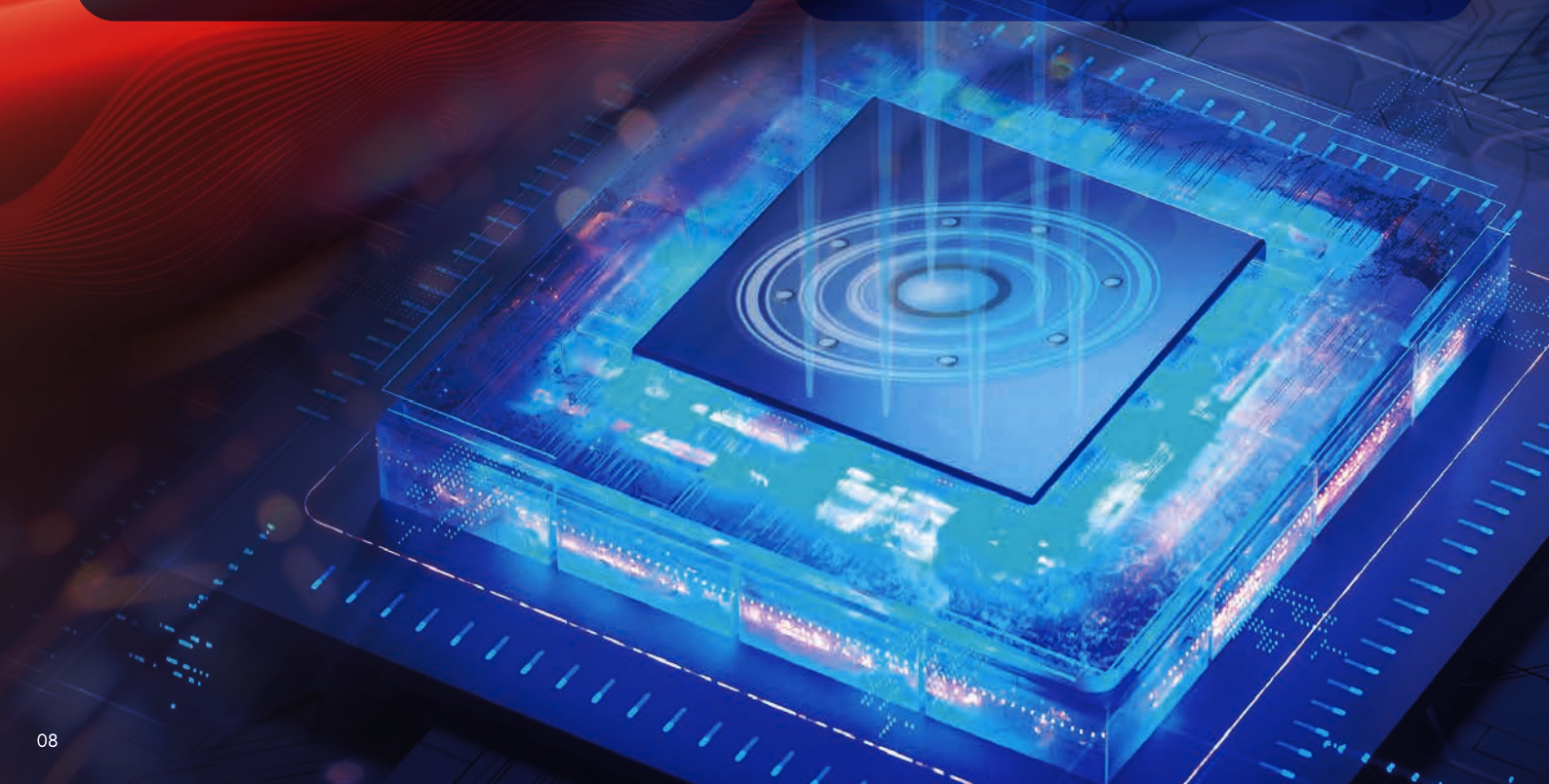
In the machinery halls, these Specialized and Niche Enterprises are showcasing their deep expertise and strong innovation capabilities. From intelligent injection molding units and precise extrusion lines to high-efficiency rubber processing machines, as well as upgrades in flexible production lines and smart factories, visitors can witness firsthand how these companies integrate high precision, full automation, and digital management. These set the standard for next-generation manufacturing.

MATERIAL INNOVATION, EMPOWERING APPLICATIONS

The materials halls are equally dazzling, with Specialized and Niche Enterprises continuously breaking new ground in material research and applications. Their innovative materials and specialty additives are driving advancements in automotive light weighting, medical device upgrades, and green construction, while also strategically propelling cutting-edge fields such as artificial intelligence, embodied robotics, and the low-altitude economy, injecting new innovation and energy into these emerging sectors.

WHAT ARE "SPECIALIZED AND NICHE ENTERPRISES" IN CHINA?

This refers to the enterprises with comprehensive indicators established by the Chinese government in terms of economic benefits, degree of specialization, level of excellence in operation and management, etc. Enterprises with this official recognition are categorized into national-level "Little Giants" and provincial/municipal-level technologically advanced enterprises. This signifies a solid validation of their unparalleled professionalism, remarkable technological innovation capabilities, influential industry presence, and comprehensive overall strength.



Partial List of 1,000+ Specialized & Niche Chinese Exhibitors & Their Booth Numbers

Machinery & Equipment

Tederic	5.1C51	Jinming	3C26	Mould-Tip	5.2F60
Borch	5.1C22	Delijun	8.1C31	Cfine	1.1A52
Hwamda	5.1C21	Simcheng	6.1B38	Sunko	ND01
Ounuo	8.1B58	Jwell	3C29	Lina	1.1C66
Jinhu	7.1C22	Tech-Long	8.1C28	TYM	1.1C82
Altma	3B66	Tongjia Intelligent	8.1C22	Oushengda	2.1B12
Hancent	8.1B54	Kaihua	5.2F28	3E Recycling	5.1B21
Sinomech	3B54	Dekuma	7.1C28	Boretech	ND16
Zhuorui	8.1C40	Taizhou JMT	5.2D54	Huayi	1.1D85
Xiecheng	5.1C15	CRG	4.1F18	Databeyond	NB02
Costar	3C36	CGC	6.1D40	Mehow	4.1C02
Wenan Tongda	7.1C39	Xinda	6.1B65		
Jing Cheng	6.1B40	Wensui	5.1C11		

Raw Materials & Auxiliaries

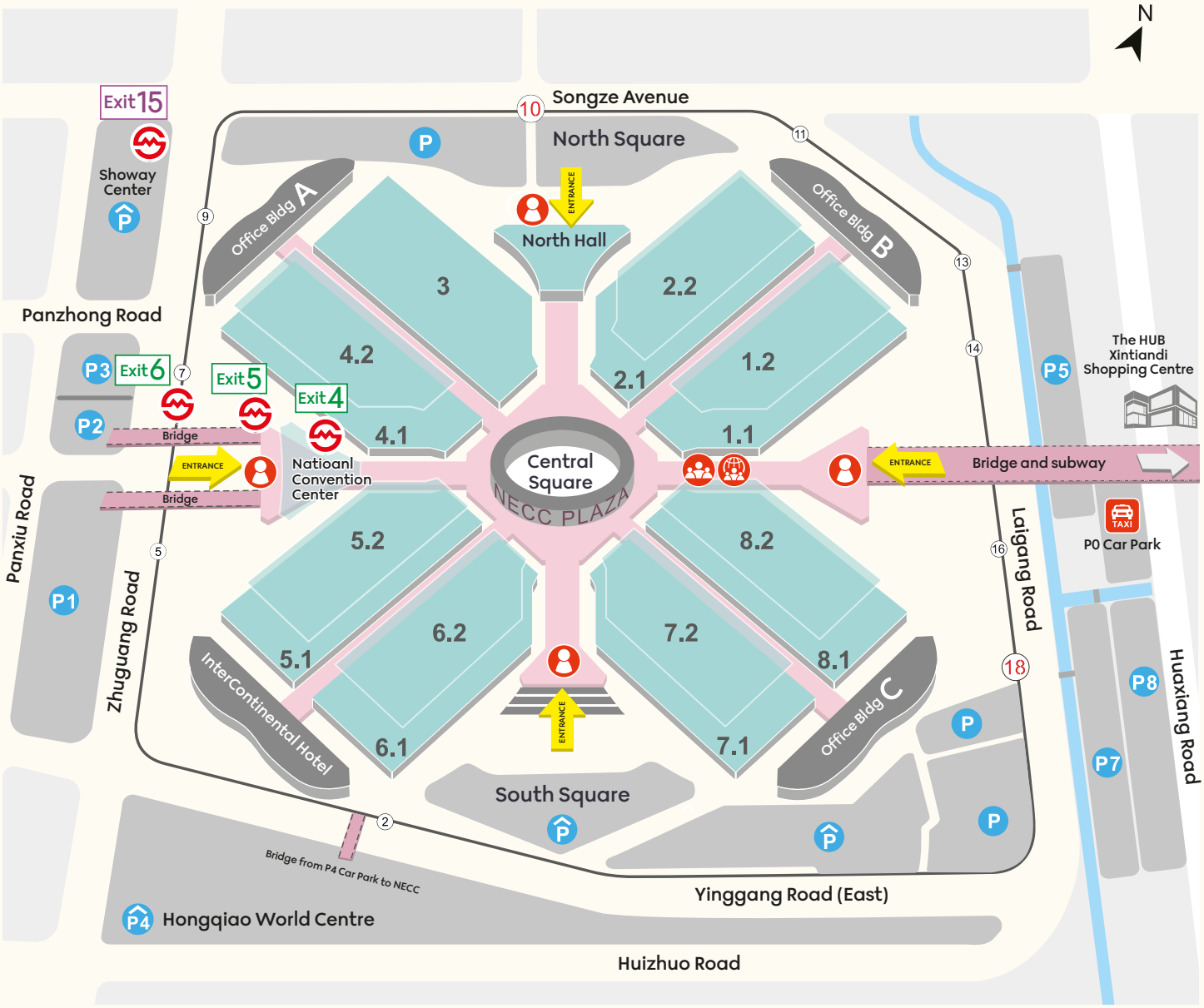
Kumho-Sunny	8.2F11	Pret	7.2C13	Jiaren	1.2F44
Gon	7.2C96	NHU	7.2C19	Hechang	7.2A02
Orinko	7.2C04	Sunris	1.2D87	Phabuilder	1.2D72
Rianlon	8.2F22	Citic Titanium	2.2F22	Langyi	6.2G72
CGN Juner	7.2C85	Julong	7.2B30	Longxin	8.2F51
Shiny	8.2F12	Top Polymer	6.2C79	Pfluon	7.2B04
Unitechem	8.2F72	Guolong	1.2D54	Jinghong	1.2D86
Rike	8.2F61	Malion	8.2F21	Shenghe	1.2F87
Miracll	6.2C75	Black Cat	1.2D92	Cyclone	1.2K25
Genius	7.2C102				

Semi-finished and Innovative Products

Yinjinda	4.2G35
Gettel	4.2G76
Tangke	4.2F29
Cailong	4.2F33

Scan for 1,000+ Specialized and Niche Chinese Exhibitors' Details

NATIONAL EXHIBITION AND CONVENTION CENTER (HONGQIAO, SHANGHAI)



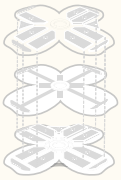
LEGEND

- Visitor Registration
- Local Delegation Reception
- Overseas Delegation Reception
- Metro Line 2 National Exhibition and Convention Center Station
- Car Park
- Basement Car Park
- Taxi
- Metro Line 17 National Exhibition and Convention Center Station
- 10 North Square Car Park Entrance
- 18 South Square Car Park Entrance
- 2 Venue Gate No.

REMARKS:

- P4 Enter carpark from Huizhou Road
- P8 Enter carpark from Huaxiang Road

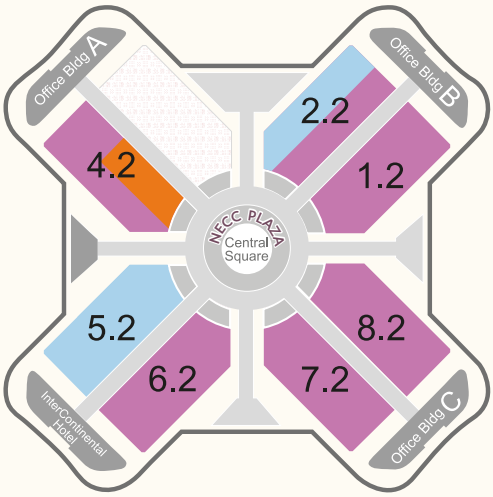
THEME ZONES / PAVILIONS PLAN



2/F

Mezzanine
(Exhibition Footpath)

1/F



2/F

1.2 Additives Zone, Bioplastics Zone
Colour Pigment & Masterbatch Zone
Recycled Plastics Zone

2.2 Young Tech Hall
- Injection Molding & Smart Manufacturing Solutions
- Extrusion & Film Technology, Flexible Plastic Packaging Machinery Zone
- Rubber Machinery, Die & Mould
- Chemicals & Raw Materials, Colour Pigment & Masterbatch

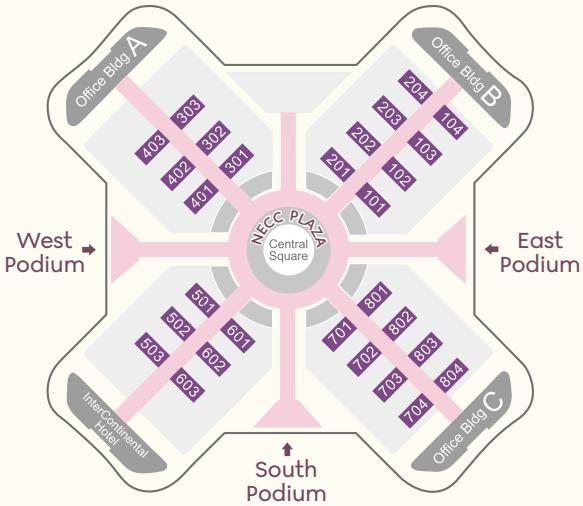
4.2 Chemicals & Raw Materials Zone
Additives Zone
Innovative Products Zone

5.2 Auxiliary & Testing Equipment Zone
Die & Mould Zone

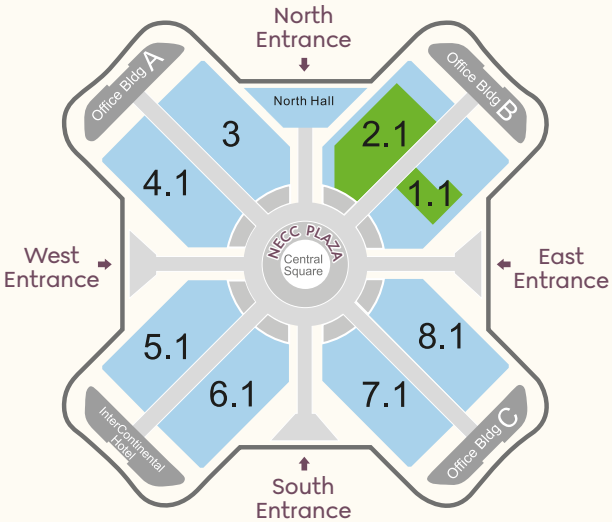
6.2 Chemicals & Raw Materials Zone
Thermoplastic Elastomers & Rubber Zone

7.2 Chemicals & Raw Materials Zone
Composites & High Performance Materials Zone

8.2 Additives Zone
Colour Pigment & Masterbatch Zone
Chemicals & Raw Materials Zone



Mezzanine (Exhibition Footpath)
Meeting Rooms



1/F

North Hall Recycling Tech Zone

1.1 Japanese Pavilion
Taiwan Region (China) Pavilion
Rubber Machinery Zone
Blow Molding & Thermoforming Machinery Zone
Injection Molding & Smart Manufacturing Solutions Zone

2.1 Austrian, French, German, Italian, Swiss & UK Pavilions
Injection Molding & Smart Manufacturing Solutions Zone
Recycling Tech Zone

3 Film Tech & Flexible Plastic Packaging Machinery Zone

4.1 Injection Molding & Smart Manufacturing Solutions Zone

5.1 Auxiliary Equipment Zone
Injection Molding & Smart Manufacturing Solutions Zone

6.1 Extrusion Machinery Zone

7.1 Extrusion Machinery Zone
Flexible Plastic Packaging Machinery Zone

8.1 Blow Molding & Thermoforming Machinery Zone
Flexible Plastic Packaging Machinery Zone

LEGEND

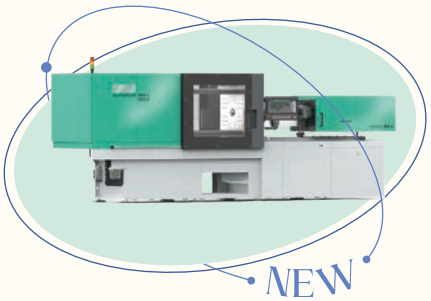
- Chemicals & Raw Materials Halls
- Machinery Halls
- Innovative Products Zone
- Country/ Region Pavilions
- Exhibition Footpath
- Meeting Room

INJECTION MOLDING MACHINES

ALLROUNDER TREND

ARBURG (SHANGHAI) CO., LTD.

4.1D42



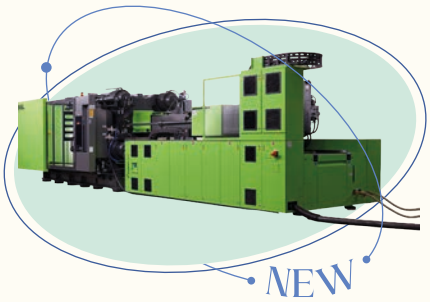
ALLROUNDER TREND Technology Overview :

- Clamping force 500-2000kN, 4 models
- Injection speed up to 500mm/s, drastically increasing efficiency
- Servo motor, all-electric drive, energy saving and emission reduction
- Intuitive Gestica Lite operating interface, quick parameter setting
- Extra-large mold installation space, quick setup and rapid start-up
- Self-lubricating tie bar, maintenance-free
- Modular design, easily expand automated production lines

Next-Generation Automotive Exterior : In-Mold Coating Technology Pioneers B-Pillar Production

ENGEL MACHINERY (SHANGHAI) CO., LTD.

5.1C41



Comprehensive PUR Expertise from a Single Source. With the newly established clearmelt Competence Centre (CCC), we are consolidating more than 20 years of polyurethane experience together with the specialised know-how of our system partners. You benefit from global, end-to-end project support – from the first concept right through to full series production. B-pillar will be produced on ENGEL duo 700 in the realm of intelligent manufacturing for automotive exterior components during CHINAPLAS. This one-step process innovatively applies in-mold painting to exterior B-pillar manufacturing, achieving extreme streamlining of production workflows. It drastically reduces the time and labor costs by traditional processes while significantly boosting production efficiency.

UAV Propeller Injection Molding and Automated Integrated Solution

HAITIAN INTERNATIONAL HOLDINGS LTD.

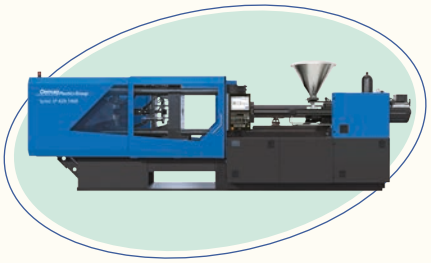
5.1C32

- Production efficiency increased by over 30%; 100% labor cost saved in the assembly process, with error rate reduced by 5%-8%; Dimensional deviation is ±0.05mm, superior to ±0.2mm of traditional processes.
- Realized the integration of "injection molding + assembly" for propeller clamps; 800mm/s high-speed injection; Air-floating turntable ensures stable station switching. It brings users core benefits of fully automated production, cost reduction and efficiency improvement.
- High-precision digital control and precise dual-material compounding ensure the products are lightweight, impact-resistant and dimensionally stable, meeting consumers' demands for the reliability of drone components.

Multi-Cavity Rapid Molding Solution for Yogurt Cups

DEMAG PLASTICS MACHINERY (NINGBO) CO., LTD.

4.1D24



Systec C SP packaging-specific injection molding machine is powered by a high-performance electric screw, which ensures high-quality pre-plasticization and flexible synchronous operation. Combined with accumulator injection molding technology, it achieves an astonishing injection speed of over 700mm/s. In terms of energy consumption, thanks to advanced servo technology, the entire machine operates very efficiently.The 12-cavity yogurt cups total solution not only uses a ultra-responsive EtherCAT bus servo drive to significantly shorten the cycle time, but also equipped with a side-entry IML system and a vision inspection smart production line, which can automatically remove 100% of defective products without affecting the production rhythm, effectively improving production efficiency and quality while saving labor.

The latest generation of plastic and rubber injection molding machines adopts advanced **energy-saving and automation technology**. The **modular and configurable design** of these machines enhances production line flexibility, and enables diverse product outputs while meeting varied production needs.

High-Speed Preform Injection Molding System

WELLTEC MACHINERY LTD.

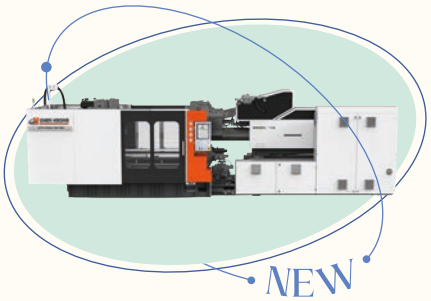
5.1C42

This is a more efficient and advanced solution for PET preform production. It can meet the efficient production of up to 96 cavity preforms. The fastest cycle time can reach 8-9 seconds, and the total daily output weight of PET preforms can be up to 10-15 tons. The surface of the preform is glossy, transparent and has good physical properties. Its AA value can be below 7. The system can meet 24-hour continuous production. The production energy consumption can be as low as 0.16kw.h/kg. The overall energy consumption including the hot runner of the mold, raw material dehumidification and drying, and cold water system can be as low as 0.42 kw.h/kg.

SM750-NTP-DMZEIII Electric Piggyback 2K

CHENHSONG GROUP

5.1B25 & 5.1C31

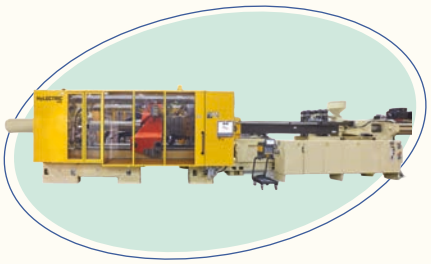


- Back-mounted structural design enables flexible switching between single and dual colors, allowing adaptation to multiple scenarios.
- Fully electric injection unit ensures high precision and stability : Driven by servo motors, it achieves a repeatable injection positioning accuracy of ± 0.01mm, effectively reducing product defect rates.
- Energy-efficient performance : With an injection speed of 160mm/s, dual high-response servo drives (0.01ms response time), and simultaneous mold opening and plasticizing, the production cycle is shortened. Overall energy consumption is reduced by 20–40% compared to hydraulic machines.

Hylectric® High Performance Packaging Molding Platform

HUSKY INJECTION MOLDING SYSTEMS (SHANGHAI) LTD.

4.1C24

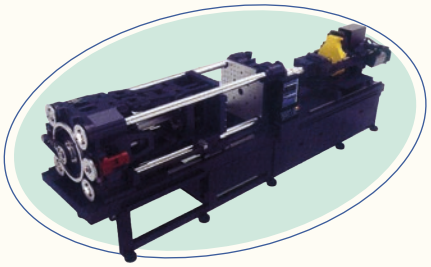


Multiple advantages : Increased energy efficiency, enhanced user experience, improved performance via reduced non-process time and optimized feeds screws yielding boosted throughput and recovery capabilities. Faster injection, higher pressure and optimal throughput enable production of demanding packaging and medical applications. Fully integrated melt stream delivery secures consistent part quality and highly repeatable molding processes. Transformative hot runner and controller expand design flexibility and boost packaging manufacturing efficiency. The new system is connected to Advantage+Elite™ 24/7 remote monitoring to alert customers with actionable insights.

[S-Concept] Shibaura Machine New Solution

SHANGHAI SHIBAURA MACHINE CO., LTD.

4.1D77



Improve the working environment to reduce human operational errors; Enhance input efficiency to maximize output efficiency; Promote greater energy conservation and environmental protection, contributing to the construction of a sustainable society

Automotive · Building & Infrastructure · Chemicals & Raw Materials · Daily Chemicals · Electronics and Electric · Food & Beverage · Medical & Healthcare · New Energy · Optoelectronics · Packaging · Recycling · Sports & Leisure · Transportation

INJECTION MOLDING MACHINES

AXTKZ25126_(16+16)Automated Manufacturing System for Large/Small Lids of Cold and Warm Cups

ACMEPLAS SYSTEM TECHNOLOGIES CO., LTD.

4.1D82

A fully automatic equipment that integrates precision injection molding, automatic fastening, stacking, and packaging. The system adopts an efficient control unit and a single-layer mold to produce two different sizes of caps with different weights synchronously in a 16 hole+16 hole layout. By accurately controlling the consistency between mold design and processing, the requirements for mold locking force of injection molding machines are reduced, energy consumption is saved, and the service life of equipment and molds is extended. The entire cycle from injection molding to fastening only takes about 6 seconds, significantly reducing labor costs.

Microcellular Foam Injection Molding

HUARONG PLASTIC MACHINERY CO., LTD.

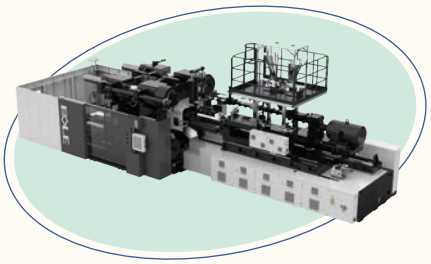
1.1D42

Microcellular foam injection molding technology offers clear advantages over conventional solid injection molding by achieving 10–30% partweight reduction, 8–20% material savings, and over 30% lower molding shrinkage, while maintaining structural strength. The key technological breakthrough lies in forming a uniform microcellular structure within the melt, which significantly reduces warpage, sink marks, and internal stress, resulting in improved dimensional stability. This technology supports lightweight and high-quality product demands for automotive interior and exterior components, electronic housings, home appliance parts, and industrial functional products.

Online Mixing Injection Moulding(LFT-D-IM)

BOLE INTELLIGENT MACHINERY CO., LTD.

5.1C52



Long Fiber Reinforced Thermoplastics Direct In-line Compounding Injection Molding (LFT-D-IM) seamlessly integrates continuous twin-screw compounding with intermittent injection molding. This process directly compounds resin with continuous fibers online and injects the mixture into the mold for single-step molding. It maximally preserves fiber length, thereby significantly enhancing the product's impact strength, rigidity, and dimensional stability while achieving excellent lightweight performance. It is the preferred advanced process for lightweight components in automotive, consumer electronics, aerospace, home appliances, and other fields.

LSR Vertical Injection Molding Multi-Color and Multi-Material Series

GUANGZHOU S-GUANGYU MACHINERY & EQUIPMENT CO., LTD.

1.1C60

Equipped with a fully computerized control system and a dual high/low-pressure hydraulic system, this machine is engineered for the precision molding of standard or specialized multi-color and multi-material products. The system supports expandable computer programming and specialized multi-station rotary tables to facilitate fully automated operations. Featuring a vertical clamping mechanism integrated with an external rotary table, it can be configured with two independent injection units. Furthermore, the inclusion of multiple independent clamping systems and separated moving platens allows for multi-color and multi-material molding even with varying mold thicknesses.

Automotive · Building & Infrastructure · Chemicals & Raw Materials · Daily Chemicals · Electronics and Electric · Food & Beverage · Medical & Healthcare · New Energy

Optoelectronics · Packaging · Recycling · Sports & Leisure · Transportation

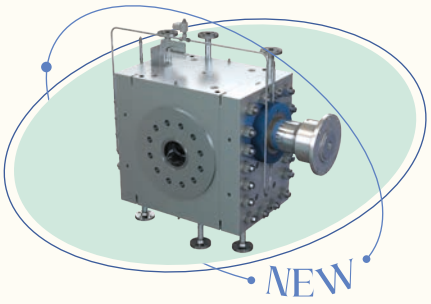
EXTRUDERS & EXTRUSION LINES

IoT and AI technologies enable extrusion equipment to undergo **intelligent upgrades,** which not only improve efficiency and quality but also meet the needs of **flexible production** and support the application of new materials, producing products with complex structures and superior performance.

BKG® PolyNeo™ EP-SF-EO Melt Pump for Extrusion and Polymerization

NORDSON CORPORATION

6.1C61

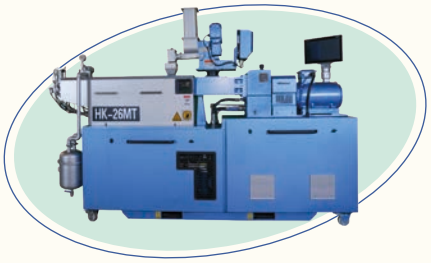


- 50% reduction in melt temperature increase : Significantly lower melt temperatures due to reduced shear in the material and more efficient pressure build-up.
- Advanced oil flow channel design : Smooth polymer processing with a more efficient melt temperature compared to conventional designs.
- 10% improved heat dissipation : Enhanced heat dissipation of the polymer, enabled by optimized design.
- Integrated bearing design for easy maintenance and replacement of spare parts.
- Optimized connection ensuring minimal residence time and optimal polymer flow velocity.

HK 26MT Twin Screw Extruder

NANJING KYMACH TECHNOLOGIES CORP., LTD.

6.1C40

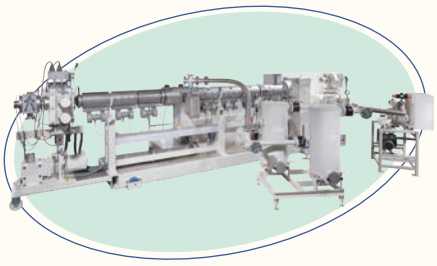


- Water-cooled permanent magnet synchronous servo motor for quieter, more energy-efficient performance.
- KYmach's self-developed high-torque gearbox with a torque density of 12.5 Nm/cm³ and a maximum screw speed of 900 rpm.
- Enlarged die head flow channel with heating rod structure for broader engineering plastic applications.
- Integrated modular design with Siemens touchscreen for intuitive operation.
- Integrated gearbox lubrication system, eliminating complex piping and reducing failure rates.

Starextruder for The Production of PET Sheet

BATTENFELD-CINCINNATI (FOSHAN) EXTRUSION SYSTEMS LTD.

7.1B16



- Starextruder for the production of PET sheet, starEX 120-40-C.
- For material of A-PET/G-PET/r-PET/PLA/PP/PS, regrind up to 70%.
- Integrated automation system of BCtouch UX for film or sheet extrusion lines.
- High vacuum system for venting of PET 800 to 1200 kg/h.

World's Leading PVC-U 2000mm Large-Diameter Pressure Pipe Extrusion Solution

SHANGHAI JURRY PLASTIC MACHINERY CO., LTD.

7.1C10

With a high-torque parallel twin-screw extruder(2.5t/h), optimized large-diameter pipe die, stable vacuum calibration & cooling system, and intelligent online diameter and weight-per-meter control, we achieve.

- Pipe range : DN1000–DN2000
- Applications : municipal water supply & drainage, long-distance water transmission, etc.
- High filler loading, high output, and low energy consumption
- Excellent dimensional stability, uniform wall thickness and outstanding ring stiffness

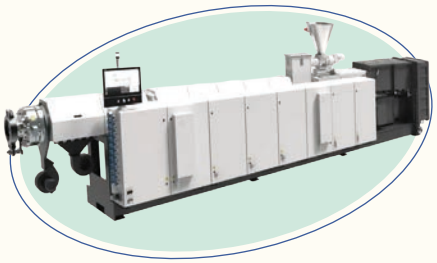
EXTRUDERS & EXTRUSION LINES

Twin Screw Extruder Parallel - for Pipe Extrusion

HANS WEBER MASCHINENFABRIK GMBH

2.1J27

With WEBER DS Line, equipped with the approved and efficient WEBER drive technology and the new, revolutionary IF-screw® technology, you will be able to design your pipe production even more economically. The latest generation of extruder screws is characterized, in particular, by excellent plasticization, homogenization and dispersion – also in case of plastic materials that are difficult to process.



EC Series Twin Screw Extruder

USEON TECHNOLOGY LTD.

6.1B46

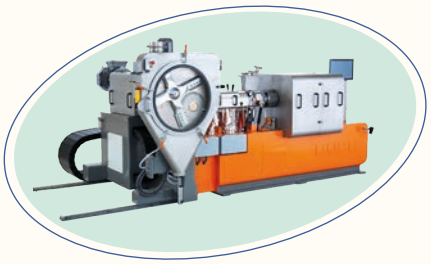
The EC Series is an energy-efficient twin-screw compounding platform designed for conventional modification, color masterbatch, and general-purpose applications. It features stable torque transmission, optimized screw configurations, and reliable temperature control to ensure consistent product quality. The mature mechanical structure, ease of operation, and low maintenance requirements make the EC Series highly cost-effective, making it ideal for production scenarios with integrated demands for cost and energy efficiency.

COMPEO

BUSS AG

2.1F27

The new state-of-the-art compounder delivers more diversity in its application, greater flexibility in process engineering, and increased value added in compound manufacturing. Flexible, this is the promise of our new COMPEO compounder generation for the polymer and plastics industry. COMPEO is the new, ultra-modern compounder with twin screw extruder from BUSS, which offers more variety in application, more flexibility in process engineering and a higher added value in compound production.



ZSK Pharma Extruders

COPERION GMBH

2.1F98

First-class twin screw extruders for continuous mixing of pharmaceutical active ingredients. Coperion is pioneer in the development of high-end closely intermeshing, co-rotating twin screw extruders. We possess a unique know-how and an extraordinary wealth of experience in this continuous production process. Since the beginning of pharmaceutical extrusion we have continuously set new standards in the continuous manufacturing of pharmaceutical products with our special ZSK pharma extruders. This begins with special applications on a laboratory scale and extends right through to continuous pharmaceutical production systems.

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BLOW MOLDING & THERMOFORMING MACHINES

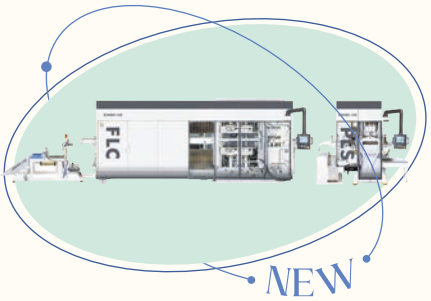
Blow molding and thermoforming technologies are developing towards **intelligence, efficiency, low carbon footprint, and multi-functionality**. These innovations enable manufacturers in the food, beverage, and chemical sectors to produce high-precision, rapid-turnaround **packaging with superior barrier properties**. Simultaneously, they support the automotive and new energy industries in developing **lightweight, structurally integrated components** essential for modern efficiency standards.

Faster Lunch Box Thermoforming with Reduced Operator Workload

ASANO LABORATORIES CO., LTD.

8.1B40

No more stopping the machine or reaching inside to adjust trimming positions. Simply feed the sheet and press one button to align and start continuous production. Our unique system features separate forming and trimming units. After forming, the sheet is released to allow natural shrinkage, then precisely trimmed with a mold designed for the calculated shrinkage rate. The result is accurate trimming with zero misalignment, improved safety, and dramatically reduced operator workload. Discover fast and reliable production — engineered for efficiency.



Thermoforming Machine RDF 85

ILLIG PACKAGING SOLUTIONS GMBH

2.1F62

The RDF 85 in ILLIG's new RedLine segment was developed specifically for your market and is the flexible revolution in formed part production. The high quality and safety standards of the well-known ILLIG BlueLine thermoforming systems also apply here.

Automatic Injection Blow Molding Machine

JIANGSU VICTOR MACHINERY CO., LTD.

8.1C09

Injection Blow Molding Machine adopts an accurate rotary three-station design. Once the preform injection is done, it rotates to the blowing station and then to the demolding station. Finished products can be directly packaged or conveyed for the next step. It's suitable for PE, PP, PS, etc material, bottles with volumes ranging from 1ml - 2L. The I.B.M bottle has a perfect neck finish and uniform body thickness, without flash and scrap materials. It is ideal for high-standard packaging needs in industries such as pharmaceuticals, chemicals, personal care, and food, making it a professional solution for high-efficiency packaging manufacturing.

ZB80-50 Full Servo Plastic Cup Thermoforming Machine

SHANTOU AUTO PACKAGING MACHINERY CO., LTD.

6.1A01

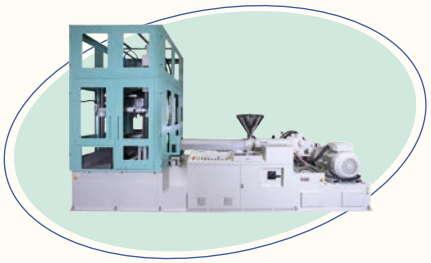
- Equipped with 8 times index heating, fast speed production as titling model
- Performance well complete with own machining mold
- Classic model production capacity like titling model
- Good for plastic cups and bowls

BLOW MOLDING & THERMOFORMING MACHINES

AL-500LL-50S

AOKI TECHNICAL (FOSHAN) LABORATORY, INC.

8.1C36

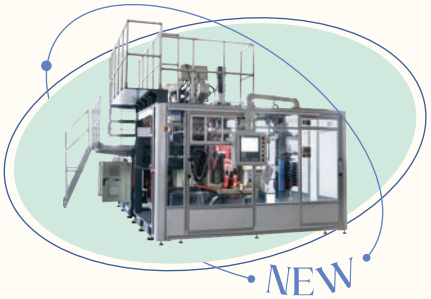


The AL-500LL-50S is the latest AL series model developed by Aoki. AL series has achieved innovative molding cycle time efficiency, and the product has been upgraded on the basis of the original widely used machine SBIII-250LL-50S. AL series can meet the diversified demands of the market in the near future, and a more suitable plasticizing device is combined to meet the needs of the products. It is characterized by high added value : High speed mold release, high plasticization, flexibility.

All-electric Six-Layer Blow Molding. Energy-saving, Efficient and Stable

AKEI PLASTIC MACHINE MFG LTD.

1.1D72

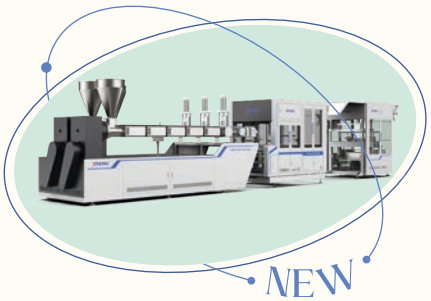


All-electric six-layer blow molding machine is suitable for production of 20L stackable jerry can. With a layer of EVOH added, it is now a good choice for industries with barrier requirements. Wall thickness can be further optimized with PWDS, which means a lighter weight of product can be achieved. Akei AE machines are more energy-saving, efficient and stable. Our innovative mold clamping structure enables substantial clamping force with electric drive, while the conformal cooling channel design in molds significantly enhances production efficiency.

One Step Method Automatic Blister Assembly Line

ZHEJIANG XINGFENG MACHINERY CO., LTD.

1.1T11



- The machine can be adjusted within one minute and the mold can be changed within 15 minutes, which greatly improves the production efficiency.
- After a mold change, manual adjustment and punching are eliminated by the automatic correction technology, achieving a higher level of automation.
- Upgrades to the servo precision feeding and the implementation of two-stage speed control in the stretching upper die ensure more uniform sheet stretching.
- Lower energy consumption and higher output.

AD7252 Automatic Positive and Negative Pressure Thermoforming Machine

SHANTOU ADWO MACHINERY TECHNOLOGY CO., LTD.

2.2B81

- Advanced European mechanical structure and processing technology, casting high quality equipment.
- Adopt new quick die changing device to improve production efficiency.
- The forming and cutting station used solid ductile iron process equipped with servo-driven fulcrum linkage and crank arm device which is high speed, accurate and stable.
- Whole-area space radiation intelligent temperature control system is energy-saving and efficient.
- Application : Disposable products such as fast food boxes, bakery boxes and medical packaging, etc.

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FILM TECHNOLOGY & PLASTIC PACKAGING MACHINES

The iterative advancement of **multi-layer co-extrusion and biaxially oriented film production** line technologies is empowering **lithium-ion battery safety protection, photovoltaic and photoelectric efficiency enhancement**, and **lightweighting technologies for electric vehicles (EVs)**. The integration of **bio-based materials** and **AI monitoring** systems facilitate breaking through core technological barriers, continuously driving the industry's green low-carbon transformation and upgrading of high-end manufacturing capacity.

EVO GEN3 Blown Film Line

REIFENHÄUSER GROUP

3B25

EVO GEN3 sets a new performance benchmark in blown film production. Delivering up to 1,050 kg/h with a 350 mm die, it boosts throughput by up to 30%, thanks to new Ultra Dies and the Ultra Cool GEN3 cooling ring. Smart automation in the new EVO OS 3 empowers even inexperienced operators, while Auto Flat makes film flatness measurable and perfectly adjustable. With rapid restarts, advanced connectivity, and future-ready digital architecture, EVO GEN3 maximizes OEE and strengthens producers' competitiveness.

7 Layer Blown Film Extrusion Line for Mono Material Barrier Film

MACCHI S.P.A

3D29

- This line is able to manufacture barrier film with an EVOH layer as thin as 1 µ, that is to say equal to 4% of the total film thickness.
- This means that the film is considered as mono-material and fully recyclable, and still guarantees very good values of oxygen permeability.
- This development allows the converters to offer fully recyclable, environmentally friendly, high value mono-material barrier film, even laminated with reverse-printed MOPE films.

Frozen Food Solution - Sealable MDO-PE Pouch

WINDMÖLLER & HÖLSCHER GROUP

2.1G61

MDO-PE : More than PET replacement

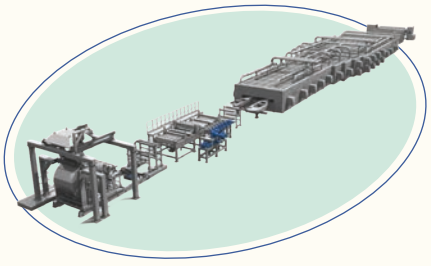
- Excellent bag integrity even at thinner gauges.
- No lamination process involved.
- Drop resistance proven at low temperatures.
- High performance PU surface printing

Specialty Film Production Lines for Biaxial and Uniaxial Stretching

BEIJING RESEARCH INSTITUTE OF AUTOMATION FOR MACHINERY INDUSTRY

2.2F77

RIAMB has successfully completed the construction of multiple high-quality film production lines, including biaxial oriented polyester (BOPET), synchronous/asynchronous biaxial oriented polyamide (BOPA), and polyvinyl alcohol (PVA) optical films. These lines meet demanding technical specifications such as a web width of 7.4m, thickness ranging from 3µm to 400µm, and operating speeds of up to 400m/min. RIAMB provides robust technological and industrial support for specialty film manufacturers.

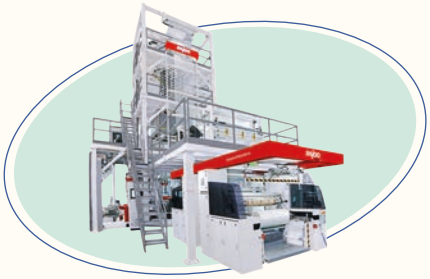


FILM TECHNOLOGY & PLASTIC PACKAGING MACHINES

Plastics Film Extrusion Machine

RAJOO ENGINEERS LTD.

3D17



Advanced film & sheet processing solutions delivering higher output, superior gauge control, and lower energy use compared to traditional systems, backed by precision-engineered screws and intelligent automation. The key breakthroughs include optimized melt flow, digital process monitoring, and hybrid cooling technologies that enhance consistency and reduce waste. These innovations significantly improve end-product clarity, strength, and surface finish to meet demanding consumer applications. The systems can produce a wide range of end-products including packaging films, rPET sheets, thermoformed containers, laminates, and specialty industrial films.

Blown Film Line

COSTRUZIONI MECCANICHE LUIGI BANDERA S.P.A.

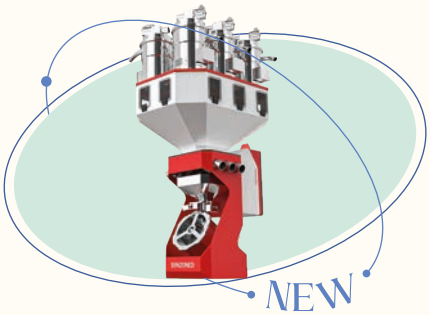
3D25

Barrier FLEX® – Blown Film Lines for the production of barrier and high-barrier film with symmetrical and asymmetrical film structures (7, 9 and 11 layers). Coextrusion lines of this series are intended for customers manufacturing top-notch high-barrier technical film for food, medical, pharmaceutical and several mechanical (e.g. automotive) applications. Additionally, Bandera offers extrusion lines capable of ensuring minimized curling effect in case of asymmetric film structures.

Multi-Layer Blown Film Machine

WUHAN XINZHONGDE PLASTIC MACHINERY CO., LTD.

3C32

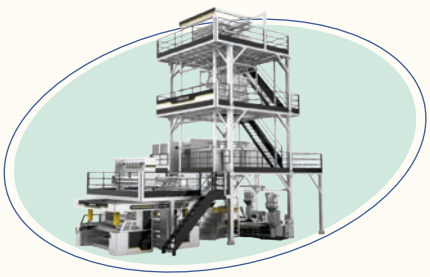


SXGM-B series co-extrusion film production line adopts advanced technical equipment such as new high-yield die head, automatic air ring, online thickness measurement and gravimetric dosing blender with loss-in-weight control system, which features high automation, high production efficiency and precise control of film thickness and uniformity, fully meeting user requirements for both production quality and capacity.

Five-Layer Co-Extrusion Medical and Hygiene Packaging Film Blowing Machine

GUANGDONG CORSTAR MACHINERY TECHNOLOGY CO., LTD.

3C36



The five-layer co-extrusion medical and hygiene packaging film blowing machine is designed specifically for the medical and hygiene industries. Utilizing five-layer co-extrusion technology, it produces multi-functional films with high cleanliness, high barrier properties, and high strength. The equipment meets medical-grade standards and is suitable for applications such as medical packaging, hygiene materials, and protective products, ensuring safety, hygiene, and high performance to meet stringent medical packaging requirements.

FILM TECHNOLOGY & PLASTIC PACKAGING MACHINES

FFS Heavy-Duty Bag Blown Film Production Line

HAN KING MACHINERY CO., LTD.

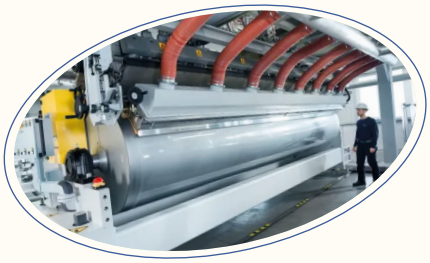
3B26

- The film boasts high moisture resistance, excellent sealing performance, high strength, high rigidity, impact resistance, and puncture resistance.
- Suitable for packaging various heavy raw materials, such as plastic pellets, grains, fertilizers, sugar, salt, granular, and powdery goods.
- Improves the stability and safety of pallet stacking, allowing for more secure stacking of goods and increasing stacking height.
- The smooth surface results in clearer and more aesthetically pleasing printing.

Barrier Film Lines

SML MASCHINENGESELLSCHAFT MBH

2.1A56

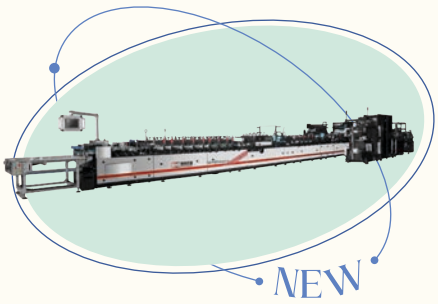


The ultimate film mix for long-lasting shelf lives. Barrier films are irreplaceable when it comes to packaging highly perishable fresh food products like meat, cheese or fish. Targeted use of different raw materials in the layers of a multi-layer packaging film helps to form the ideal barrier against oxygen, water vapour or external odours. This makes it possible to ensure that fresh goods enjoy a long shelf life.

Modified Quad Seal/Flat Bottom Pouch Making Machine

SHANGHAI ZHOUTAI LIGHT INDUSTRIES MACHINE MANUFACTURING CO., LTD.

3B36

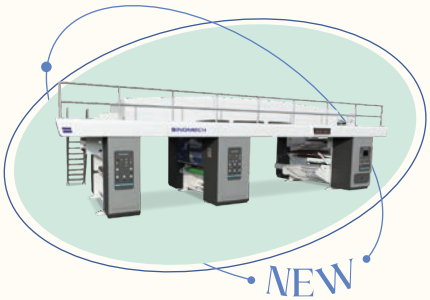


Modified Quad Seal/Flat Bottom Pouch Making Machine is specialized equipment designed for lightweight square-bottom packaging. It features extremely low operating noise, high production speed, and easy maintenance. The compact design facilitates process adjustments, shortens setup time, and reduces material waste during startup. This machine serves a wide range of industries, including food, beverage, and pet care packaging.

A400 Triplex Combi Laminator

SINOMECH CORPORATION

3B54



- Solventless + dual-mode coating and dry lamination.
- Adopt micro-environment control.
- Adopt a digital dynamic energy and carbon measurement system.
- Single-machine solvent recovery system

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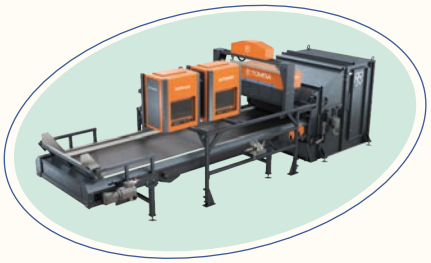
RECYCLING MACHINES

AUTOSORT™ with GAINnext™

TOMRA SORTING TECHNOLOGY (XIAMEN) CO., LTD.

ND08



Achieve new heights in sorting accuracy with GAINnext™ – a complementary technology to our world-class AUTOSORT™ machine. This intelligent sorting system combines sensor-based material identification and AI-based object recognition for outstanding performance. With its integrated sensor data and deep learning algorithms, recyclers benefit from even higher purity results.

Meyer Recycling Sorting Intelligent Agent Matrix

HEFEI MEYER OPTOELECTRONIC TECHNOLOGY INC.

ND24

Meyer's "Recycling Sorting Agent Matrix" harnesses advanced AI, IoT, and big data to revolutionize plastic sorting. This intelligent system features five specialized agents for comprehensive quality control, from raw material inspection to final product analysis. It achieves breakthrough precision in separating complex materials and minute impurities as fine as 0.5mm, effectively overcoming the industry's "down cycling" challenge. With capabilities for smart perception, decision-making, and self-recovery, the matrix enables fully automated, unmanned operation. This ensures consistent production of high-purity recycled plastics that meet stringent standards for high-value applications.

PET Tray-to-Tray Recycling System

ZHEJIANG BORETECH ENVIRONMENTAL ENGINEERING CO., LTD.

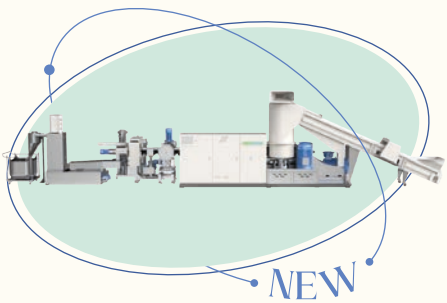
ND16

- Thorough Material Loosening – Efficiently loosens highly-compacted bales without material breakage.
- Intensive Hot Washing – >90% removal of adhesive labels and glue.
- Mega Aspirator – >99% label separation with <1% flake carryover.
- Enhanced Yield – Reduces PET material loss to ≤5%.
- Final output meets FDA & EFSA food-grade rPET standards - Adhesive Contamination : <1000 ppm and PVC Content : <50 ppm.

Powerful Triple Exhausting Plastic Pelletizing System

SUZHOU POLYRETEC MACHINE CO., LTD.

NB12



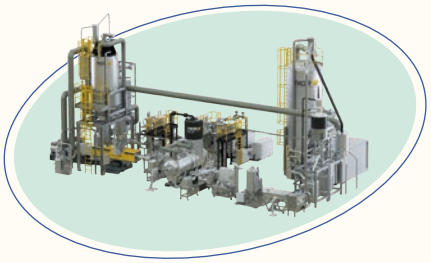
- Top level exhaust, filtration, and homogenization system ensure lower shear force before filtration to improve filtration performance. Efficient and uniform mixing after filtration and before exhaust enhances subsequent exhaust performance and improves melt characteristics.
- Intelligent control, efficient and energy-saving, stable and high-yield. PLC automatic control, fault alarm. Electromagnetic heating saves 30-70% energy. For heavy printed films and materials with high moisture content, efficient output can still be maintained.
- Flexible configuration. Multiple layouts to choose from, suitable for various types of raw materials.
- Durable and reliable. High quality alloy steel, durable and wear-resistant.

Recycling machinery improves recycling efficiency and the performance of recycled plastics through **intelligent technology**. Physical and chemical recycling technologies are being deeply integrated with sustainable design, promoting the **same-level recycling and high-value application of recycled plastics** and putting forward-looking closed-loop solutions into practice.

Plastic Recycling Solutions

NGR NEXT GENERATION RECYCLINGMASCHINEN GMBH

2.1F45

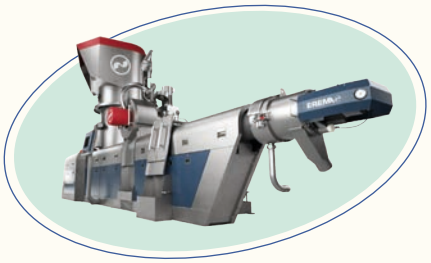


NGR recycling machines are built to recycle waste generated by plastics processing companies and give plastics a "second chance" at the end of their product life cycle. The company stays on the cutting edge of technology by continuously developing and improving plastics processing and machine components. Pushing the plastics industry as technology leader NGR is enforcing the change to a circular economy to preserve plastics as valuable raw material as long as possible for the next generations.

INTAREMA Regrind Pro

EREMA

2.1B58



INTAREMA RegrindPro offers the ideal solution : Extremely gentle processing in combination with high-performance filtration. Thanks to the thorough warming-through of the input material in the preconditioning unit and a particularly gentle operation of the universal screw, polymers with an extremely wide range of melting points and energy contents can be universally processed. At the same time, foreign material is effectively removed. For end products with top functional characteristics in terms of mechanical properties, surface quality, dyeability, odour, etc.

DODGEN Melt Crystallizer

SHANGHAI DODGEN CHEMICAL TECHNOLOGY CO., LTD.

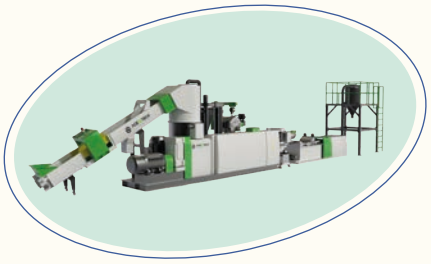
2.1A51

DODGEN's Swirling Falling Film Crystallizer achieves 99.999% purity with energy consumption at just 15-35% of traditional distillation. Its patented swirling film distribution and multi-zone heat exchange design, integrated with fully automated DCS control, enable efficient continuous production. This technology significantly cuts operational costs while providing electronic-grade raw materials, breaking foreign monopolies. It purifies key feedstock for biodegradable plastics (PLA/PGA), lithium battery electrolytes, and nylon monomers, enhancing end-product competitiveness and driving industrial upgrading in advanced materials and electronic chemicals.

High Efficiency Filtration Integrated Single Screw Recycling Pelletizing System

SUZHOU ACERETECH MACHINERY CO., LTD.

ND18



A dual filtering system is implemented on an extruder, which has perfect filtering effects for recycled materials with relatively high impurity content. For example, the final LDPE pellets can reach the application of blown film level or higher. On this extruder, the first self-developed self-cleaning filter developed by Aceretech eliminates the tedious manual screen change and automatically cleaning and slagging; The second super-large area double-column screen changer extends the screen change time and reduce the changing frequency, also can be replaced with different precision filters to achieve different application requirements.

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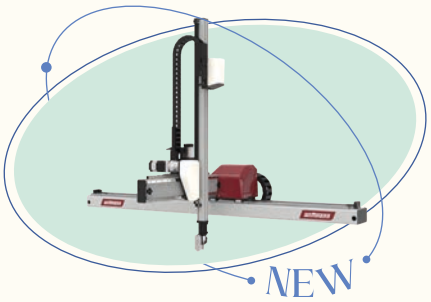
AUTOMATION TECHNOLOGY

Primus 118 Robot

WITTMANN BATTENFELD (SHANGHAI) CO, LTD.

4.1D41

With the new Primus 118, WITTMANN extends the range of application of its Primus linear robots for injection molding machines of up to 250 tons . While the maximum load capacity of Primus robots in this size range was previously five kilograms, the new size 118 offers a choice of load capacities between six to eight kilograms. The new Primus 118 increases flexibility and supports efficient working methods. It saves time both during programming and operation.



Magnetic Clamp with More Safety

KOSMEK (CHINA) LTD.

1.1D45

Features the "Lightning Controller" that reduces energy consumption by 50%—higher efficiency, greater safety.
Newly available with two functional models :

- Clamping Force Self-Diagnosis Model (Real-time monitoring, smart alerts)
- Clamping Force Verification Model (Precise calibration, reliable locking)

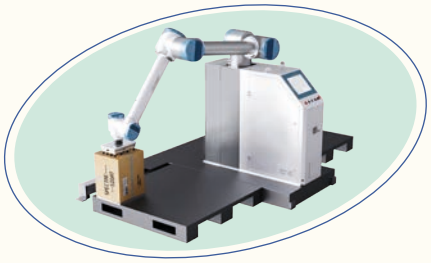
MIMS Goal : Zero Accidents · Total Protection

30kg High-Payload & High-Cycle Palletizing Cobot

ROBOTIC TECHNOLOGY (GD) CO., LTD.

4.1D81

- High Payload & High Cycle : Flexible cobot for palletizing, with a speed of 9pcs/min and stable operation.
- Easy Operation : Graphical programming, simple and efficient — master the programming method in 30 minutes and complete basic programming in 1 hour.
- Flexible Deployment : Integrated design for lightness and flexibility — finish installation and commissioning in 1 hour.
- This palletizing workstation is safe and reliable, serving as an ideal logistics assistant to replace manual labor. It features stable performance, high sensitivity, strong anti-interference capability and long service life.



Polymer PVT Tester

GOTECH TESTING MACHINES INC.

5.2F21

The PVT-6000 is designed to analyze specific volume as a function of temperature and pressure.It provides significant data for optimizing the injection molding process through constant or stepwise variations in temperature and pressure. This instrument assists manufacturers in reducing defects generated during the injection molding process, including shrinkage, sink marks, warpage, and bubbles.

Innovative automation solutions encompass **fully automated production lines**, **AI technologies**, **data analytics**, **vision inspection systems**, **system integration**, **and collaborative robots**. Together, they enable real-time monitoring and empower enterprises with data-driven decision-making capabilities.

ResinWorks™ with Optimizer Uses AI to Manage Resin Drying Airflows, Throughputs for Energy Savings

CONAIR TRADING (SHANGHAI) CO., LTD.

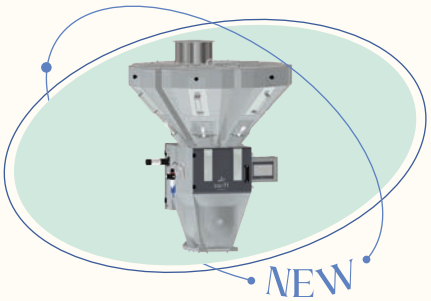
5.1B19

ResinWorks with Optimizer™ is a new AI-driven feature developed by Conair for its centralized multi-hopper drying system. It automatically controls resin temperature and throughput during the drying process, ensuring optimal processing conditions while preventing over-drying and reducing energy consumption. Using advanced AI algorithms, Optimizer continuously monitors resin flow and temperature in each hopper and automatically adjusts airflow to achieve dynamic balance. Tests have shown energy savings of 10 to 40%, with a highly reliable design that requires no complex sensors. Even with just 10% energy savings, the system can pay for itself within one year.

sBLEND G XL

MOTAN TAICANG CO., LTD.

4.1F42

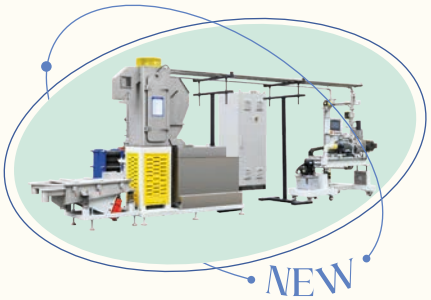


Flexible 2-6 component blending, precisely dosing virgin, regrind, and masterbatch materials. Featuring closed-loop control with error compensation and a patented mixing chamber, it ensures accurate ratios and homogeneous mixing. Dual weighing units boost throughput and continuity. The 7-inch touchscreen supports multiple languages, 99 recipes, and data traceability. With standard Ethernet, it integrates with MES/ERP for remote monitoring and digital production management, supporting smart manufacturing upgrades.

SX-Underwater Pelletizing System

TAIZHOU KEFEI RUBBER-MACHINE CO., LTD.

6.1B41



The Seventh-Generation Intelligent Underwater Pelletizing System. Building upon the original underwater cutting technology, this equipment achieves breakthroughs through its independently patented temperature control module and dynamic balancing system. It successfully overcomes industry challenges in processing high-temperature nylon, PET, and various fine-particle pellets, enabling comprehensive coverage from general-purpose plastics to special engineering plastics. It meets the high-quality underwater pelletizing demands of over 90% of polymer materials.

G-Mation P6

GEFRAN SPA

2.1F91

G-Mation is an open and scalable automation platform designed to simplify complexity for machine builders. Based on the IEC 61131-3 standard, it ensures continuity with Gefran's existing application portfolio while introducing a Docker-based architecture that enables functionalities to be added as apps, without impacting real-time process control performance. The platform relies on EtherCAT communication, supports flexible network topologies, and ensures compatibility through CANopen and Modbus masters. Integrated web-based visualization is scalable to any display and comparable to modern web and app user experiences, making G-Mation suitable for both new machines and retrofitting existing plants.

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PRE, POST & OTHER PROCESSING MACHINES

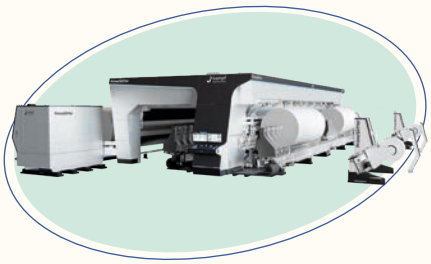
AI detection, **digital twin technology**, and other innovations significantly enhance product quality and precision. **Multi-station integrated equipment and smart factories** not only boost production efficiency and reduce labor dependency, but also meet the application of innovative and environmentally friendly materials.

Primary Machines Reaching New Dimensions

KAMPF GMBH

2.1G62

The enhanced PrimeSlitter CHRO is designed for processing BOPP and BOPET films. With an unprecedented working width of up to 12.3 meters and already prepared for future widths of up to 13 meters, a speed of 1,500 m/min, and unwinders handling roll weights of up to 40 tons, this machine redefines precision and productivity in slitting technology.



CAI High-Speed Printing Machine with Visual Inspection Solution

SUZHOU CAI MACHINE GROUP CO., LTD.

8.1C35

CAI's "High-speed Printing Machine + Visual Inspection" intelligent solution enables 100% full inspection during production, reducing defective product rates to save costs and improve efficiency.

- Precise and Comprehensive Detection : Covers common defects such as printing mistakes, color differences, and stains.
- Closed-loop Quality Control : Adapts to high-speed production lines, inspecting both product forming and printing ends simultaneously.
- Reduce QC labor cost.
- High-Speed Inspection at speeds up to 600 units/min.

NEXHEAT 300 A-LP

LEISTER TECHNOLOGIES LTD.

6.1G55

The NEXHEAT 300 A-LP wireless heat gun provides precise temperature control from 50 to 500 °C (122 °F to 932 °F) and is adjustable in 5 °C (41 °F) increments. The air volume is adjustable in five stages and makes the device ideal for welding, shrinking or deforming plastics.

The battery operation ensures full freedom of movement without tripping hazards or the search for power sources. Whether in production halls or on the construction site, relocation is wireless and flexible for greater efficiency in mobile applications.

Laboratory Roto Molding Machine

AHP PLASTIK MAKINA SAN.VA TIC. LTD.

5.2C37

- Oven diameter 600mm
- Max Temperature 300°C
- Max rotational speed 30rpm
- Mold as per customer request
- Mold material; aluminum and pyrex
- Aperture on oven for IR temperature measurement of mold surface
- Sliding mold movement into oven
- Control panel based on PLC

MOLDS, DIES & COMPONENTS

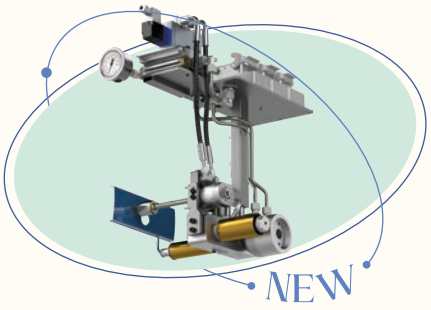
The Die & Mould Zone covers professional solutions for the entire process **from design and manufacturing to application**. **Precise** and **efficient cutting-edge mold technology** is empowering various industries to achieve a double leap in efficiency and quality.

Hot Runner System with Heat-INject™ Technology

INCOE HOTRUNNERS (SHANGHAI) CO., LTD.

5.2F46

The INCOE Heat-INject™ Hot Runner System employs a movable tempering stamp to deliver precise heat pulses to the mold cavity. It effectively prevents or improves weld lines and flow marks, addresses filling challenges in thin walls and living hinges, and enhances part surface quality. This system offers rapid response, low energy consumption, and comes as a pre-assembled, plug-and-play module for easy installation and streamlined production.

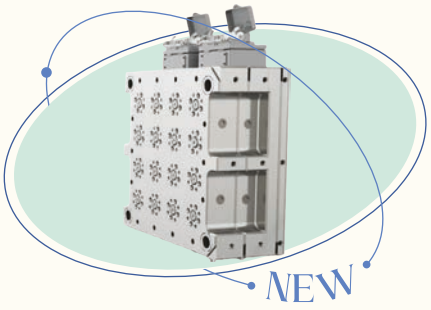


DEXA Simultaneous Direct Side Gating Solution

MOLD-MASTERS CO., LTD.

5.2F10

Simultaneous direct side gating solution of up to 4 cavities per drop point for enhanced part quality. Ideal for high cavitation molds producing deep draw medical parts such as lancets, pen injector components, needle shields and more.

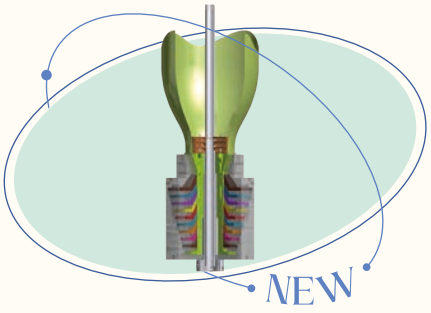


10 Layer Barrier Film Die

HORNG TAIR

3D21

In structures with ten or more layers, the barrier material is no longer concentrated into a single thick layer, but rather dispersed into multiple extremely thin sublayers, each only 2–3 µm thick. This reduces the amount of EVOH/PA used and, through interlayer synergy, significantly enhances the barrier effect. Symmetrical designs provide stability in appearance and stress, while asymmetrical designs allow for offsetting or flexibly configuring the barrier layers to reduce the use of expensive materials while improving heat-sealing and anti-curling properties. This helps customers achieve ultimate cost optimization.

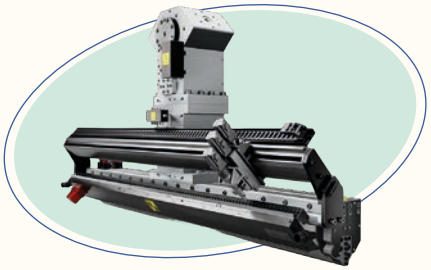


Integrated Intelligent Precision Die

ZHEJIANG JING CHENG MOLD MACHINERY CO., LTD.

6.1B40

Precise Control, Micron by Micron! Intelligent control meets precision, seamlessly integrating efficiency and accuracy. With the precision and controllability of cutting-edge technology, we empower high precision manufacturing and automated production, ensuring flawless operation for "Dark Factories".



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GENERAL PLASTICS, ENGINEERING PLASTICS & HIGH PERFORMANCE MATERIALS

Envalior Stanyl® PA46 High-flow, Ultra-thin Bobbin Insulation Over-molding for E-motors

ENVALIOR ENGINEERING MATERIALS

7.2C61

Using Stanyl® PA46 instead of traditional engineering plastics, insulating sheets, or epoxy coatings as the E-motor insulation layer, It can be easily injection molded to a thickness of 0.3mm. It offers high-temperature resistance, faster heat conduction in thin walls, higher slot fill factor, reduced material usage, system lightweighting, and high power output. Additionally, Stanyl® PA46 with high glass-fiber content provides excellent wear resistance, high toughness, and strength, ensuring a more robust and secure winding structure.

Exceed™ Tough PP4092, Excellent Toughness, Optics and Heat Resistance ICP

EXXONMOBIL (CHINA) INVESTMENT CO., LTD.

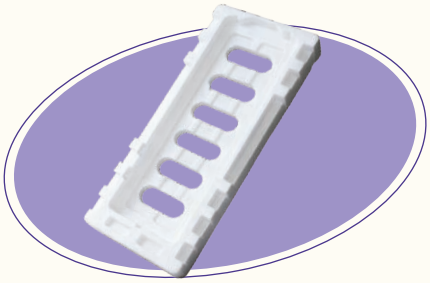
6.2C31

This product is ICP (impact copolymer polypropylene) film grade, which has excellent toughness, heat resistance and optical performance. It is suitable for use in food packaging (such as retort pouches) and industrial packaging (such as surface protective films with heat resistance and toughness requirements) .

RC EPS

QINGDAO GON TECHNOLOGY CO., LTD.

7.2C96



GON's innovative recycled expandable polystyrene (r-EPS) employs a chemical regeneration process, offering a breakthrough compared to physical methods with enhanced stability, strength and energy efficiency. This material substantially cuts carbon emissions and white pollution, enabling a circular model that reduces raw material costs. Its excellent thermal insulation and compression resistance make it suitable for cold chain containers and high-end packaging. These properties help maintain the quality and safety of perishable goods in transit while improving end-product aesthetics and user experience, meeting market needs for both sustainability and performance.

PE-RT II Borstar® HE3477-RT

BOROUGE PTE LTD.

6.2C32

Borstar® HE3477-RT is a new type of PE-RT II bimodal material developed by Borouge using Borealis Borstar technology, copolymerized from ethylene and hexene. It offers higher pressure resistance at elevated temperatures and a service life of over 50 years, gradually replacing traditional metal materials in industrial applications such as high-temperature radiator heating, reinforced thermoplastic pipes (RTP), and especially district heating systems. HE3477-RT offers excellent corrosion resistance, low thermal conductivity, and superior mechanical properties.

Performance enhancements in modified and engineering plastics - such as **higher strength**, **lightweight design**, and **improved weather resistance** - are reshaping high-end manufacturing while reducing costs. **Nanotechnology** and **novel additives** bring self-healing, thermal and electrical conductivity, and other benefits, **contributing to industrial upgrading and sustainable transformation**.

Teijin Leverages Solvent-based Recycling Process to Develop High-quality Polycarbonate Resin

TEIJIN LTD.

7.2C54

Teijin dissolves the material in a solvent to remove impurities and make it a reusable polymer. In this way, Teijin can recover its properties, including transparency, comparable to native PCs. PC resin produced by solvent-based recycling has high transparency, making it suitable for closed-loop and horizontal recovery. For example, recycling discarded car headlights for new ones or other clear parts. Additionally, since solvent-based processes do not involve breaking down materials into chemical compositions, costs and CO2 emissions can be reduced compared to PC resins produced from chemical recycling.

Next-generation Solid-state Battery Pack

BASF

7.2C41

The battery pack incorporates innovative material solutions from BASF, including engineering plastics (Ultramid®, Ultradur®) and polyurethanes (Elastolit®, Elastoflex®, Elastan®, and Eastocoat®), which contribute to vehicle weight reduction, thermal management, and enhanced safety performance in electric vehicles (EVs).

NematX Unlocks LCP's Injection-molded Performance with 3D Printing

DAICEL CORP. (FORMERLY POLYPLASTICS)

7.2C75

NematX's Nematic 3D Printing, using Polyplastics' LAPEROS® LCP, is a factual breakthrough. Its core function is controlling LCP's molecular orientation during the printing process. This directly overcomes the critical Z-axis (inter-layer) weakness inherent in traditional FFF/FDM, achieving mechanical properties that approach those of injection-molded parts. This process unlocks LCP's true material advantages : extreme strength-to-weight ratio, superior high-frequency electrical performance (low Dk/Df) for 5G/6G, and near-zero thermal expansion for dimensional stability. It enables the direct manufacturing of complex, functional end-use components where performance is non-negotiable.

PESU (Polyethersulfone)

SHANDONG HORAN SUPER ENGINEERING PLASTICS CO., LTD.

7.2B13

Polyethersulfone (PES) resin, brand name E100HD, is designed for hemodialysis membranes used in blood purification. It is produced through an ultra-refined process for the medical field. It has passed the ISO10993 and GB/T 16886 biological tests and has been used in medical clinical trials in collaboration with downstream manufacturers. Polyethersulfone toughening agent resin is widely used in toughening thermosetting resin systems and has promising applications in aerospace, high-end electronics, high-end prepregs, and low-altitude economy. The product technology has broken through the control of resin particle size and can stably produce with D90 below 40um in batches.

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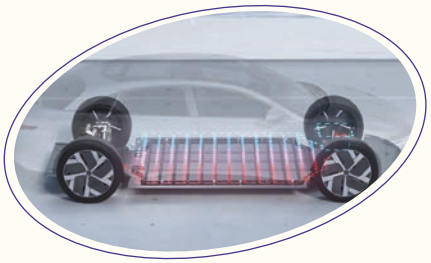
GENERAL PLASTICS, ENGINEERING PLASTICS & HIGH PERFORMANCE MATERIALS

Thermal Management with Tubing Systems from Evonik VESTAMID® Polyamide 12

EVONIK SPECIALTY CHEMICALS

7.2C31



Evonik VESTAMID® PA12 delivers high-performance thermal management across multiple sectors. In BEVs, it supports in-vehicle and battery pack cooling loops for efficient heat control. For energy storage systems (ESS), PA12 enables robust multi-level cooling lines with large-diameter tubes, ensuring durability and safety. In data centers, multilayer PA12 tubing offers thin walls, corrosion resistance, V0 fire rating, and low ion leaching, combined with laser-welded connectors for fast installation and CAE-based flow optimization. Compared to EPDM, PA12 is 50% lighter, stronger (~40 MPa tensile), with superior abrasion resistance, high burst pressure, and efficient extrusion.

ECOTRIA CR Sustainable Solution

SK CHEMICALS CO., LTD.

7.2D80

ECOTRIA CR is a circular recycled copolyester produced through chemical recycling. This process can increase the recoverable volume of plastic waste to up to three times current levels. By purifying materials at the monomer synthesis stage, ECOTRIA CR can utilize a wider range of low-quality plastic waste, including colored bottles, films, and textiles, which are difficult to process through conventional mechanical recycling.The high-quality recycled material of ECOTRIA CR is comparable to virgin plastic, offering high transparency and low shrinkage, fully covering existing PETG/PCTG application areas.

Unsintered PTFE Wrapping Tape

SHANDONG SENRONG NEW MATERIALS CO., LTD.

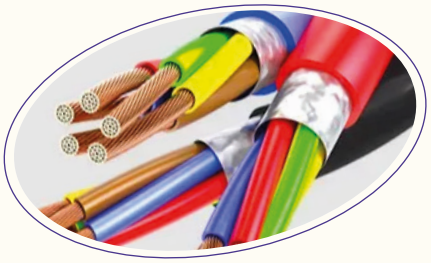
4.2E107

PTFE unsintered tape wrap is designed for high-frequency/high-power cables. It outperforms sintered tape with 10% thermal shrinkage for stability, plus lower dielectric constant and higher dielectric strength for low-loss transmission. Its unsintered process ensures uniform electrical, thermal, and mechanical properties, improving manufacturing consistency and reducing waste. The material provides cables with a smooth finish, flexibility, and fatigue resistance, enhancing durability and signal fidelity. Ideal for high-performance microwave coaxial, low-loss phase-stable, and high-temperature cables.

Long-Chain Nylon (PA610, PA612, PA1010, PA1012, PA610/X, PA612/X)

SHANDONG GUANGYIN NEW MATERIALS CO., LTD.

7.2A68



Long-chain nylons (PA610, PA612, PA1010, PA1012, PA610/X, PA612/X), produced by Guangyin, are polyamides formed by condensing linear aliphatic diamines and diacids, derived from renewable castor oil through multi-step chemical processes. PA610 is ~63% bio-based, PA1010 ~100% bio-based, and PA1012 ~42% bio-based. These materials offer high toughness, low moisture absorption, excellent chemical resistance, and flexibility compared to short-chain nylons. They are processed via injection molding or extrusion, supporting pressures up to 160 bar.

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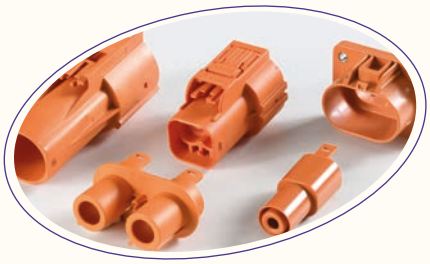
COMPOSITES & REINFORCING FIBERS

High-performance composite fibers and **special engineering plastics**, with their excellent properties such as high strength-to-weight ratio, corrosion resistance, and designability, as well as their longer lifetime, low energy consumption, and recyclability, are suitable for various **transportation vehicles**, **new energy equipment** and **humanoid robots**.

TECHNYL® ONE J 60X1 V30 ORANGE

ZHEJIANG DOMO ENGINEERING MATERIAL CO., LTD.

7.2D54



DOMO presents TECHNYL® ONE J 60X1 V30 ORANGE, a halogen-free, flame-retardant PA66/6T reinforced with 30% glass fibers. This UL Yellow Card certified material delivers top-tier performance : UL94 V-0 at 0.75mm, GWIT 800°C, HDT of 250°C (1.8 MPa), and high CTI ≥ 600V. Its high fluidity ensures excellent productivity and design freedom, while low corrosion protects tooling. It is successfully used in demanding applications such as a leading EV maker's 500kW supercharger connectors and is certified to replace PPA in high-current MCBs. Additionally, DOMO China is expanding its portfolio to include advanced materials like PPA and long-chain polyamides.

Sciengy Special Engineering Plastic Solution in Humanoid Robots

SCIENGY NEW MATERIALS

7.2B14

Multi base resin solution PEEK, PEI, PPS etc. For different components according specific properties requirement. Especially in specific area such as joint, dexterous hand etc. requiring extreme executed accuracy, Sciengy PEI (Polyetherimide) solution could bring much higher dimension precision in parts producing/operation side. Also, in area asking for good aesthetic/properties, the unfilled colorable PEI solution brings much better design possibility.

The Gepla®XCF Carbon Fiber Product Line

JIANGSU NFD COMPOSITE MATERIAL CO., LTD.

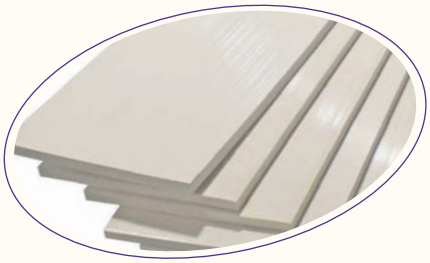
7.2A07

The GeplaXCF carbon fiber product line is a high-performance carbon fiber–reinforced composite product line that combines high strength, high stiffness, and lightweight properties. It uses short or long-fiber carbon fiber–reinforced thermoplastic resins, with adjustable fiber content.Typical properties include tensile strength up to 410 MPa, flexural modulus up to 40 GPa, and density of 1.2–1.4 g/cm³, offering excellent dimensional stability, fatigue resistance, and heat resistance. GeplaXCF is suitable for injection molding and extrusion, and is widely used in drones, humanoid robots, automotive structural parts, sports equipment, industrial components, and high-end electronics.

PEEK, PI, PPS and PPSU

NANJING SHOUSU ENGINEERING PLASTICS CO., LTD.

4.2A30



Nanjing Shousu's advanced materials, including PEEK, PI, PPS, and PPSU, combine high heat distortion temperature (HDT), excellent chemical resistance, outstanding mechanical strength and rigidity, low friction coefficient, superior dielectric properties, and self-extinguishing flame retardancy. These materials offer long-term thermal stability, radiation and aging resistance, and exceptional dimensional stability, and can be precisely processed into complex components. Widely applied in aerospace, electronics, precision machinery, medical devices, and high-end industrial equipment.

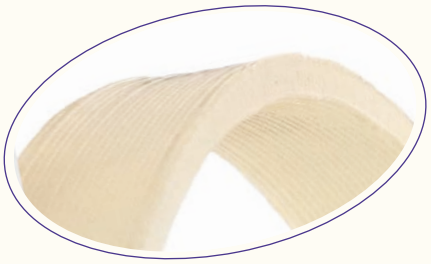
BIOPLASTICS

High-performance bio-based engineering plastics and **industrial compostable degradation technologies** are driving the integration of bioplastics into high-end manufacturing and circular economy systems, providing the automotive, E&E and other industries with a **full-chain green solution** from molecular design to recycling.

Ingeo 3D Printing Resin

NATUREWORKS, LLC.

1.2D58



Ingeo 3D700 is specially designed for large-format 3D printing, reducing warping and minimizing print failures. High polymer deposition rates in large prints can cause warping or shrinkage, leading to parts detaching from the build plate or layer separation. By controlling polymer microstructure, this amorphous PLA grade has a low shrinkage rate, improving adhesion and gap filling. Filaments made from Ingeo PLA are widely used in 3D printing, offering fine detail, strong adhesion without heated plates, minimal warping or curling, and low odor, ensuring reliable, high-quality prints.

P34HB--Biobased, Biodegradable and Compostable

CJ BIOMATERIALS

1.2D76

CJ Biomaterials has the capability to sustainably produce a customized range of products from crystalline to amorphous polymer structures based on a 3HB-4HB co-monomer structure. They can produce semi-crystalline and amorphous PHAs (polyhydroxyalkanoates) by modifying the 3HB and 4HB ratios of our materials. This co-monomer ratio control makes it possible to produce an incredibly broad range of PHA polymers, CJ's PHAs replace fossil fuel-based polymers, delivering high-performance, biodegradable, and home compostable products.

Anaerobic Biodegradable Mulch Film Material

GP MATERIALS TECHNOLOGY (JIANGSU) CO., LTD.

1.2G88

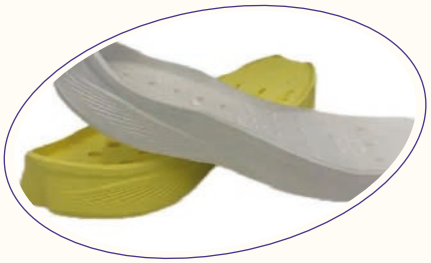
GP Materials has launched a new anaerobic biodegradable mulching film with notable advantages :

1. Its world-leading anaerobic degradation tech is validated by 9 authoritative institutions (China, U.S., U.K., etc.) at home and abroad.
2. It has stable physical properties during laying, with excellent light transmission, heat preservation, moisture retention, nutrient retention and weeding effects. Anaerobic degradation rate exceeds 90% within 180 days, no microplastic pollution, soil-safe and recyclable.
3. Verified by agricultural research institutes in multiple regions, it boosts yield by over 10% vs. ordinary and similar degradable mulches.

Cathay Bio-based Nylon Elastomer Foamed Midsole

CATHAY BIOTECH INC.

7.2F48



The Cathay Bio-based Nylon Elastomer Foamed Midsole utilizes a supercritical physical foaming process, which generates no volatile emissions. The midsole achieves a rebound rate exceeding 70%, significantly outperforming traditional chemical foaming methods and materials such as EVA, TPU, and TPEE in terms of performance.

RECYCLED PLASTICS

Advanced physical recycling and novel chemical recycling technologies significantly improve material performance and purity. The focus is shifting towards high-value applications, achieving **dual benefits of carbon reduction and value creation**. **Closed-loop recycling** and stronger supply-chain collaboration are becoming key drivers of future development.

Guolong Food Grade R-PET Pellets

GUANGXI WUZHOU GUOLONG RECYCLABLE RESOURCES DEVELOPMENT CO., LTD.

1.2D54

Roller screening, eddy current, and photoelectric sorting technologies are used for three-dimensional precise impurity removal, removing soil, metal, mixed color bottles, and aging bottles. The high-temperature whole bottle hot washing and deep friction cleaning form a dual cleaning mechanism, thoroughly peeling off adhesive, ink, and surface impurities, ensuring that the cleanliness of bottle raw materials meets food grade standards. By adopting advanced solid-phase polymerization technology and utilizing devolatilization technology, the intrinsic viscosity of recycled PET is increased (up to 0.82-1.0 dl/g), while simultaneously achieving deep separation of impurities.

High-quality PCR Materials

VEOLIA HUAFEI

1.2D48

Through a higher standard of physical recycling process, the molding characteristics and processing adaptability of materials are improved, better matching different processes and molds, achieving up to 100% application. Higher environmental stress resistance, better impurity control, and lower odor residue; better suited to the requirements of 100% PCR materials, with lower carbon emissions; better surface quality, suitable for various surface treatment processes, allowing for richer appearances; applicable to daily chemical packaging materials, oral care, stationery, toys, and household goods.

Car-to-Car rPP Pellets

DA FON ENVIRONMENTAL TECHNOLOGY CO., LTD.

1.2G48

Da Fon operates one of Taiwan's most integrated recycling systems, combining 20 collection stations, enterprise take-back programs, AI smart-sorting, washing, and pelletizing. Using high-purity feedstock, especially food-grade packaging, our PCR offers cleaner material streams, lower contamination, and more stable color than typical recyclates. Our Car-to-Car technology converts end-of-life bumpers into high-purity rPP through AI vision sorting, decoating, and deep washing, enabling a compliant, traceable closed loop for automotive plastics. Multi-stage decontamination, AI precision sorting, and next-generation odor reduction create cleaner, low-odor, and stable PCR.

PCR-PP with High Modulus / PCR-PP with High-Transparency / Food-Grade PCR-PE for Film Application

SHANGHAI RE-MALL ENVIRONMENTAL PROTECTION NEW MATERIAL CO., LTD.

1.2F48

PCR-PP with High Modulus : Served as a premium alternative to ABS. Features exceptional high modulus (>1800 MPa) and low density (1.0 g/cm³), with PCR content ranging from 30%–50% to achieve both lightweight and high performance. PCR-PP with High-Transparency : Its transparency rivals mainstream high-transparency PP grades like 5090T. With 30%–70% PCR content, finished products closely match virgin material in gloss and appearance. Food-Grade PCR-PE for Film Application : Complies with US FDA standards, low odor, 30%–70% PCR content, melt flow index 2.5–3.5 g/10min.

ADDITIVES, COLOUR PIGMENT & MASTERBATCH

White/Light-to-Color Laser Marking Technology

DONGGUAN DAZZLING JEWELRY NEW MATERIALS SCIENCE AND TECHNOLOGY CO., LTD.

1.2C118

A groundbreaking global innovation in material technology that enables precise printing of colored characters and patterns directly on white, transparent, and other light-colored substrates. This solution fundamentally addresses the long-standing industry challenge of achieving high-quality color marking on light-colored materials. With applications spanning personalized cosmetic packaging, visual branding for premium footwear, robot housing materials, and functional-aesthetic labeling for new energy components, it creates high-value product solutions with extensive market potential.

RIANOX® 686 & U-pack® 703

RIANLON CORPORATION

8.2F22

RIANOX® 686 is a high-performance phosphite antioxidant that effectively suppresses yellowing and degradation during high-temperature processing and end-use. It is well suited for engineering plastics such as high-temperature nylons and PEEK. With low volatility, high thermal stability, and excellent hydrolysis resistance, it is ideal for polymers used in high-temperature, high-humidity environments, including EV batteries, charging stations, electronics, and related components.U-pack® UV-703 is a high-performance light stabilizer that delivers superior UV durability and color gloss protection without affecting paint adhesion. With low migration and minimal odor, it is especially suited for PP and TPO in automotive interiors and exteriors.

Supercritical Foaming Color Masterbatch

SUZHOU CHENG FENG PLASTIC CO., LTD.

8.2C28

To address the challenge of bubble formation in materials, the EY series has been well launched and received widespread recognition and positive feedback from the industry. Given the bright surface and high transparency of supercritical foaming materials, Cheng Feng have also developed special color-enhancement products for brand applications, including multi-angle pearlescent powder, long-lasting luminescent powder, and a special white pearlescent masterbatch.

SD-100, 100% ATO Replacement

SUNDOW POLYMERS CO., LTD.

1.2D105

To address the shortage of antimony trioxide (abbreviated as ATO) in the international market, our company has developed a new ATO substitute product SD-100 with features as follows :

1. The cost of SD-100 is less than 50% of that of ATO.
2. More than 90% of the original application fields of ATO can be effectively replaced, such as rubber compound, nylon, PP, PE, PVC, engineering plastics, fabrics, etc.
3. The composition of ATO is environmentally friendly.

The focus is on **improving the recyclability of modified materials** and **coloring recycled plastics**, while promoting carbon reduction solutions. **Functional additives** and **digital coloring systems** innovate material performance and aesthetics, offering high-value industry solutions that meet safety, environmental regulations, and performance requirements.

Cheston® HA801/901, Antibacterial Agent for Footwear/ Cotton Underwear

CHANGHE CHEMICAL NEW MATERIAL (JIANGSU) CO., LTD.

8.2K58

Compared to traditional antibacterial agents, HA801 and HA901 are bio-based materials that are environmentally friendly, filling a gap in the domestic market for such products and achieving import substitution. While many conventional antibacterial agents compromise material durability and increase yellowing, our new products designed for close-contact items have no such side effects. This product demonstrates strong bactericidal effects against microorganisms while posing minimal risk to humans and pets. It will not cause poisoning or discomfort in case of accidental intake by children or pets.

A New Choice for Healthy Living : Integrated Low-VOC, Low-Odor Solutions for Automotive & Appliances

STAR-BETTER (SHANGHAI) CHEMICAL MATERIALS CO., LTD.

8.2F38

Star-Better is committed to delivering professional low-odor, low-VOC solutions for the automotive and home appliance markets. They have pioneered products like low-odor compatibilizers and deodorant masterbatches that efficiently resolve the persistent issues of plastic odor and VOCs in a single step. Now widely used across these industries, their technologies are dedicated to fostering greener, healthier, and more comfortable living environments, championing a new era of eco-conscious practices.

Graphanced® the Future of Flexible Packaging

COLLOIDS PLASTIC (SUZHOU) CO., LTD.

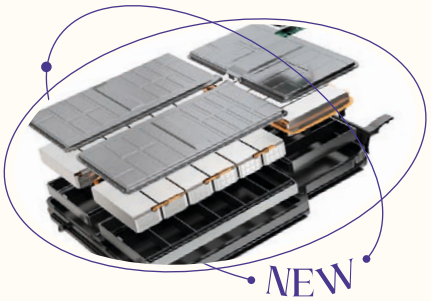
8.2F27

In evaluations of Graphanced® MPE9D2899 in polyolefin film application, striking enhancements compared with virgin polymer film have been realised : tear-strain improved by >25%, elongation at break by >35%, and tensile strength by >75 %. With greater mechanical robustness at modest loadings, film producers can now downgauge, improve film durability, whilst maintaining film integrity. Graphanced® is a next-generation masterbatch technology—bringing the advanced material benefits of graphene into mainstream film and flexible packaging markets.

High Purity Transparent Calcium Stearate

SHANDONG HAONA NEW MATERIAL SCIENCE AND TECHNOLOGY GROUP CO., LTD.

1.2D121



High-purity transparent calcium stearate fills a domestic gap in its use as an acid absorber for new-energy battery membranes. HAONA has developed a solvent-free green synthesis process and proprietary equipment, overcoming the technical challenges of producing calcium stearate under high temperature and pressure without solvents. The product offers over 90% light transmittance, low metal impurities, strong thermal stability, and precise acid-control performance. It meets the functional and safety requirements of next-generation battery membranes and enables in-situ optical detection, making it a strategic additive for high-safety battery film materials.

Automotive · Building & Infrastructure · Chemicals & Raw Materials · Daily Chemicals · Electronics and Electric · Food & Beverage · Medical & Healthcare · New Energy · Optoelectronics · Packaging · Recycling · Sports & Leisure · Transportation

ADDITIVES, COLOUR PIGMENT & MASTERBATCH

Spectrasense Black 0089 FK

COLORS & EFFECTS SHANGHAI LTD.

8.2F37

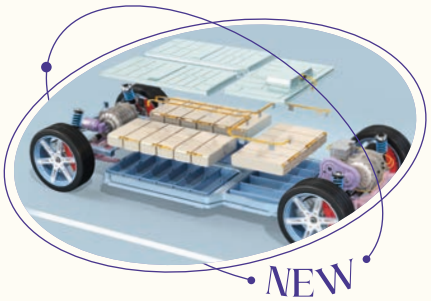
Sun Chemical's newest functional black pigment, Spectrasense Black 0089 FK, offers high jetness in full shade, high NIR transparency, excellent heat stability and reliable outdoor performance, making it ideal for solar heat control in building and automotive applications, laser welding and LiDAR-detectable parts.

Halogen-free Flame Retardants for PP, PA, TPE and Fabric Coating Materials

RISING STAR FLAME RETARDANT MATERIALS (SUQIAN) CO., LTD.

4.2H82

The halogen-free flame retardant for PP based on piperazine pyrophosphate has a decomposition temperature 35°C higher than similar products on the market, and the impact strength is increased by 30%, without affecting the melt index of the resin. It is mainly used in the upper covers of new energy vehicle batteries and energy storage batteries, solving the problems of low yield and insufficient strength as well as poor surface quality in the existing market. The halogen-free flame retardant for TPE solves the problem that cable materials cannot achieve UL94-V0.



PVC Stabilizer, Full Service PVC Solutions

AKDENIZ CHEMSON ADDITIVES (ZHEJIANG) CO., LTD.

8.2F52

Stabilizers are combinations of chemicals necessary for the processing of PVC that play a critical role for the development of a final product in terms of desired quality and durability. The use of stabilizers guarantees sufficient heat stability for PVC during processing and protects the end product from change due to heart, UV-light, or oxygen. Akdeniz Chemson's products have a wide range of usage in applications such as rigid window building profiles, rigid PVC pipes, injection moldings, cable insulation and sheathing, rigid and flexible sheets, floor coverings, artificial leather, shoe soles and more.

DOWSIL™ 5-1050 Polymer Processing Aid

SHANGHAI JOY NEW MATERIAL CO., LTD.

4.2H57

DOWSIL™ 5-1050 polymer processing aid is used in the production of industrial and consumer packaging films.

- Reduce melt fracture and die pressure for smoother processing;
- Improve processing efficiency and reduce film haze;
- Safe for food contact applications (EU 10/2011 and US FDA 21 CFR 174.5 compliant);
- Can be dry- or melt-blended with LLDPE resins, offering flexibility in processing;
- Achieve film performance comparable to that of fluorine-containing technologies.

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Optoelectronics | Packaging | Recycling | Sports & Leisure | Transportation

THERMOPLASTIC ELASTOMERS & RUBBER

Bio-based and **recyclable thermoplastic elastomers** offer more environmentally friendly options for use in medical consumables and soft components for electric vehicles. **Rubber** is evolving from traditional cushioning and sealing materials **towards functional and high-performance applications** to meet increasingly stringent requirements.

Special SEBS for High-oil Extended Formulations, Ultrasoft TPE Compounding Application

LCY CHEMICAL CORP.

6.2C71

LCY provides high-performance SEBS solutions. These products are particularly suitable for plastic modification and high-oil-extended formulations and mainly apply in soft toys, mattresses, etc.

Their significant advantages include :

- Great oil-holding ability under high oil-extended recipe
- Excellent elasticity and stiffness
- Low compression set and balanced tear strength
- Comfortable and soft touch

TPO Car Body Panels

KUNSHAN KESUN POLYMER CO., LTD.

6.2C101

TPO automotive skins are produced using an injection molding process that directly forms thermoplastic elastomer (TPE) material into interior surface layers. They are widely used in interior components such as dashboards, door panels, and center consoles. Compared with traditional reaction injection molding (RIM) processes, injection molded skins offer advantages such as high production efficiency, low mold investment, no need for spraying, and low cost. The finished product has high flowability and good compatibility with foam. It has a hardness of 60±5 Shore A, a density of 0.89±0.03 g/cm³, high mechanical performance (tensile strength > 9 MPa, elongation at break > 600%), a comfortable touch, etc.

FFKM

SICHUAN DOWHON NEW MATERIAL CO., LTD.

6.2B77

FFKM is a terpolymer of perfluoro (methyl vinyl) ether, tetrafluoroethylene and cross-linked monomers. It has excellent heat resistance and chemical resistance and can withstand corrosion from more than 1,600 chemicals. FFKM has a wide range of temperature resistance and can maintain its excellent physical and chemical properties in an environment of -10C to +315C. It is widely used in petrochemical, semiconductor, aerospace, new energy, optoelectronic display and other industries. Dowhon provides FFKM raw elastomer, FFKM compound, FFKM precompound, and can provide customized products according to customer needs.

Optical High Transparency Liquid Rubber

DONGGUAN MOSEN SILICONE TECHNOLOGY CO., LTD.

6.2D110

Based on premium raw materials and scientific formulation design, this product is an optical-grade transparent liquid silicone rubber (LSR). It features controllable viscosity, high toughness, and exceptional transparency (≥95%), along with superior yellowing resistance. This material effectively addresses common industry challenges such as bubble formation during molding and poor toughness associated with conventional optical materials. It is suitable for a wide range of applications across personal protection, daily necessities, and industrial products, including nose pads, water cups, and automotive headlights.

THERMOPLASTIC ELASTOMER & RUBBER

reSound™ OM Bio-based TPE

AVIENT

2.2J68

Designed to support low carbon emission, environmental protection and achieve sustainability goals, reSound™ OM bio-based TPEs utilize between 40%~50% bio-renewable content derived from sugarcane, and can reduce carbon footprint comparable to traditional petroleum-based TPEs. Thay are formulated for durability, delivering property retention and UV resistance comparable to traditional TPEs. The hardness levels are between 30A and 90A, and can be suited for overmolding onto PP or PC, ABS, which is the ideal solutions to help customer achieve sustainable goal. Plus, with an opaque natural color, reSound™ OM materials are easily colorable with traditional TPE or sustainable colorant from Avient.

Dawnprene® TPV

DAWN

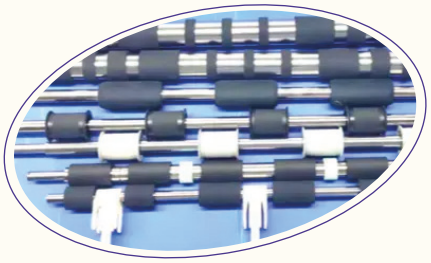
6.2C01

Dawnprene® TPV is a kind of fully dynamic vulcanized elastomer, which has a seaisland morphological structure : a large number of micron-sized fully chemical crosslinked rubber spheres are dispersed in the plastic continuous phase. Because of this special morphological structure, it combines high elasticity similar to chemical crosslinked rubbers and thermoplasticproces and recyclability. Parts made with the TPV not only have strength and flexibility but also excellent aesthetics, sealing capabilities and maintenance for a high level of performance over the life of the parts.

Rubber Rollers for Conveying

MARUICHI RUBBER (SHENZHEN) CO., LTD.

6.2A105



Rubber roller products are used in office equipment for paper rolling, industrial equipment for conveying rollers, printers, copiers, etc. They are commonly used in various industrial conveying equipment. The products are made of multiple materials, and the surface smoothness can be customized with high concentricity assurance.

Chloroprene Rubber

SUNDOW POLYMERS CO., LTD.

1.2D105

Chloroprene rubber, polymerized from chloroprene (2-chloro-1,3-butadiene), is a high-performance synthetic rubber. It combines excellent resistance to light, aging, flexing, acids, alkalis, oils, and heat with superior physical and mechanical properties, offering comprehensive performance unmatched by other synthetic rubbers. It is primarily used in automotive parts, machinery, industrial products, and adhesives, and is widely applied in national defense, transportation, construction, light industry, and military sectors.

Automotive | Building & Infrastructure | Chemicals & Raw Materials | Daily Chemicals | Electronics and Electric | Food & Beverage | Medical & Healthcare | New Energy

Optoelectronics | Packaging | Recycling | Sports & Leisure | Transportation

SEMI-FINISHED & INNOVATIVE PRODUCTS

The significance of **high functional films and specialty plastic and rubber products** in major transportation, medical, new energy, and precision electronics industries has become increasingly prominent. **Eco-friendly plastic products** satisfy the market's pursuit of low-carbon innovation and recycling while meeting the sustainability goal.

BOPP Matt Transfer Film

NANTONG GOLDEN WRAPPING MATERIALS CO., LTD.

4.2E33

Fully matt transfer film : Suitable for bronzing transfer of suede, warp, leather etc.

Half matt transfer film: Widely used in various kind of household textiles, wallpaper, basketball, bronzing paper etc.

It has a soft, smooth and anti blocking surface. The surface of the matting layer is highly delicate. Double-sided no corona treatment, good product transfer effect. Low density, low production cost and environmentally-friendly.

Retortable High Barrier ALOx PET Film

HYSUM FLEXIBLES LTD.

4.2G86

Retortable High Barrier ALOx PET Film has very high oxygen and moisture resistance. Applicable to all kinds of food packaging, such as corn, cooked food, dried meat snacks, confectionery, microwavable food, pet food, etc. It can also be used in other fields such as facial masks, cosmetics, medicines, and industrial packaging. It has excellent fragrance retention. Printable and able to laminate. High transparency, colorless and environmentally friendly. Suitable for use in microwave oven, and metal detector can be used during the inspection process. The oxygen transmittance rate "OTR" and water vapor transmittance rate "WVTR" are both below 0.3.

PCTFE Products

ZHUZHOU HONGDA POLYMER MATERIALS CO., LTD.

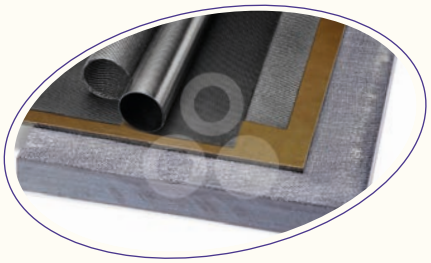
4.2A27

Hongda high-quality PCTFE products mainly include rods, sheets, tubes, and custom parts. In extreme environments such as liquid hydrogen at -253, liquid nitrogen at -196, liquid oxygen at -183, ultra-pure conditions, or highly corrosive settings, it remains stable without brittleness or creep. It is widely used in specialized pump and valve equipment, semiconductor devices, anti-corrosion chemical equipment, and chemical & medical analytical instruments.

Thermoplastic Composites / TECATEC

ENSINGER ENGINEERING PLASTICS (SHANGHAI) CO., LTD.

7.2A79



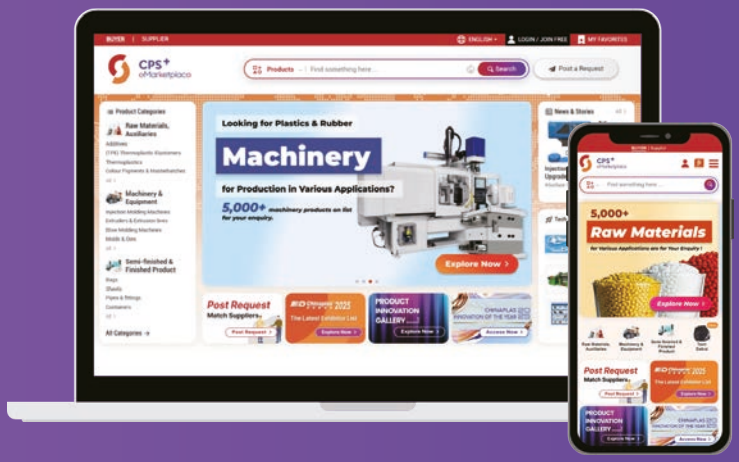
Supplied from a wide range of stock standards and customizable fibre reinforced thermoplastic matrix combinations, Ensinger's continuous fibre composite materials product portfolio includes fabric based semipregs, prepregs, organosheets and compression moulded composite plates.

CPS+ eMarketplace

Backed By

Chinaplas® 国际橡塑展

The Digital Platform Empowering the Extension of Your Plastics & Rubber Supply Chain



15,000+

Global Plastics and Rubber Solutions for You to Explore

365 Days

Professional Business Matching Services to Support Sourcing

Are you preparing for the show visit?

Scan the QR code to explore the hot and innovative technologies at CHINAPLAS 2026 and connect with your desired suppliers prior to the show.

CPSeMarketplace.com

Welcome to visit CPS+ eMarketplace's booths at: 1.2H03, 4.1H21, 6.2H25, 7.1H23

HIGH-VALUE CONCURRENT EVENTS AWAIT YOU TO JOIN

The 7th Edition Plastics Recycling & Circular Economy Conference & Showcase

The conference will focus on new trends in global plastics recycling and the circular economy, interpreting policy guidance and technological innovation, and exploring overseas business opportunities, the application of high-quality recycled materials, breakthroughs in mechanical / chemical recycling, and sustainable brand practices. The conference will invite government representatives, international brands, and leading enterprises to share with you the forward-looking perspectives and case studies, jointly outlining a future blueprint for the plastics circular system.

Register now to stay ahead of industry trends and unlock new opportunities in sustainable development!

2026.4.20

Shanghai

Tech Talk

Tech Talk will serve as the launchpad for **more than 30 innovative technologies**, presented by leading suppliers in their **worldwide debut**. Stay ahead of the curve with first-hand insights into the future of plastics and rubber. Join us to discover how these innovations are applied across diverse industries to help your business master key challenges in sustainability and cost-efficiency.

Hot Topics:

1. Green & Low-carbon Solutions
2. Innovative Packaging Solutions
3. Automotive Plastics Solutions
4. 2026 New Materials
5. China's High-end Technologies (NEW)

2026.4.21-23

Booth 2.2J80, Hall 2.2

The Power of Plastics Forum

Join us at **The Power of Plastics Forum: Green·Smart·Responsible**, and shape the future together. Hear from VDMA experts and industry leaders about **breakthrough recycling technologies, smart processing of recyclates, and AI-driven digital solutions like digital twins and product passports**. See sustainable innovations in action and connect with global peers who are driving the circular economy. Whether you're focused on sustainability, production efficiency, or new business models — this is your platform to learn, network, and lead the change.

2026.4.21-24

Booth 2.1J92, Hall 2.1

HIGH-VALUE CONCURRENT EVENTS AWAIT YOU TO JOIN

Medical Plastics Connect

In the competitive medical landscape, technological innovation, regulatory compliance, and the green transition have become the definitive pillars of market leadership. To empower medical device, consumables, and pharmaceutical packaging manufacturers in navigating this complex terrain, Medical Plastics Connect provides an exclusive lens into high-tech domestic materials and world-class frontier technologies. By leveraging expert insights and industry resources sharing, your business can decode emerging trends, and bridge critical supply chain gaps.

Register now to attend the Medical Plastics Conference and expand your strategic network and resources.

2026.4.21 (Afternoon)

Booth 4.2H61, Hall 4.2

Additives Seminar: Enhancing Sustainability and the Values of Plastics

Gather with global plastic additive pioneers to unlock high-value solutions for premium material production and ESG excellence. This seminar marks the world premiere of revolutionary technologies—including Ionic Liquid flame retardants (PET/PC) and PFAS-free solutions for PPA and PC.

Don't miss this opportunity to bridge the gap between sustainability, cost management, and regulatory compliance.

Join us to lead the future of materials science!

2026.4.22 — How Additives Redefine Plastic's Life Cycle for Achieving ESG?

2026.4.23 — Beyond Cost: Additives Provide Plastic Products with Safety Premium DNA

Booth 4.2H61, Hall 4.2

Applications in Focus

Buyer's Perspective · Steering Tech Strategy
Seven themed forums, joining forces with the plastics and rubber end-use manufactories and branding companies, reveal the pain points of the end-use industry and seek collaborative solutions across the supply chain. The forums cover over 50 hot topics, including automotive, medical, packaging, antimicrobial, cables, eco-friendly PVC products and etc., promoting the sustainable development of the plastics and rubber industry through synergy.

2026.4.23

Meeting Room 302, 303, 402, 403, 502,
Northwest & Southwest Footpath at Mezzanine

Product Innovation Gallery

To quickly grasp the plastics and rubber technologies behind different products and make R&D and material sourcing a breeze, you must not miss the exhibition wall themed "From Products to Technology. From Technology to Products". Featuring over 200 innovative exhibits, this curated display is **designed to spark your inspiration and connect you with the ideal suppliers**.

2026.4.21-24

Hall 4.1 & 8.1 – near door 4 & door 7
Hall 1.2 – between door 1 & door 20
Hall 6.2 & 7.2 – near door 21

Day 4 Trend Insights

Grand Finale on CHINAPLAS Day 4! Join us for the full-day customized itinerary: Attend the "Decode Trends Forum", followed by an exclusive VIP Factory Tour in the afternoon. Don't miss the closing highlight of the show!

Decode Trends Forum: Feature policies and top-tier expert insights, discover plastic aesthetics behind CMF trends, and explore plastics and rubber core technologies in emerging industries.

Exclusive Factory Tour: Witness AI Technology and Engage with Industry Leaders; Join the Expert Salon to Gain Forward-Looking Insights.

2026.4.24

Meeting Room 302, 402, 502,
Northwest & Southwest Footpath at Mezzanine

Scan for the Latest Event Info
chinaplasonline.com/EventOverview

ELEVATED SOURCING JOURNEY

Premium Services for Hosted Buyers

To maximize sourcing efficiency at CHINAPLAS, overseas decision-makers from leading companies are invited to join our premium services, including one-on-one business matching meetings with exhibitors, exclusive networking events with global suppliers and industry experts to facilitate the exploration of new technologies and collaboration opportunities. Overseas buyers with clear sourcing objectives and budgets are welcome to contact our professional team for the premium services at CHINAPLAS.

FOR ENQUIRY: chinaplas.buyer@adsale.com.hk

Specialized Thematic Tours for Overseas Delegations

Overseas delegations of application industries, such as packaging, recycling, electronics & electric, etc., will be invited to participate in a guided tour with pre-designed routes to meet the recommended suppliers on the show floor.

Enjoy the exclusive networking opportunity with industry professionals and gain access to state-of-the-art technologies and products under one roof!

FOR ENQUIRY: chinaplas.buyer@adsale.com.hk

Real-Time Updates – CHINAPLAS LIVE

Stay updated on the latest advancements and trends, and elevate your visiting experience with dynamic live-streaming modes: expert-guided tours, exhibitor interviews, visitors' sharing, editor explorations, etc.

CHINAPLAS LIVE, the official channel, is dedicated to bringing the excitement of the world's leading exhibition directly to your screen! Tune in to our live channel, where innovation meets inspiration!

CHINAPLAS 现场直播 LIVE × TECHHUB by CPRJ

Scan to view the CHINAPLAS LIVE

PREPARING FOR YOUR SHOW VISIT

01 Save Time, Skip Lines · Pre-Register NOW!

- **Get an Early Bird Discount**
  Enjoy an exclusive discount on 4-day admission ticket for RMB 50 or USD 7.5 (original price: RMB 80) by pre-registering as a visitor.

- **Fast Fairground Access**
  Gain direct entry to the fairground by using the eBadge from visitor pre-registration.*

*eBadge available for PRC Resident Identity Card holders; visitors from Hong Kong, Macau, Taiwan Region, and overseas should bring the confirmation letter to onsite for visitor badge redemption.

PRE-REGISTRATION DEADLINE
APRIL 17, 2026 17:00 (GMT+8:00)

02 Show Your Boss How Much CHINAPLAS Means to You!

Have you discussed the positive takeaways of show visit with your supervisor? To help you articulate a compelling case for your attendance, we've prepared a justification letter for your presentation.

03 Unlock Exclusive Privileges for Your Group

- Free Admission
- Express registration as delegation group
- Group photo taking upon arrival
- Free use of delegation lounge

SCAN QR CODE TO DISCOVER AND UNLOCK THE PRIVILEGES!

04 Simple Visa Application. Get Ready to China

Secure your CHINAPLAS invitation letter in just one step.

SCAN THE QR CODE TO GET STARTED.

05 Travel with Mobile Payments in China

Enjoy seamless travel experience: link your credit cards to WeChat Pay or Alipay on your mobile phone in China for convenient cashless payments.

STEP BY STEP GUIDE

Download on the App Store

GET IT ON Google Play

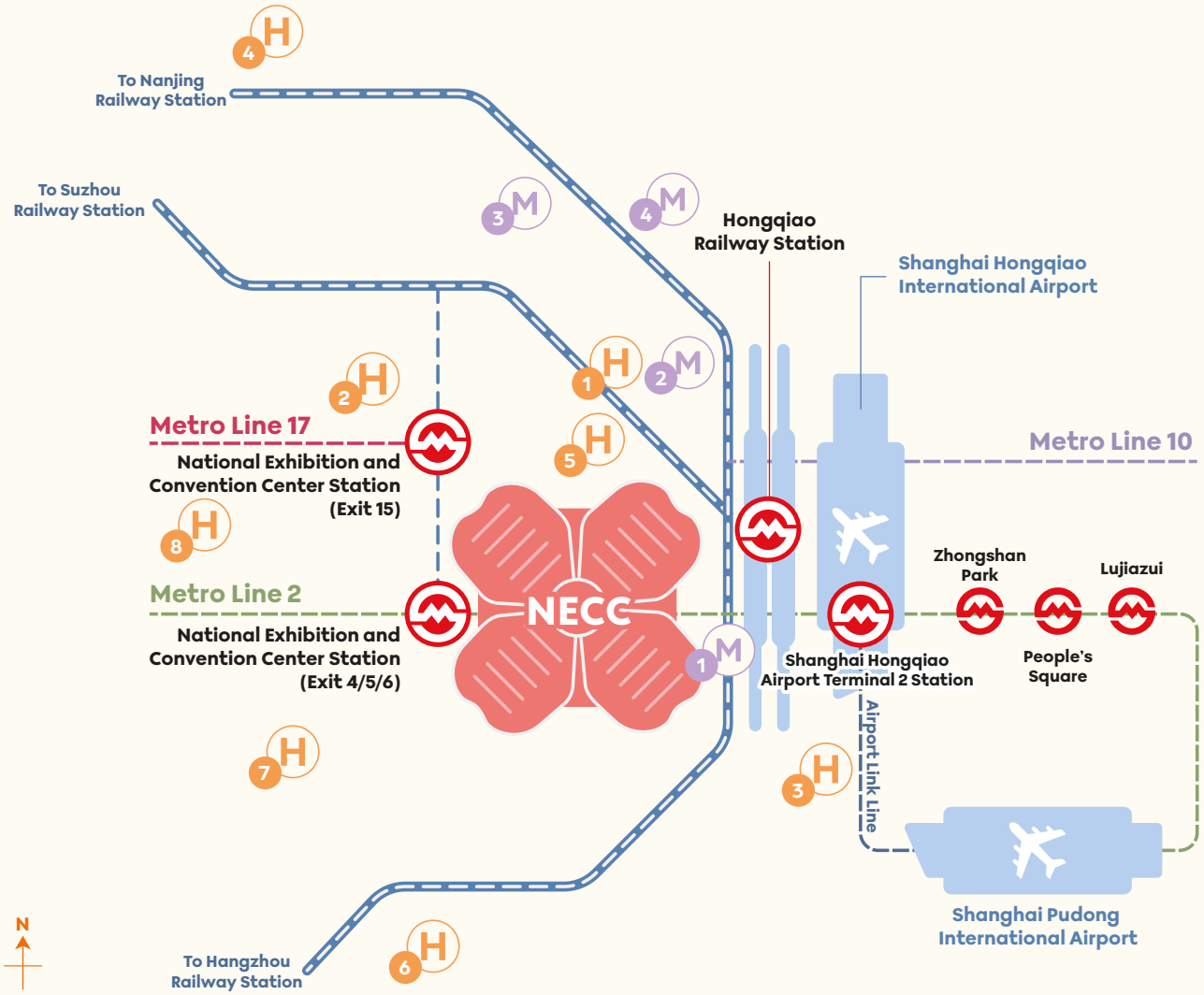
06 Barrier-free Communication

Download local translation apps to enjoy seamless communication.

BAIDU TRANSLATE

UDICTIONARY

HOTELS & TRANSPORTATION



H RECOMMENDED HOTELS (PARTIAL LIST) | M SHOPPING MALLS | TRAIN | METRO STATION

Enjoy Special Deals by Official Travel Agents

- Preferential room rates from a selection of hotels across various star ratings
- Proximity to the fairground
- Free shuttle bus service to/from NECC

PLAN YOUR TRIP IN ADVANCE!
SCAN TO BROWSE CHINAPLAS
OFFICIAL TRAVEL AGENTS & HOTEL LIST.

RECOMMENDED HOTELS (PARTIAL LIST)

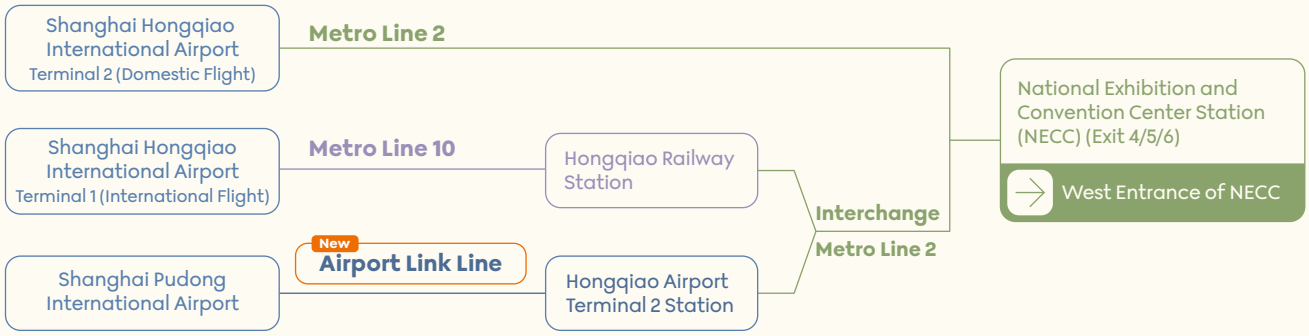
1. Sofitel Shanghai Hongqiao Xinhualian
2. Radisson Blu Hotel, Shanghai Hongqiao Xijiao Manor
3. Holiday Inn Shanghai Dahua Hongqiao
4. Jiaji Hotel (Shanghai Hongqiao Hub Jizhai Road)
5. voco Suites Shanghai Hongqiao CBD
6. DoubleTree by Hilton Shanghai Hongqiao
7. Shanghai Hongqiao Ruijing Hotel (National Convention and Exhibition Center Store)
8. Vienna International Hotel (Shanghai Hongqiao Airport Convention and Exhibition Center Huaxu Highway Store)

SHOPPING MALLS

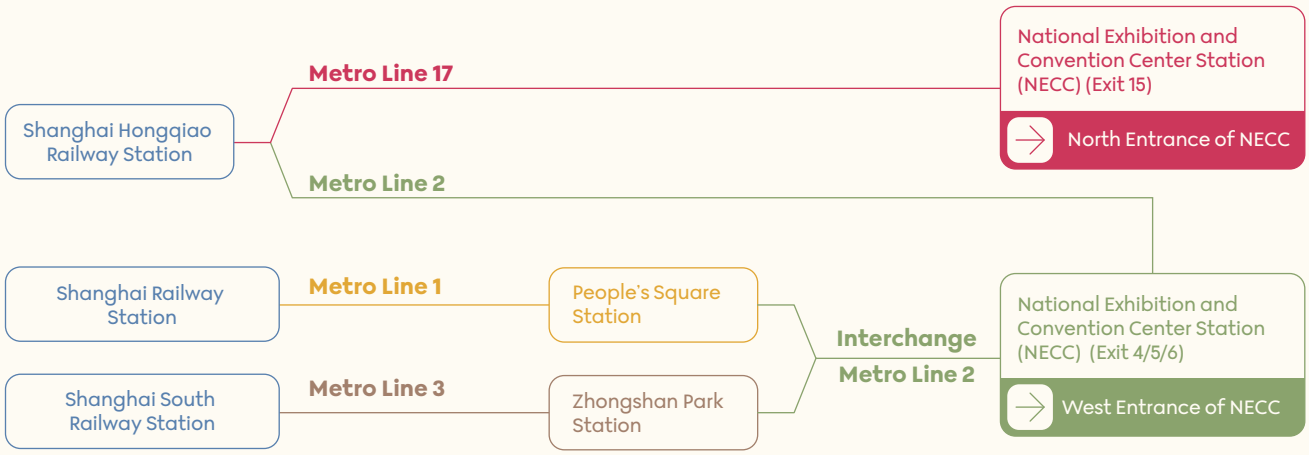
1. THE HUB
2. Xinhualian Shopping Center
3. Greenland Xinhui E Tiandi Building
4. Lianghua Shopping Plaza

GETTING TO FAIRGROUND

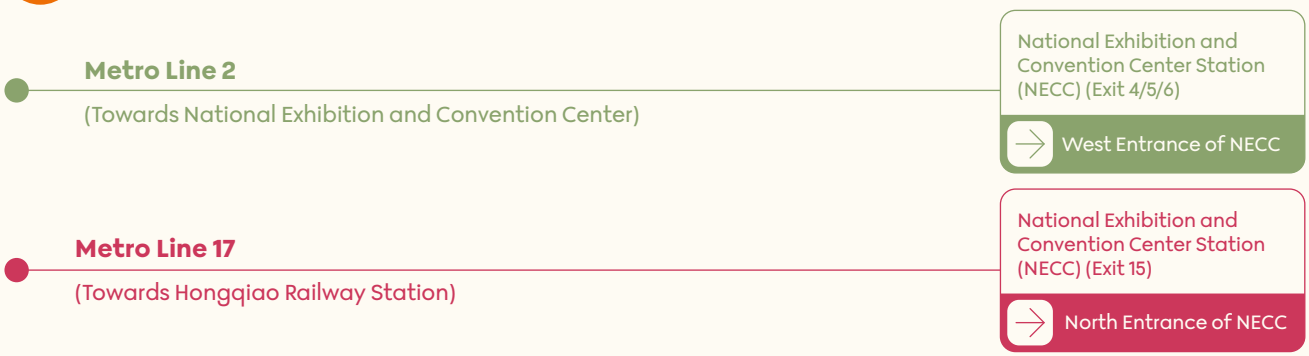
By Flight



By Train



By Metro



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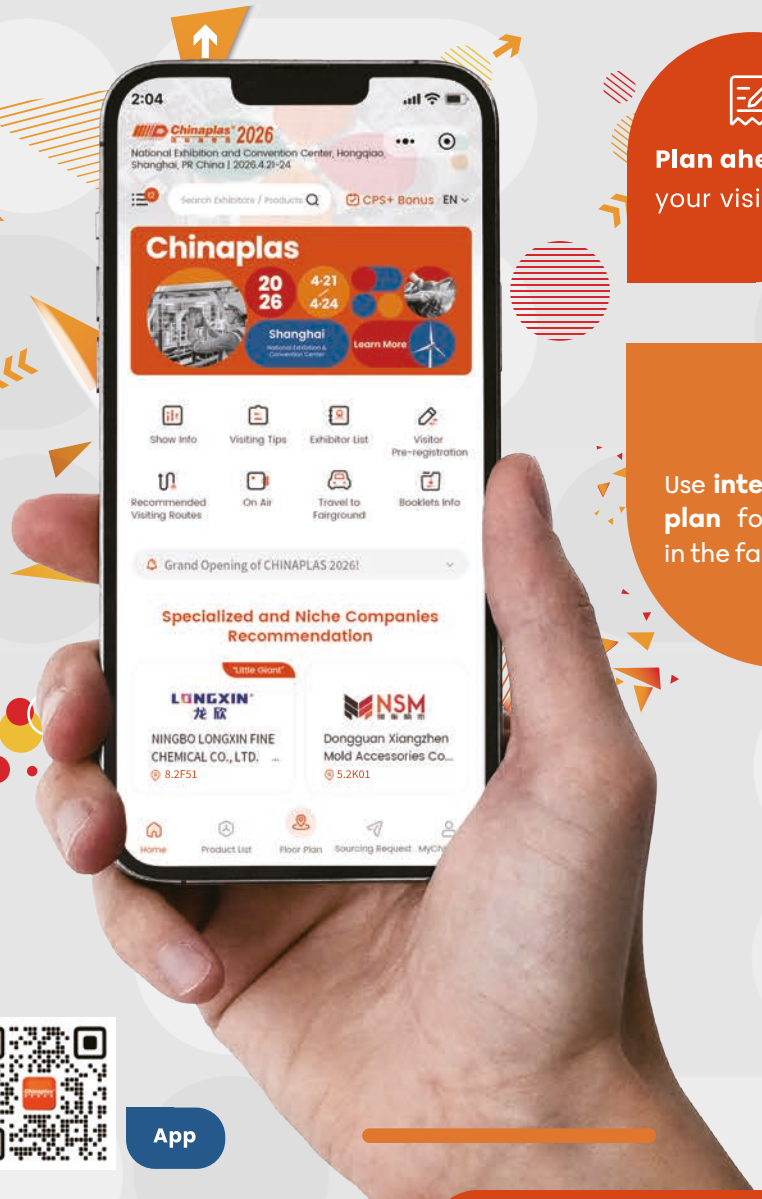

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