

BLADES · PUNCHES & DIES · CUTTING SOLUTIONS

2008

Founded In

500+

Production Equipment

3

Production Bases

ISO9001:2015

Management System

210

Employees

50+

Testing Equipment

26500 m²

Workshop Area

ISO14001:2015

Management System



SINCE 2008

**Your Experts in
Food Processing & Packaging Blades**

Members of Ruili Group:



AnHui REALLY PRECISION TOOLS Co.,Ltd.

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Jiangsu Ruizhili intelligent Technology co.,Ltd.



Kunshan Xinruli Knife co., Ltd.



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AnHui REALLY PRECISION TOOLS Co.,Ltd.
A Member of Ruili Group

Five Major Advantages of Ruili Group

Raw Materials

- We source exclusively from renowned global steel mills to ensure exceptional stability and reliability. Our suppliers include ASSAB (Sweden), Böhler (Austria), CHUNBO & CERATIZIT, Daido Steel (Japan), Changcheng Special Steel, Fushun Special Steel, and Tiangong Special Steel.
- Each batch undergoes secondary inspection using handheld spectrometers, metallographic analyzers, and other precision instruments to guarantee accuracy.

Heat Treatment

- All heat treatment is performed in-house, ensuring complete process control and consistent quality.
- We operate 3 vacuum heat treatment furnaces, 5 high-low temperature tempering furnaces, and a liquid nitrogen ultra-deep cryogenic tank. Experienced technicians with over 20 years of expertise oversee the entire process to ensure superior quality and stability.

Grinding Processing

- Advanced equipment forms the foundation of our precision manufacturing. Our capabilities include imported coordinate grinding machines, slow wire cutting machines, surface grinding machines, and CNC machining centers, meeting the most stringent accuracy requirements.
- Our production team combines seasoned veterans and young professionals to uphold excellence.

Quality Inspection

- Acts as both a gatekeeper and an early warning system. Inspectors follow strict standardized procedures and maintain full documentation.
- Each facility is equipped with comprehensive inspection equipment, including CMMs, vision measuring systems, 2D height gauges, and sharpness testers.

After-Sales Service

- We take full responsibility for any product issues, responding promptly and resolving professionally. Every case is documented and analyzed to drive continuous improvement in production and quality assurance.
- All team members uphold the principle of "customer first." We believe after-sales service is not the end of a transaction, but the continuation of trust.



Ruili Group 15th Anniversary Celebration (April 2023)

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Ruili Group was established in 2008 and specializes in the R&D and manufacturing of industrial blades for multiple sectors, including lithium-ion new energy, photovoltaic new energy, plastic products, rubber products, paper products, food machinery, and packaging machinery. With nearly 20 years of technical expertise and innovation capabilities, we provide integrated solutions that meet global standards and have earned recognition from numerous Fortune 500 partners, including BYD Group, Wuxi Lead Group, Samsung (South Korea), LG (South Korea), and Gates Unitta (USA). Our innovative strength is widely acknowledged by industry leaders, making us a trusted technology partner within the advanced manufacturing ecosystem.

As of April 2025, Ruili Group has a workforce of 210 employees and a total production area of 26,500 m², equipped with over 500 precision manufacturing machines and more than 50 precision inspection instruments.

Ruili Group operates three advanced production bases.

Jiangsu Ruizhili intelligent Technology co.,Ltd.
Kunshan Xinruli Knife Co., Ltd.
AnHui REALLY PRECISION TOOLS Co.,Ltd.

Ruili Group has been certified as a National High-Tech Enterprise and has obtained ISO 9001:2008, ISO 14001:2015, EU CE, and other certifications. The average age of our key team members is just 29.5 years old — a dynamic production and R&D team that serves as the driving force behind our continuous progress. We are committed to diversified development and constant innovation within the industry, enhancing our core competitiveness. We believe that only through relentless improvement can we achieve greater heights, strengthen our market presence, and become the most trusted partner for our customers.

2008

Since

26500 m²

Factory area

50+

Testing Equipment

210

Number of employees

500+

Production Equipment

3

Production base

Ruili Group Headquarters — The Cradle of Ruili's Journey

Established in 2008 in Zhangpu Town, Kunshan City, Kunshan Xinruli Knife Co., Ltd. started its journey in an old factory building of less than 80 square meters, where a five-member team worked in a combined production and office space. At that time, the industrial blade market was intensely competitive, and the founders often faced cold receptions during business development.

Through relentless effort and dedication, Ruili earned customer trust with exceptional product quality. Today, the company operates from a modern 4,000-square-meter factory, equipped with dozens of imported processing and inspection machines. The team has grown to over 60 members, with certain workshops featuring constant-temperature air conditioning. Annual output value now exceeds 30 million RMB.

Anhui Production Base — Where Ruili Soars

Driven by a heartfelt commitment to revitalize his hometown, the founder of Ruili Group responded actively to local government initiatives and established AnHui REALLY PRECISION TOOLS Co.,Ltd. in 2016 — also known as the Anhui Production Base of Ruili Enterprise — in the steel city of Ma'anshan.

Covering an area of approximately 4,500 m², the base now employs over 70 staff and has an annual output value exceeding RMB 40 million, contributing more than RMB 3 million in taxes to the local community each year.

Amid the rapid growth of China's lithium-ion and photovoltaic new energy industries, Ruili Group.

Jiangsu Production Base — Where Ruili Accelerates

To further expand production capacity, the founder established Jiangsu Ruizhili intelligent Technology co.,Ltd. in early 2021 in Suqian, Jiangsu — the Jiangsu Production Base of Ruili Group. The base was successfully put into operation in less than three months. By the end of 2021, the total output value of Ruili's three production bases had exceeded the RMB 100 million mark.

In 2023, the company commenced and completed the second-phase construction of the base. To date, it boasts modern factory buildings spanning over 10,000 m², more than 60 employees, and an annual output value exceeding RMB 30 million. With plans to enter new industry sectors, Ruili is actively recruiting talent, investing in equipment, and striving to become a global leader in the industrial cutting sector.



Kunshan Xinruli Knife Co., Ltd.
(Ruili Group Kunshan Production Base)



AnHui REALLY PRECISION TOOLS Co.,Ltd.
(Ruili Group Anhui Production Base)



Jiangsu Ruizhili intelligent Technology co.,Ltd.
(Ruili Group Jiangsu Production Base)

About Packaging Machinery Blades

Blades for packaging machines come in a wide variety of sizes, styles, serrated profiles and materials.

We provide custom manufacturing according to your actual application requirements.

For material selection, blades can be made from a range of materials including high carbon steel, tool steel, stainless steel, high speed steel and tungsten steel.

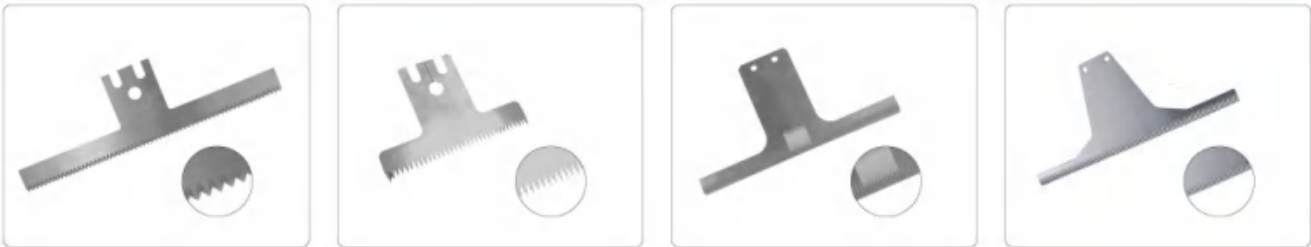
Different materials directly determine the service life and applicable working conditions of the blades.

In addition, blades can be processed with various surface coatings, such as TiN coating, Teflon coating, DLC coating and nano-ceramic coating.

The performance and characteristics of these coatings will be explained in detail later.

Materials	W.Nr.	Hardness
Cr12MoV	1.2601	HRC 58-60
SKD11	1.2379	HRC 58-60
SUS420J2	1.4028	HRC 48-53
SUS440C	1.4125	HRC 53-58
HSS	1.3343	HRC 60-63
M390(Böhler)		HRC 60-62
N680(Böhler)		HRC 58-60
Tungsten Carbide		HRA 90-91

Vertical Packaging Blades



Horizontal Packaging Blades



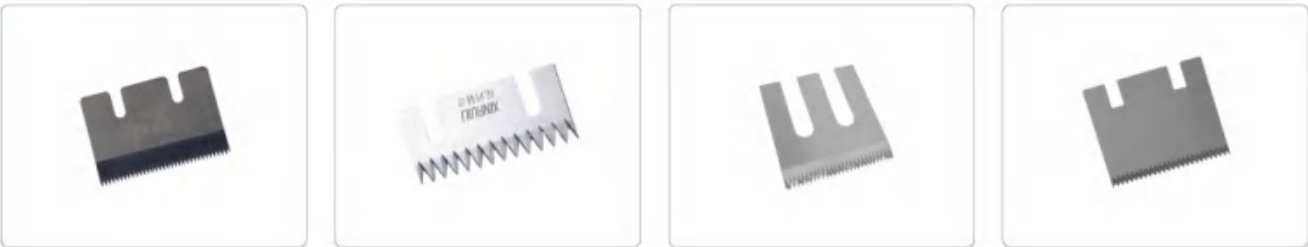
Form Blades

Form blades are mainly made of high-toughness materials, such as SUS301 stainless steel and SUS420J2 stainless steel.

Form blades can be customized according to your requirements. Equipped with fully automatic bending equipment, we can process any shape you need.



Tape Cutting Blades



Heat Sealing Blades

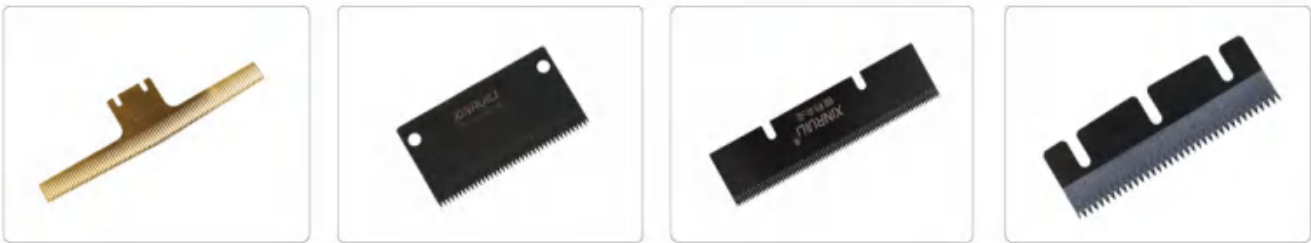


Other Packaging Blades



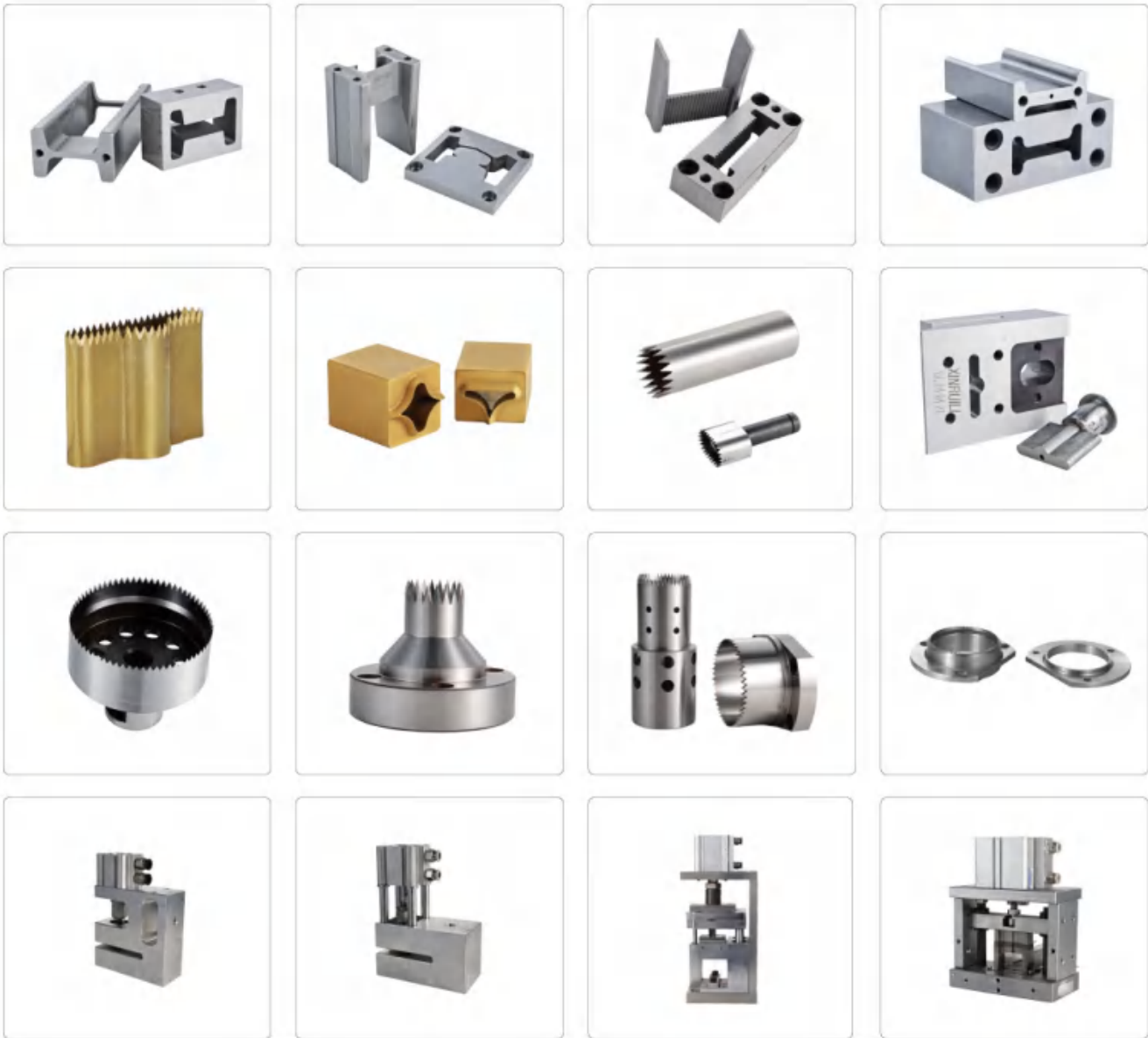
Blade Coating Introduction

Coating Name	Abbreviation	Features & Characteristics
Titanium Nitride	TiN	TiN coating appears golden yellow in color. It can enhance the surface hardness of the blade and slightly improve its corrosion and rust resistance. Teflon coating is available in various colors, most commonly black, gray, and blue. Blades
Teflon	PTFE	Coated with Teflon exhibit excellent non-stick performance and significantly improved rust and corrosion resistance. However, the coating is prone to wear and peeling
Diamond-Like-Carbon	DLC	DLC coating is black in appearance. It can effectively enhance the surface hardness of the blade, provide good lubricity, and slightly improve both corrosion resistance and non-stick performance
Nano-Ceramic		Nano-ceramic coating offers excellent non-stick properties and wear resistance. Blades coated with nano-ceramic are highly suitable for cutting adhesive tapes, films, and other materials that demand high non-stick performance.



Punches & Dies

Punches & Dies are highly customized and also our core main products. We provide exclusive design and customization according to your various requirements. Equipped with world-class wire-cut EDM machines, jig grinders and precision grinders, our processing and fitting accuracy can reach the micron level (μm). Available materials include Cr12MoV, SKD11, SUS440C, high-speed steel (HSS), tungsten steel and others. Different materials directly determine the service life and application conditions of punches & dies.



Circular Blades

Circular blades are widely used in the packaging machinery and food processing industries.

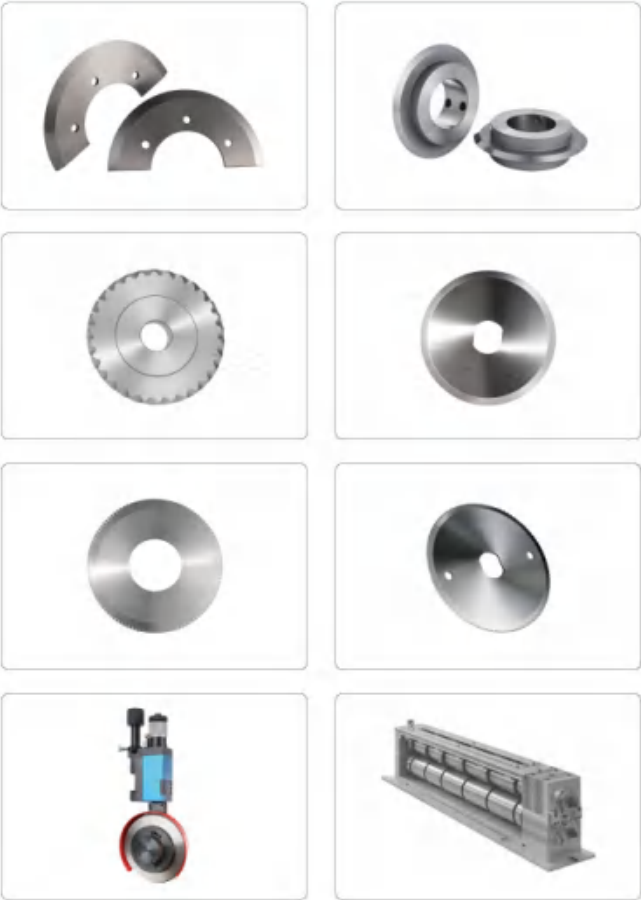
According to edge shapes, they can be divided into single-side edge, double-side edge, flat edge, serrated edge, etc.

To match different cutting materials and working environments, circular blades in suitable materials can be selected, including Cr12MoV, SKD-11, SUS420J2, SUS440C, high-speed steel, N680 (Böhler), M390(Böhler) and tungsten carbide.

Circular blades can also be coated with Teflon, titanium nitride and other coatings to meet special cutting requirements.

The circular blades produced by our company have a diameter range of $\phi 35\text{--}\phi 1000\text{ mm}$ and a blade thickness of $\geq 0.5\text{ mm}$.

Materials	W.Nr.	Hardness
Cr12MoV	1.2601	HRC 58-60
SKD11	1.2379	HRC 58-60
SUS420J2	1.4028	HRC 48-53
SUS440C	1.4125	HRC 53-58
HSS	1.3343	HRC 60-63
M390(Böhler)		HRC 60-62
N680(Böhler)		HRC 58-60
Tungsten Carbide		HRA 90-91



Serrated Profiles



Bowl Chopper Blades

Bowl chopper blades are manufactured from high-quality stainless steel. Through specialized heat treatment and precision grinding processes, the blades feature excellent toughness while maintaining a sharp cutting edge, delivering outstanding cutting performance during high-speed chopping and mixing. These blades are compatible with equipment from many internationally renowned brands, including ALPINA, GEA, LASKA, SEYDELMANN, etc.



Slicer Blades

We offer a wide range of slicer blades in various sizes, types and designs to meet diverse slicing applications.

They are suitable for slicing a variety of meat products such as beef, pork, bacon, ham, salami and sausages, as well as vegetables including tomatoes, cucumbers, peppers and potatoes.

Made from high-quality stainless steel, our slicer blades feature a sharp cutting edge and ensure uniform slicing.

Teflon coating is also available for excellent non-stick performance.

These blades are compatible with well-known brands including GEA, WEBER and TREIF, and custom production is available according to your specific requirements.



Slaughtering blades

Our blades for slaughtering equipment are made of high-quality stainless steel with excellent cutting performance and long service life. They are compatible with internationally renowned brands such as MAREL, FRONTMATEC and JARVIS, and can also be customized to your specific requirements.



Meat Grinder knives&plates

Pre-cut plates, reamer knives and hole plates can be manufactured from high-quality stainless steel or tool steel according to application requirements. Our products are compatible with internationally renowned brands such as SEYDELMANN, LASKA and GEA, and custom production is also available to meet your specific needs.
Size range: 100mm-400mm
Hole diameter range: 0.8mm-50mm

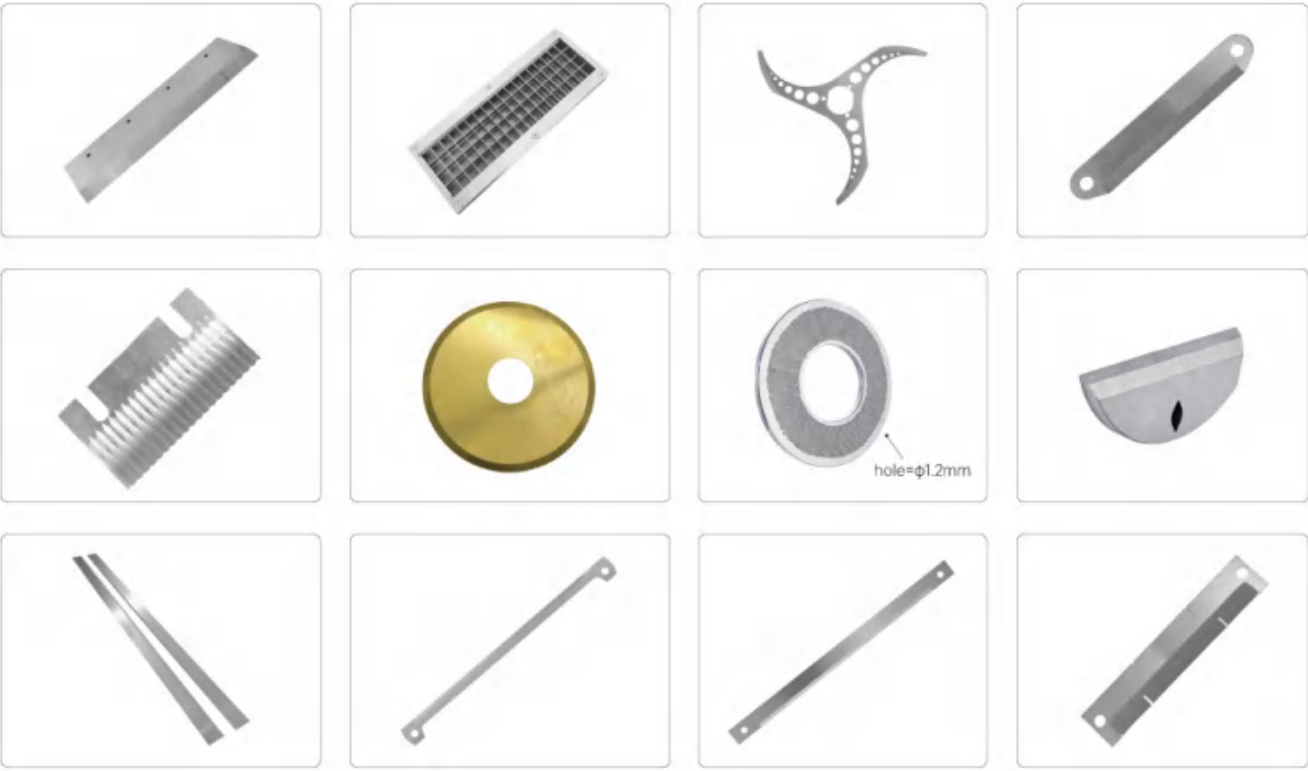


Dicer Blades

Dicer blades are manufactured from high-quality stainless steel, featuring excellent sharpness and wear resistance. They ensure precise and even dicing of meat, fruit, vegetables and other food products, delivering stable performance in high-speed operation. Our dicer blades are fully compatible with leading international brands such as URSCHEL, FAM, and custom solutions are also available according to your specific requirements.



Other Blades



Production Area Display
Equipment Display



Customization Available for All Products **XINRULI**

Production Area Display

Office area



Quality inspection area



Equipment Display



The Laboratory of Blades

