



中国国际进口博览会
CHINA INTERNATIONAL
IMPORT EXPO

Exhibitor & Exhibit Information of the Third China International Import Expo

General No. 14

Intelligent Industry & Information Technology (No.3)



新 时 代 共 享 未 来
NEW ERA, SHARED FUTURE



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It is hereby declared.

Contact: zsc@ciie.org

China International Import Expo Bureau

June, 2020



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Introduction to Exhibition Area

With advanced technologies at its core, the Intelligent Industry & Information Technology Area leads the innovation trend of this industry and attracts important exhibitors and buyers in the field, providing a communication platform for the global manufacturing industry; it is also a high-end display and communication platform of international manufacturing enterprises for promoting transformation and upgrading and facilitating high-quality development.

Based on the automation and intelligent manufacturing, the Intelligent Industry & Information Technology Area will put emphasis on integrating the industrial development trends, including high-speed precision, flexible integration, demand personalization, enlargement and recombination, green and energy conservation, customization, integrated solution and product lifecycle management. In this exhibition area, global leaders in various segments of the equipment manufacturing industry will intensively display high-end equipment and key technologies, and share the latest development ideas of the industry, thus inspiring the application imagination, boosting

innovation and transformation, and leading new development trends of the industries such as automation, intelligence and customized manufacturing.

Meanwhile, the Green Technology Special Exhibition Zone will be established. Adhering to the idea of energy conservation and environmental protection, the Green Technology Special Exhibition Zone aims to drive the trend of "green manufacturing", display international cutting-edge equipment for and solutions to energy conservation and environmental protection, and synchronously conduct supporting activities like the matchmaking conference during the CIIE, covering key fields such as conservation of energy and water & new energy, comprehensive recycling of resources and environmental protection. The exhibition themes include clean energy heating, beautiful countryside, Yangtze River protection, turning waste into wealth, conservation of oil, gas and water, and green industrial parks.



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Ecoclean Machinery

◆ Brief Introduction to Exhibitors

Established in 1956 in Filderstadt, Germany, Ecoclean Machinery has been committed to developing, producing and marketing cutting-edge machinery, systems and services for industrial part cleaning and surface treatment applications. Its client base comes from the automobile industry and a broad range of market sectors ranging from medical equipment, microtechnology and precision equipment, mechanical and optical engineering to power systems and aircraft industry. Since the establishment of its Shanghai production base in 2004, it has accumulated over 16 years of experience in marketing, manufacturing and services in the Chinese market, mainly focusing on providing industrial cleaning services for users in the automotive industry, etc.

Official Website: www.ecoclean-group.com.cn

Contact Person: Justin Song

Contact: 021-56782616

◆ Highlights

EcoCvelox-The Multi-talented System for Deburring and Cleaning

EcoCvelox is a cost-efficient and powerful deburring and cleaning

system with a modular design that can be configured depending on the process. It does deburring, cleans and dries components reliably and quickly. The new multifunctional system can do deburring, clean and dry components in no more than 15 seconds of cycle time, and sets the standard for flexibility, beat, process time, ease of maintenance, and availability of equipment.



Picture 1, Picture 2 and Picture 3: Product Diagrams of EcoCvelox - The Multi-talented System for Deburring and Cleaning

EcoCwave- The All-Round Talent for Aqueous Part Cleaning

The EcoCwave is a powerful spray flood cleaning system with a vacuum-tight work chamber. At the user's option, it can be equipped for either two or three independent cleaning steps. It adopts upright cylindrical flood tanks, which have been developed for fine cleaning applications.



Picture 4, Picture 5 and Picture 6: Product Diagrams of EcoCwave - The All-Round Talent for Aqueous Part Cleaning



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Fronius International GmbH

◆ Brief Introduction to Exhibitors

Established in 1945 and headquartered in Austria, Fronius International GmbH has over 500 R&D experts, more than 1,200 valid invention patents and over 70 years of electric arc R&D experience. Its products are widely applied in fields of high welding difficulty and demand, such as automobile manufacturing, rail transit, aviation & aerospace, engineering construction, energy & chemical industry. Fronius has three divisions: Perfect Charging, Perfect Welding and Solar Energy. Now its business covers more than 70 countries and regions around the world. It has set up its Chinese headquarters in Shanghai and Fronius (China) has established VSP teams in East China, North China, Northeast China, Central China, West China, and South China respectively.

Official Website: www.fronius.com

Contact Person: Wang Lier

Contact: 021-26063292

◆ Highlights

Portable Welding Tool

With the beautiful and high-quality welding seam, integrated design,

and mobile and robust characters, it features a stable arc, easy electrode ignition, usage safety, long battery life and fast charging.



Picture 7: Product Diagram of Portable Welding Tool

TPS/i - Intelligent Welding Platform

The TPS/i can use different welding processes, including CMT, PMC and LSC to suit the customer's needs. The equal arc length stabiliser and constant penetration stabiliser greatly improve the arc stability and welding speed; with fewer spatters, it also reduces rework times, shortens the production cycle, optimizes the production process, and saves a lot of labor and material cost. The TPS/i can be used to weld all materials.



Picture 8: Diagram of TPS/i - Intelligent Welding Platform



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DISCO Corporation

◆ Brief Introduction to Exhibitors

Established in Japan in March 1940, it has participated in the first and second CIIE. Business Scope: Manufacturing, sales and maintenance of precision cutting, grinding and polishing machines; training in the operation and maintenance of precision cutting, grinding and polishing machines; disassembly and recycling of precision cutting, grinding and polishing machines; lease of precision machines and sales and purchasing of used machines; manufacturing and sales of precision machines; paid processing of precision parts. DISCO HI-TEC CHINA CO., LTD. was founded in 1998. It has a complete clean room and a first-class professional process team. It has 11 offices throughout the country, especially in China's Shanghai headquarters, providing processing plans and process inspection and other services for customers.

Official Website: <http://www.disco.co.jp/eg/index.html>

Contact Person: Fiona Fang

Contact: 021-50278018

◆ Highlights

Dicing Saw

The dicing saws use dicing blades to cut silicon, glass, and ceramic workpieces with a high degree of accuracy.



Picture 9: Product Diagram of Dicing Saws

Laser Saws

Laser saws make use of the characteristics of lasers to achieve high-speed, high-accuracy, and high-quality processing of composites and difficult-to-cut materials.



Picture 10: Product Diagram of Laser Saws

Grinders

Grinders can grind silicon wafers, compound semiconductors, and many other types of materials with a high degree of accuracy. They can also use the DBG system and DAF-related application technology by connecting with a polishing machine or a chip frame pasting machine.



Picture 11: Product Diagram of Grinders

Polisher

The processes from wafer back grinding to dry polishing can be carried out on the same worktable, and its thinning processing capacity is highly stable. Processing for applications that use the DBG system or DAF (Die Attach Film) is also possible by incorporating a polisher and wafer mounter with the grinder into an inline system.



Picture 12: Product Diagram of Polishers

Multi-functional Wafer Mounter

The wafer mounter is an all-in-one unit that contains the mechanisms needed for UV irradiation for surface protection tape attachment, DAF attachment, dicing frame mounting, and surface protection tape delamination. The wafer mounter can also be incorporated into an inline system with the grinder/polisher.



Picture 13: Product Diagram of the Multi-functional Wafer Mounter



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MITSUBISHI MATERIALS CORPORATION

◆ Brief Introduction to Exhibitors

Established in 1950 and headquartered in Japan, the company has participated in the First and Second CIIE. Equipped with full closed-loop industrial technologies ranging from mine excavation, material refining, product supply to the recovery, refining and recycling of scrapped products, its main business covers super hard machining tools and parts, electrolytic copper and precious metals, aluminium products, copper processing, cement, electronic materials and comprehensive utilization of clean energy. Since it entered the Chinese market in 2010, the company has set up 21 local legal entities and 8 representative offices, including factories, technology centers and sales companies. Its business covers automotive parts, electronic components, processing tools, clean energy, and cermet compounds.

Official Website: www.mmc.co.jp

Contact Person: Zhang Renjian

Contact: rjzhang@mmc.sh.cn

◆ Highlights

Cutting Tool for High-precision Processing

The AXD-series milling cutter for processing of aluminum alloy and difficult-to-cut materials can accommodate various kinds of processing forms with

excellent inclined plane machining performance. The centrifugal force resistant structure can achieve stable processing. The high balancing precision can suppress high-frequency vibration during high-speed rotation.



Picture 14 and Picture 15: Product Diagrams of Cutting Tool for High-precision Processing

The DFC-Series Cutting Tool for the Processing of CFRP

Materials Only

CFRP end milling cutter, with wear-resistant CVD diamond coating and excellent cutting sharpness, achieves high-quality CFRP trimming processing. It fits various kinds of cutting edge shapes for different

processing purposes with long service life, excellent wear resistance and smoothness.



Picture 16 and Picture 17: Product Diagrams of DFC-Series Cutting Tool for the Processing of CFRP Materials Only

SMALL TOOL-Series Tool for Small Automatic Lathes

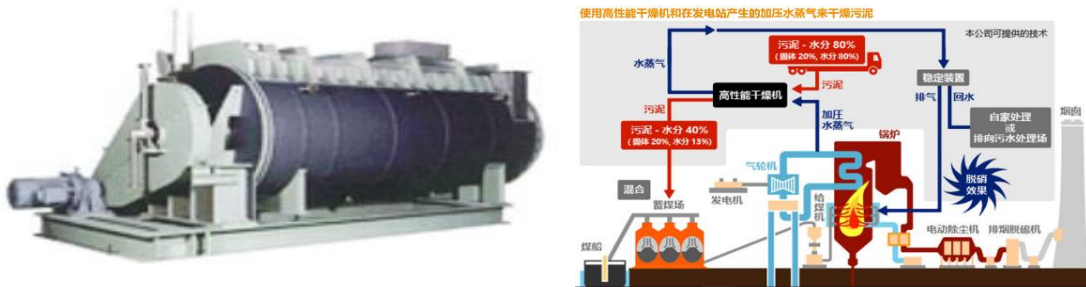
This tool is used for the precision processing of small and complex parts of automobiles, communication devices, medical equipment, digital home appliances, etc.



Picture 18: Product Diagram of SMALL TOOL-Series Tool for Small Automatic Lathes

High-performance Sludge Drying Machine

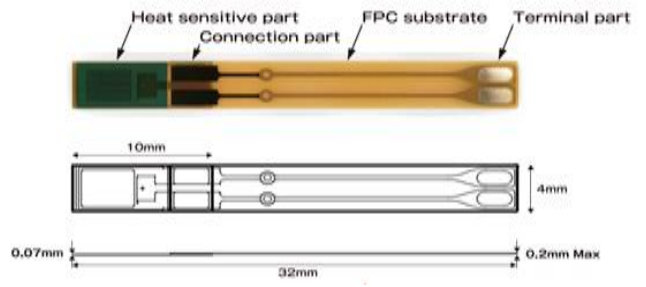
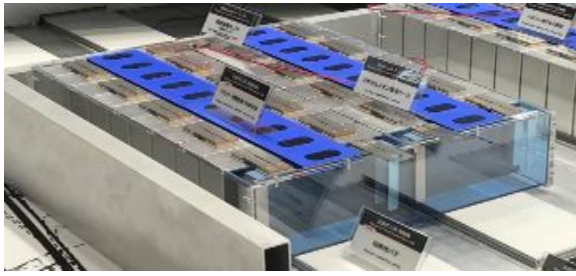
With a machine base of horizontal disc type, an internal disc-shaped stirring shaft with stirring pieces, a sheath-like cylinder body, the indirect-heating drying machine provides heat for the materials to be processed through steam and thermal medium. Its axle and disc are filled with steam flow with a large heat transfer area and high stirring effect. With indirect heating and small displacement, it can achieve continuous bulk processing.



Picture 19 and Picture 20: Product Diagrams of High-performance Sludge Drying Machine

Ultra-thin Temperature Sensor

With super-soft materials, less-than-R10 curvature of heat sensing part and unique film shaping technology, it mainly applies in the fields of precision temperature control such as medical devices, automotive motor and battery module. The thickness of its heat sensing part is only 0.07mm and the speed of response of temperature sensing is 0.1s.



Picture 21 and Picture 22: Product Diagrams of Ultra-thin Temperature Sensor



Fortive

◆ Brief Introduction to Exhibitors

As a diversified industrial company headquartered in the United States, Fortive manufactures professional instruments and develops advanced technology in the industrial field. Its brands include Fluke (manufacturing electronic testing tools), Tektronix (providing testing, measuring and monitoring solutions), ASP (providing disinfection and sterilization for medical surgeries), STG (focusing on research, development and marketing of Setra precision pressure measuring devices, Gems sensors, Hengstler encoders, Anderson-Negele sanitary instruments, WEST temperature controller, Bindicator level gauge, Joslyn Clark vacuum contactors, etc.) and ISC (designing and manufacturing industrial-grade poisonous and harmful gas detectors, and providing gas monitoring solutions).

Official Website: www.fortive.com

Contact Person: Liu Qianqian

Contact: qianqian.liu@fluke.com

◆ Highlights

ThermoView Critical Asset Monitoring System

Designed for harsh environments IP66 housing, protecting the

Thermal Imager from dust and water. Optional: Wall or pedestal mounted. The infrared resolutions of ThermoView TV43 and TV46 are 320 x 240 and 640 x 480 respectively. IR-Fusion[®] technology (infrared and visible sighting) can achieve easy alignment and enhance the detailed blended images. ThermoView Critical Asset Monitoring System is a sophisticated analysis based on absolute, differential or rate of change asset temperature conditions. Alarms can be sent via Modbus, EthernetIP, digital outputs, or email.



Picture 23: Product Diagram of ThermoView Critical Asset Monitoring System

Fluke 3561 FC Vibration Sensor

It can prevent downtime and drive action through frontline vibration monitoring and condition screening solution. It can predict reliability issues with alarms, trend lines and fault history, reduce maintenance cost

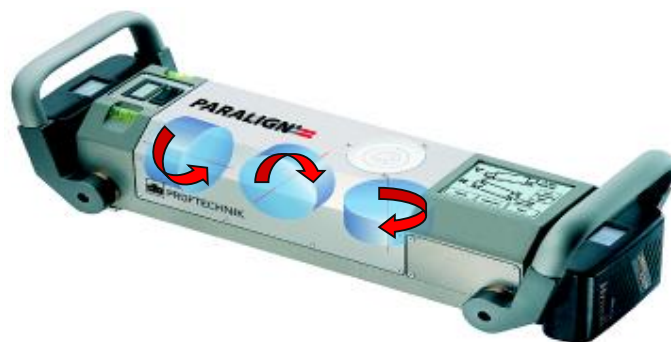
and extend the service life of the equipment.



Picture 24: Product Diagram of Fluke 3561 FC Vibration Sensor

Roll Alignment with PARALIGN by the Innovators of Inertial Alignment

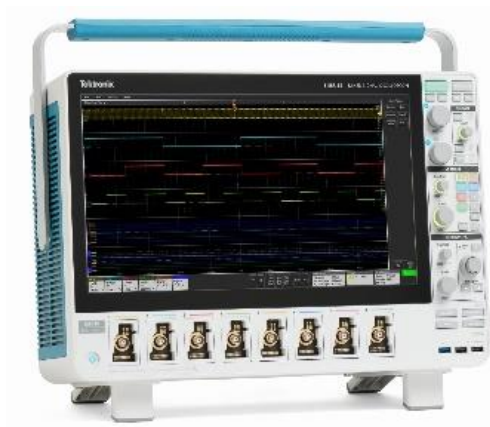
PARALIGN is a unique device using inertial technology designed to measure the parallelism of rolls in production installations in the paper, print, converting and steel industries. PARALIGN is a unique non-optical measurement method, which can help factories rapidly adjust rolls to be parallel to enhance production effectiveness and product quality.



Picture 25: Product and Service Diagram of Roll Alignment with PARALIGN by the Innovators of Inertial Alignment

Tektronix® 5 Series MSO Mixed Signal Oscilloscope

The 5-series MSO based on the new TEK049 platform is equipped with a remarkably innovative pinch-swipe-zoom touchscreen user interface, the industry's largest high-definition display, and 4, 6, or 8 FlexChannel™ inputs.



Picture 26: Product Diagram of Tektronix® 5 Series MSO Mixed Signal Oscilloscope

ASP Ecosystem

The AEROFLEX® automatic endoscope reprocessor with AUROSURE® MRC monitor is equipped with the ASP ACCESS™ information integration system that provides smart information sharing technology and enhances compliance and easily integrates with instrument tracking systems (ITS) and hospital networks. STERRAD® Low-temperature Plasma Sterilization System with ALLClear® Technology can drive the compliance of sterilization. STERRAD® VELOCIT® Biological

Indicator System resulting in 30 minutes enables healthcare facilities to reduce the risk of releasing instruments prior to BI confirmation.



Picture 27: Product Diagram of ASP Ecosystem

Hengstler - High Performance Gearbox Multi-turn Absolute Encoder AD 38

AD38 offers 24bit single-turn resolution and top-level accuracy (± 27) with compact size and innovative blue-light LED technology. Maintenance-free gearbox multi-turn system could minimize downtime and save maintenance costs. Products from Hengstler are used in almost every industry from mid-to-high end machine tools, industrial robots to electronic assembly. The universal shaft design makes it easy for most motor OEMs who plan to enhance the product portfolio to meet the international demands of the automation market.



Picture 28: Product Diagram of Hengstler - High Performance Gearbox
Multi-turn Absolute Encoder AD 38

Industrial Scientific - Gas Detection meets Connected Safety

With personal gas detector Ventis Pro 5 and area monitor Radius BZ1, you can configure the way of connections between workgroup members. Either peer-to-peer alarm sharing, or wireless connection between personal gas detectors to area monitors, even remote real-time gas monitoring, personnel tracking and locating, and early warning analysis of gas leakage risk, the gas detector can fulfill your needs.



Picture 29: Product Diagram of Industrial Scientific - Gas Detection
meets Connected Safety



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Heraeus

◆ Brief Introduction to Exhibitors

Established in 1851 and headquartered in Hanau, Germany, Heraeus has participated in the First and Second CIIE. Its business covers a variety of fields such as environmental protection, energy, electronics, health, transportation and industrial applications.

Official Website: www.heraeus.com

Contact Person: Kevin Chen

Contact: Kevin.Chen@heraeus.com

◆ Highlights

Direct Analysis of Liquid Steel Composition

Intelligent rapid component analysis of steelmaking processes with a processing time less than 90 seconds from molten steel sampling to components results completed, can analyze components like C, P, Mn, S (totally 21 types). It features clean sampling and no grinding. It reduces smelting time and is applied in the converter, refining, molten iron, etc.



Picture 30, Picture 31 and Picture 32: Diagrams of Direct Analysis of Liquid Steel Composition

Fiber Continuous Temperature Measurement for EAF

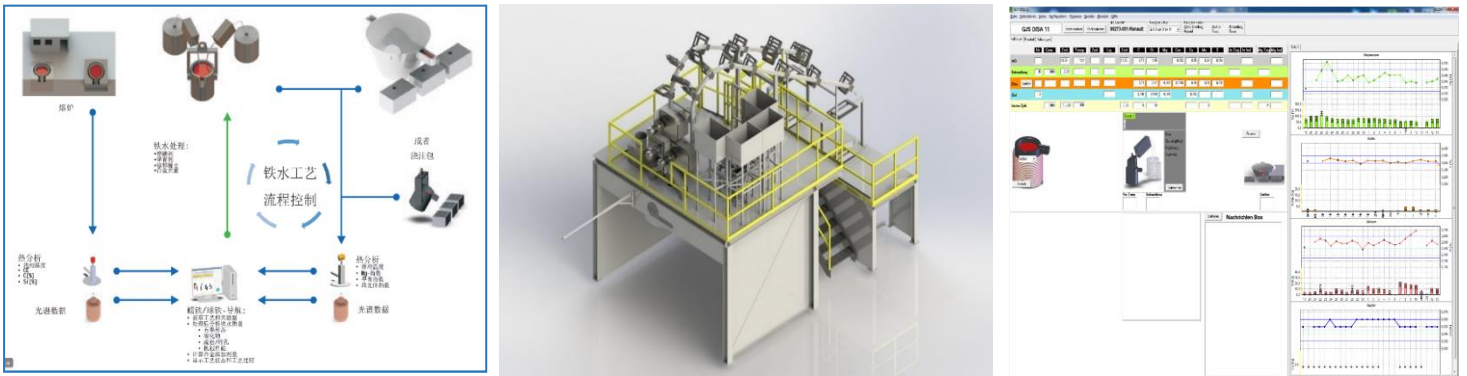
It realizes the on-line continuous temperature monitoring and measurement of electric furnace steelmaking without interrupting the inductive current, without destroying the foam residue, improving EAF thermal efficiency, shortening smelting time and reducing energy consumption. The fully-automatic temperature control of electric furnace smelting can be achieved.



Picture 33, Picture 34 and Picture 35: Diagrams of Fiber Continuous Temperature Measurement for EAF

Advanced Processing Solutions for Cast Iron Foundries

The system adopts a dynamic model of advanced thermal analysis and automatic vermicular treatment technology, with high precision online thermal measurement, to provide reliable quality assurance for the production of high-end vermicular iron castings, and ensure the qualified rate and stability of high-end vermicular iron production.



Picture 36, Picture 37 and Picture 38: Diagrams of Advanced Processing Solutions for Cast Iron Foundries

Heraeus UV Air Treatment System for Industrial Waste Air

Heraeus ultraviolet waste air treatment system fully considers the characteristics of unstable concentration and complex composition of the waste air, and provides an effective solution for the conditions of high air volume, low concentration and distinct odor. The online monitoring function has been added to monitor the real-time working status of the system, transmit real-time data and set alarms, ensuring the project effect

and assisting the factory to plan and launch emergency plans. It is ideal for several industries such as fragrance, textiles, rubber, fine chemical engineering, metal, coating, plastic, printing, automobile, and pharmaceutical.



Picture 39: Diagram of Heraeus UV Air Treatment System for Industrial Waste Air

Heraeus UV Disinfection Robot

Aiming at hospitals, commercial complexes, airports, railway stations, large public places and other environments with high requirements for cleanliness, Heraeus Noblelight has developed a series of UV disinfection robots. Through the use of disinfection robot, we could make the whole indoor air be sterilized and disinfected by UV radiation to guarantee the safety and health of indoor personnel even in some areas with a lot of people and high risk of infection. The Heraeus disinfection robot can automatically sterilize the room without dead angles through the preset

route. The autonomous obstacle avoidance function ensures safe operation in complex environments. At the same time, man-machine coexistence or human body monitoring function effectively avoids the harm and impact of direct UV radiation on the human body.



Picture 40: Product Diagram of Heraeus UV Disinfection Robot

Gas Catalytic Infrared Systems

Gas catalytic infrared systems convert natural gas or propane into water and carbon dioxide through the flameless reaction by using a special platinum catalyst. Infrared heat transfers energy and generates heat where it is needed. The process time can be reduced by up to 66% and the required space by up to 50% compared with the traditional system. Gas catalytic IR heat is ideal for several processes such as coating of heat-sensitive substrates such as MDF, powder coating metallic and non-metallic substrates, drying processes such as lacquer, food and leather and thermoforming of plastics.



See Know Group (Hong Kong) Co., Limited

◆ Brief Introduction to Exhibitors

Established in Hong Kong in 2019, it mainly engages in the promotion and sales of master batch and finished products of fully biodegradable materials. The BBM materials of this company are 100% biodegradable materials with high degradation speed, low cost and wide application areas. Its products are in great demand in China.

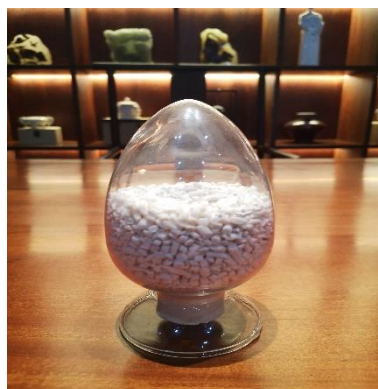
Contact Person: He Ziqi

Contact: 0592-6585866

◆ Highlights

BBM Fully Biodegradable Master Batch

First released in China, this invention can realize film blowing, extrusion, injection molding, plastic uptake, blow molding and film evaporation, obtaining the 3D printing material technology patent.



Picture 41: Product Diagram of BBM Fully Biodegradable Master Batch

BBM Fully Biodegradable Bottle

The fully biodegradable materials can be used to produce bottles of various specifications through the bottle blowing process without environmental pollution after use.



Picture 42: Product Diagram of BBM Fully Biodegradable Bottle

BBM Fully Biodegradable Filming

With perfect toughness and softness, it can be degraded naturally within 84 days after use without polluting the ecological environment.



Picture 43: Product Diagram of BBM Fully Biodegradable Filming

BBM Fully Biodegradable Daily Supplies

The high-texture and food-grade products will not harm the human body or pollute the environment after use and can realize natural composting.



Picture 44: Product Diagram of BBM Fully Biodegradable Daily Supplies

BBM Fully Biodegradable Toys

The natural ingredients never contain any plastic particles or chemical toxins. Its strong toughness makes it difficult to break and prevents children from eating by mistake.

BBM Full Biodegradable Bath Series

It can meet the need of biennial replacement, decompose to 100% natural ingredients in an internationally designated composting environment without soil toxicity, and can also be used for family composting.

BBM Fully Biodegradable Straws

With excellent bending strength, high stiffness, perfect smoothness, and without any chemical agents, plastic particles, environmental pollution after use, or intended recycling, they can be 100% degraded after 84 days of natural composting.



Picture 45: Product Diagram of BBM Fully Biodegradable Straws

BBM Fully Biodegradable COVID-19 Test Kits

The high-quality kits in line with international health standards for medical supplies can reduce pollution.



Picture 46: Product Diagram of BBM Fully Biodegradable COVID-19

Test Kits

BBM Fully Biodegradable One-off Tableware

With high quality and strength, no chemical agents or plastic particles, no harm to the human body or pollution to the environment after use, the products of easy recycling can be 100% degraded after 84 days of natural composting.



Picture 47: Product Diagram of BBM Fully Biodegradable One-off
Tableware



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Service hotline:

+86-21-968888



Official APP



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We are looking forward to seeing you at the third CIIE.

