

COMPANY BROCHURE



Official Website

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HENGERDA | STOCK CODE
3 0 0 9 4 6

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CORPORATE PHILOSOPHY

R&D Philosophy:

Deep Research. Bold Innovation. Relentless Improvement.

Manufacturing Philosophy:

Efficient Operations. Lean Production. Smart Manufacturing.

Service Philosophy:

Fast Response. Attentive Listening. Trusted Service. Focused Solutions.

Hengerda New Materials (Fujian) Co., Ltd. (STOCK CODE:300946) was founded in 1995 and is publicly listed on China's A-share market. It is a national high-tech enterprise focusing on the new metal materials and the national-level "Specialized, Sophisticated, Distinctive, and Innovative Little Giant" enterprise.

The company is committed to advancing three major product portfolios: intelligent CNC equipment (industrial mother machines), high-performance metal cutting tools, and precision functional components including linear guides, ball screws, and planetary roller screws. With comprehensive capabilities in R&D, manufacturing, sales, and service, these product lines deliver integrated solutions that support the upgrading of global intelligent manufacturing.

The successful acquisition of Germany's SMS Maschinenbau GmbH (SMS Precision Machinery), which is the market leader in CNC profile and thread grinding, represents a key milestone in the company's international strategy. This move reinforces market expansion, and significantly enhances competitiveness in high-end CNC equipment and high-precision rolling functional components.

ABOUT HENGERDA



Hengerda New Materials Industrial Park

Corporate Spirit

Perseverance and dedication

Core Values

Pursue quality, operate with integrity, and be dedicated to society

CORPORATE CULTURE

Mission Statement

Advancing metal cutting and intelligent manufacturing through innovation.
Powering china's industrial development.

Our Vision

To become a long-established, reputable, and world-leading enterprise

INDUSTRY OVERVIEW

Metal cutting tools are the cornerstone of modern manufacturing and the driving force behind precision machining. As the "teeth of industry", they play a vital role in advanced manufacturing, supporting industries ranging from aerospace and automotive to energy, electronics, and industrial automation.

With the rapid advancement of smart manufacturing, the industry is embracing automation, digitalization, integrated production, and sustainable technologies. As a critical pillar of industrial modernization, intelligent equipment is accelerating the transformation of global manufacturing toward greater efficiency, precision, and innovation.

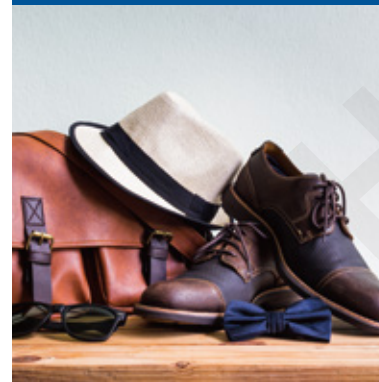
Enabling Precision.
Driving Intelligent Manufacturing.



Applications



Light Industry



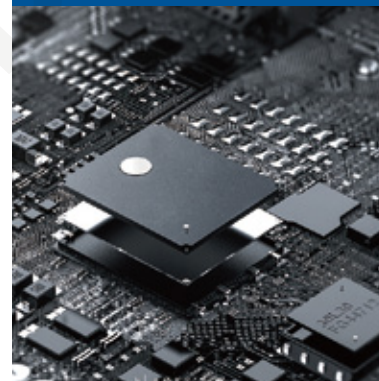
Equipment Manufacturing



Automotive



Electronics Semiconductors



Aerospace



Industrial Machine Tools



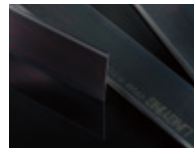
CORPORATE HISTORY



Completed building the Xindu production plant, expanding rule die steel production capacity.

EXPANSION

2007



Initiated the IPO process. Expanded the die-cutting tool portfolio.

IPO PREPARATION

2017



Expanded into intelligent equipment with CNC circular saw machines and carbide band saw blades.

INTELLIGENT EQUIPMENT

2019



Listed on the ChiNext Market of the Shenzhen Stock Exchange.

PUBLIC LISTING

2021



Led the development of industry standards and was recognized as a national "Little Giant" enterprise.

INDUSTRY LEADERSHIP

2023



Expanded international partnerships and R&D collaboration.

GLOBAL INTEGRATION

2025

1995

FOUNDATION

Founded in Putian, China. Developed and commercialized heavy-duty die-cutting steel.



2012

DIVERSIFICATION

Developed bi-metal band saw blades and composite steel strip. Expanded into heavy manufacturing applications.



2018

RESTRUCTURING

Completed corporate restructuring and established Hengerda New Materials.



2020

R&D BREAKTHROUGH

Die steel technology project achieved an internationally leading level. Expanded into intelligent cutting and CNC band saw equipment.



2022

FUNCTIONAL COMPONENTS

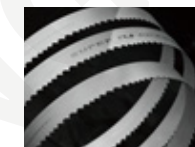
Entered the high-precision functional components sector with linear guideways.



2024

GLOBAL EXPANSION

Acquired Germany-based SMS Maschinenbau GmbH, strengthening capabilities in high-precision thread and profile grinding.



BEYOND THE FUTURE

From China to the world, advancing toward global leadership.

AWARDS RECOGNITION



Qualification Product Certificate

- Quality Management System Certificate
- Environmental Management System Certificate
- Occupational Health and Safety Management System Certificate
- Work Safety Standardization Certificate
- Standard Innovation Enterprise Certificate
- Linear Guide Sub-Assembly – RoHS Compliance Certification
- CE Certificate-Cnc High-Speed Bandsaw Machines/Cnc Circular Saw Machines/Ma-
chining Centers
-

10+
CERTIFICATES



Patent Certificates

- High-Efficiency Double-Sided Grinding Equipment and Method for Die Steel
- Welding Equipment and Welding Method for Bimetal Band Saw Blades
- Horizontal Harmonic Drive Rotary Worktable
- Integrated Milling and TOOTH Passivation Device for Bimetal Band Saw Blades
- Self-Lubricating Coating for High-Speed Steel and Its Preparation Method
- Multi-Layer Flat Feeding Device for High-Strength, High-Toughness Die-Cutting
Knives
- Inclined Pull-TYPE Feeding Device for Circular Saw Machines and Its Application
Method
- Linear Guide Grinding Accuracy Adjustment System and Method
- Vibration-Optimized Structure and Vibration Feedback Control System for
Gantry-Type Slicing Machines
- Quenching Equipment and Method for Linear Guide Sub-Assemblies
-

90+
PATENTS



Honor Qualification

- National High-Tech Enterprise
- The national-level "Specialized, Sophisticated, Distinctive, and Innovative Little
Giant" enterprise
- National Intellectual Property Advantage Enterprise
- Science and Technology Progress Award
- Single Champion Product of Fujian Manufacturing Industry
- Provincial science and technology small giant leading enterprise
- National Intellectual Property Advantage Enterprise
- Fujian Province Patent Award
- High-growth Industrial and Informatization Enterprise in Fujian Province
- Service-Oriented Manufacturing Demonstration Enterprise in Fujian Province
- Fujian Quality Benchmarking Enterprise
- Fujian Province Intelligent Manufacturing Pilot Demonstration Enterprise
-

100+
HONORS

PRODUCT FAMILY

Leveraging three core proprietary technologies—metal heat treatment, advanced metal processing, and automated special-purpose equipment manufacturing, Hengerda has developed an integrated portfolio of die-cutting tools, sawing tools, intelligent CNC equipment, and high-precision rolling functional components.

Committed to serving industries including light industry, equipment manufacturing, construction materials, automotive, electronics & information technology, and aerospace, Hengerda delivers high-efficiency, high-precision, and material-saving cutting solutions that advance import substitution and accelerate intelligent manufacturing.

THREE CORE PROPRIETARY TECHNOLOGIES

01



METAL
HEAT TREATMENT



02



ADVANCED METAL
PROCESSING



03



AUTOMATED
SPECIAL-PURPOSE
EQUIPMENT
MANUFACTURING



Integrated Product Portfolio:

01

LINEAR MOTION
SOLUTIONS



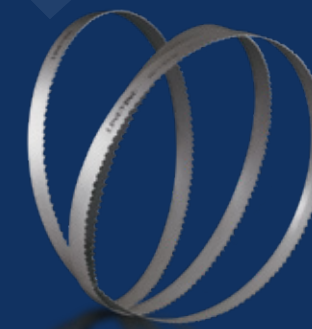
LINEAR GUIDEWAYS

BALL SCREWS

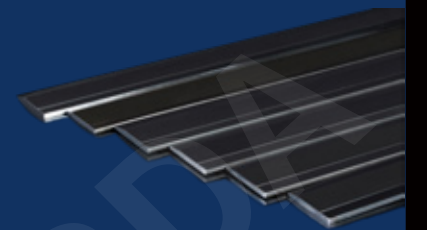
PLANETARY ROLLER SCREWS

02

CUTTING TOOLS



BAND SAW BLADES



DIE-CUTTING TOOLS

03

INTELLIGENT
MACHINES



UNIVERSAL PROFILE
GRINDING MACHINES



CIRCULAR SAW MACHINES

LINEAR MOTION SOLUTIONS

High precision. Smooth motion. Reliable performance.

01

PLANETARY ROLLER SCREW

High efficiency, high load capacity and long service life.



02

LINEAR GUIDEWAYS

Low noise, high smoothness and high rigidity.



03

BALL SCREW

High positioning accuracy and stable transmission.



BALL SCREW

Ball screws deliver high efficiency and accurate linear motion, widely used in machine tools, automation equipment and precision systems.



HIGH ACCURACY

Ensures precise positioning and repeatability.



HIGH EFFICIENCY

Low friction, high transmission efficiency.

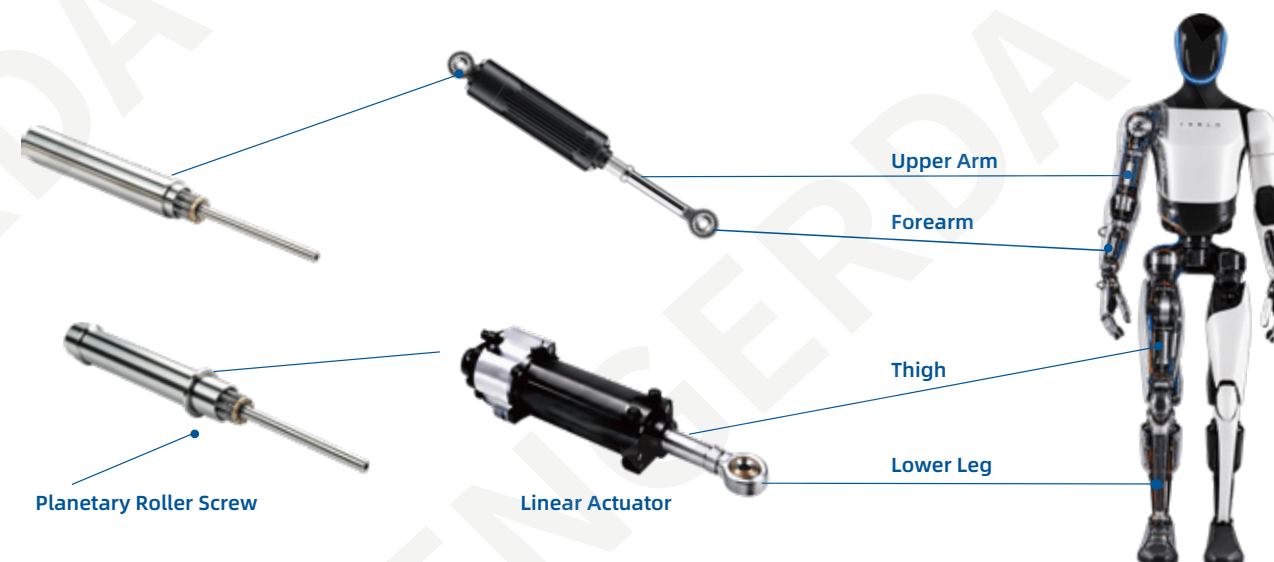


LONG SERVICE LIFE

Advanced design for durability and reliability.

PLANETARY ROLLER SCREW

CORE DRIVE COMPONENTS FOR EMBODIED ROBOTS



HIGH PRECISION



HIGH LOAD CAPACITY



LONG SERVICE LIFE

LINEAR GUIDEWAY



PRODUCT CHARACTERISTICS:



LOW NOISE



HIGH LEVEL OF PRECISION



EASY TO ASSEMBLE



LONG SERVICE LIFE



HIGH LOAD CAPACITY

PRODUCT SERIES



SSA SERIES

Compact structure, high load capacity, suitable for general industrial equipment and automation systems.



SUA SERIES

Heavy load design, high rigidity, suitable for high precision machine tools and high load applications.



DSA SERIES

High rigidity and high precision, four-row ball design, ideal for demanding applications.

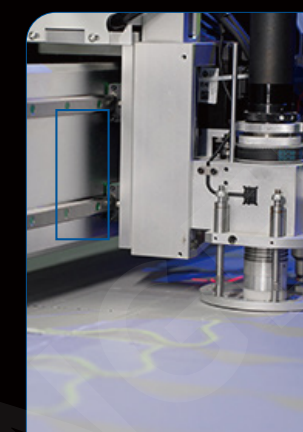
APPLICATIONS



MEDICAL EQUIPMENT



SEMICONDUCTOR EQUIPMENT



GENERAL AUTOMATION



CNC MACHINE TOOLS

DIE-CUTTING TOOLS

Hengerda provides a comprehensive portfolio of die-cutting solutions, including heavy-duty die steel, light-duty die-cutting tools, die-cutting knives, rotary die-cutting knives and creasing rules. Our products combine high precision, excellent durability and consistent performance to meet the diverse requirements of modern manufacturing.

Our rule die steel has been ranked No. 1 in global market share for consecutive years, demonstrating our strong market position and manufacturing capabilities.

Our products are widely used across clothing, footwear, bags, toys, packaging, printing, automotive interiors, leather goods, PU, fabric, paper and other industries.



LING YING



DAJU 达矩



● ROTARY DIE-CUTTING BLADES >>

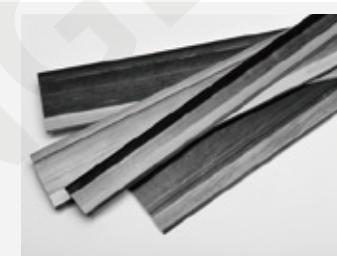
● RULE DIE STEEL >>

● STEEL RULES >>

HEAVY-DUTY DIE-CUTTING TOOLS

● RULE DIE STEEL

END-USE PRODUCT WORKFLOW



Die Steel



Die Cutting



End Product



TECHNOLOGY FEATURES

After induction heat treatment, the cutting edge of rule die steel has remarkable advantages of high strength and toughness, which can meet the quality requirements of die cutting.

APPLICATION

Rule die steels are widely used in footwear, toys, bags, stationery and sporting goods, automotive interior trim and other industries.

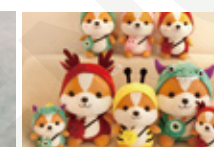
Suitable for die-cutting applications involving multiple material layers and heavy cutting loads. After cold bending and seam welding, heavy-duty die steel can be used directly for die-cutting operations.



AUTOMOTIVE
INTERIOR TRIM



STAMPING DIE



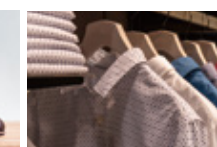
TOYS



FOOTWEAR



BAGS



CLOTHING

LIGHT-DUTY DIE-CUTTING TOOLS

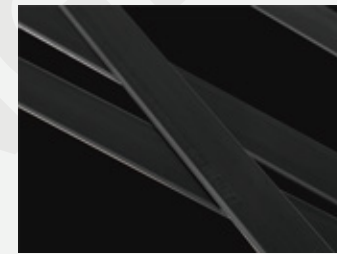
ROTARY DIE-CUTTING RULES



STEEL RULES



END-USE PRODUCT WORKFLOW



Blade strip material



Die Cutting



End Product



TECHNOLOGY FEATURES

The thin blade strip needs to be fastened by a die-pressed board made of wood or PVC once it has been formed into a cutting rule.

APPLICATION

Suitable for few-layer materials, light load cutting in the fields of printing, electronic information, crafts, etc.



CARDBOARD
FORMING



FEW-LAYER MATERIALS



LIGHT LOAD
CUTTING



ELECTRONIC
INFORMATION



HANDICRAFTS



PRINTING

BAND SAW BLADE

Since 2011, after accumulating years of technology and production experience, Hengerda has been continuously developing a range of bi-metal band saw blades, carbide tipped band saw blades, and band saw blades for wood, and has self-owned brands such as Super RJ, RJ, LINGYING and DAJU. Our bi-metal band saw blades lead the market in China with top production and sales.

super RJ 锐锯 **RJ** 锐锯 **LINGYING** **DAJU** 达锯



PRODUCT OVERVIEW



CARBIDE-TIPPED BAND SAW BLADES

- DESCRIPTION** Featuring ultra-fine carbide teeth and high-quality spring-steel backing for precise and efficient cutting.
- KEY BENEFITS** High wear resistance, high cutting efficiency, long service life.
- APPLICATIONS** Metal cutting, alloy materials, machining, mold manufacturing.



BI-METAL BAND SAW BLADES

- DESCRIPTION** Blades combining high-strength backing steel with high-performance tooth materials.
- KEY BENEFITS** Durability, cutting stability, cost-effectiveness.
- APPLICATIONS** General machinery, automotive, mold making and metal processing.



WOOD-CUTTING BAND SAW BLADES

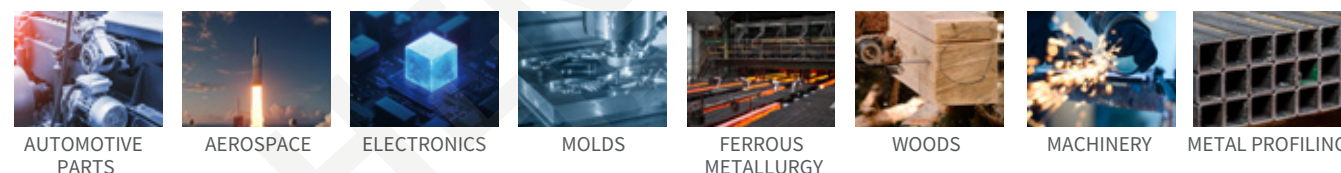
- DESCRIPTION** Designed for efficient and stable cutting of wood and other non-metallic materials.
- KEY BENEFITS** Sharp teeth, smooth cutting, long service life.
- APPLICATIONS** Hardwood, softwood, furniture and wood processing.



CERMET CIRCULAR SAW BLADES

- DESCRIPTION** Cermet-tipped blades with precision-ground tooth geometry for stable and efficient cutting.
- KEY BENEFITS** High hardness, wear resistance, excellent surface finish.
- APPLICATIONS** Metal pipes, profiles, solid materials and industrial cutting.

APPLICATION



INTELLIGENT EQUIPMENT

Intelligent Machines include Universal Profile Grinding Machines, Circular Saw Machines, High-Speed Band-saw Machines, Machining Centers, etc.

01 HIGH-SPEED BANDSAW MACHINES

- ENERGY SAVING**
Total energy-saving up to 15-30%.
- INTELLIGENT CONTROL**
Real-time monitoring and adaptive control.
- HIGH EFFICIENCY**
High-speed cutting, longer blade life.

02 CIRCULAR SAW MACHINES

- HIGH RIGIDITY**
One-piece cast base, stable and durable.
- PRECISION**
Linear guides and ball screws for accuracy.
- RELIABLE PERFORMANCE**
High stability to meet demanding requirements.

03 GRINDING MACHINES

- HIGH PRECISION**
Ultra-precision grinding for excellent results.
- FLEXIBLE CONFIGURATION**
Multiple configurations for various workpieces.
- WIDE APPLICATIONS**
Thread, gear, and profile grinding solutions.

04 MACHINING CENTERS

- HIGH ACCURACY**
C3 grade ball screws, precise positioning.
- FAST RESPONSE**
Servo system for high dynamic performance.
- MULTI-INDUSTRY APPLICATIONS**
Automotive, aerospace, mold, and more.



➤ HIGH-SPEED BANDSAW MACHINES

➤ CIRCULAR SAW MACHINES

➤ GRINDING MACHINE

➤ MACHINING CENTERS

PRECISION GRINDING MACHINE

ONE THAT DOES IT ALL



• ROBOTIC AUTOMATION

6 - axis FANUC robot with multiple pallet stations for fast workpiece changeover.

• HEIDENHAIN PRECISION MEASUREMENT

Ensuring superior machining accuracy.

• SIEMENS 840D SL CNC

With digital servo drives for high-performance control.

• SMS HMI

With dialogue-based programming for easy operation and short setup times.

• SIEMENS DRIVE & CONTROL

Latest digital servo drives for high performance.

• HEIDENHAIN PRECISION

High-accuracy length and angle measurement systems.

• EASY PROGRAMMING

Siemens 840D sl CNC with intuitive SMS HMI.

• FAST SETUP

Dialogue-based interface significantly reduces setup time.

• MODULAR DESIGN

Supports a wide range of grinding applications.

• ULTRA-PRECISE & PRODUCTIVE

Ideal for high-accuracy, high-efficiency grinding.

• VERSATILE APPLICATIONS

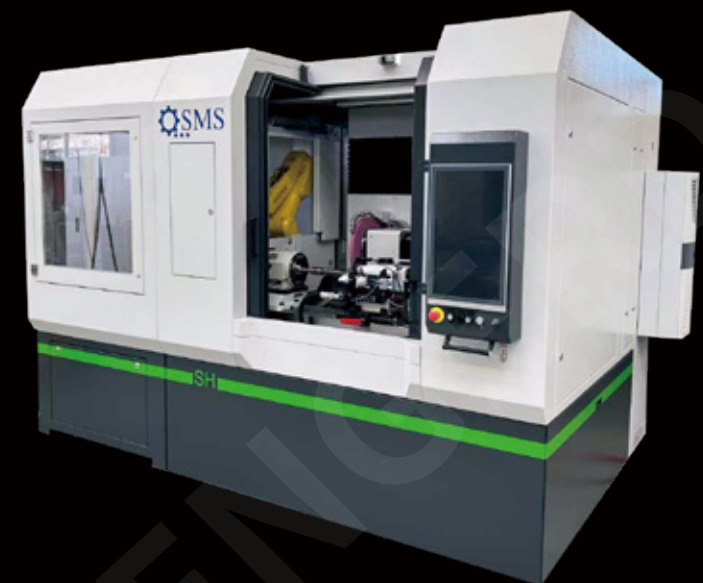
Suitable for threads, gears, and gear cutters.



TAP & SCREW GRINDING MACHINE
GBA 202 \ 203 \ 204 \ 360



INTERNAL THREAD GRINDING MACHINE
GI 50 \ 60 \ 80 \ 120 \ 160



UNIVERSAL PROFILE GRINDING MACHINE
SH 60 \ 100 \ 200 \ 300

TECHNOLOGY INNOVATION

Obtaining

100+

National Authorized Patents



Drafting and formulating industry standards



The national-level "Specialized, Sophisticated, Distinctive, and Innovative Little Giant" enterprise



National high-tech enterprise



National intellectual property advantage enterprise

INNOVATIVE RESEARCH ACHIEVEMENTS

DIE-CUTTING TOOLS

Lead in drafting and formulating industry standards for die-cutting tools

BI-METAL BAND SAW BLADES

High-performance bi-metal band saw blades-internationally advanced technology

The project "Key Technology R&D and Application for Die Steel" was evaluated by the China National Light Industry Council and recognized as achieving internationally leading standards.

This production line for heavy-duty die-cutting tools well exceeded the early limit of processing only a single 2-meter profile per batch. The line can produce rolls of die-cutting steel and band saw cutting tools without welding. It helped to form a continuous operation, stable quality, complete automatic production line.

The product High-Performance Bimetal Band Saw Blade was assessed by the China Machine Tool & Tool Builders' Association and recognized as reaching internationally advanced technical standards.

R&D CAPABILITY

Hengerda is committed to technological innovation through in-house R&D and long-term collaboration with leading universities and research institutions.

RESEARCH PARTNERSHIPS



POSTDOCTORAL RESEARCH WORKSTATION

Dedicated platform for advanced industrial R&D.



ACADEMICIAN EXPERT WORKSTATION

Established in collaboration with leading academic expertise.



UNIVERSITY RESEARCH COLLABORATION

Joint research in specialized technologies and high-precision grinding.

EXPERTISE & CERTIFICATION

PATENT CERTIFICATE



Quenching Production Line for Die Steel, Quenching Method, and Die Steel Processing Method



High-Efficiency Double-Sided Grinding Equipment and Method for Die Steel



Welding Equipment and Welding Method for Bimetal Band Saw Blades



Linear Guide Grinding Accuracy Adjustment System and Method



Quenching Equipment and Method for Linear Guide Sub-Assemblies

INDUSTRY RECOGNITION



Die-Cutting Knife Industry Standard - Led drafting and formulation.



High-Performance Bimetal Band Saw Blade - Product evaluated and certified [2024] No. 01 by the China National Machinery & Tool Association.



Linear Guide Sub-Assembly-RoHS Compliance Certification



CONTINUOUS INNOVATION



STRONGER TECHNOLOGY



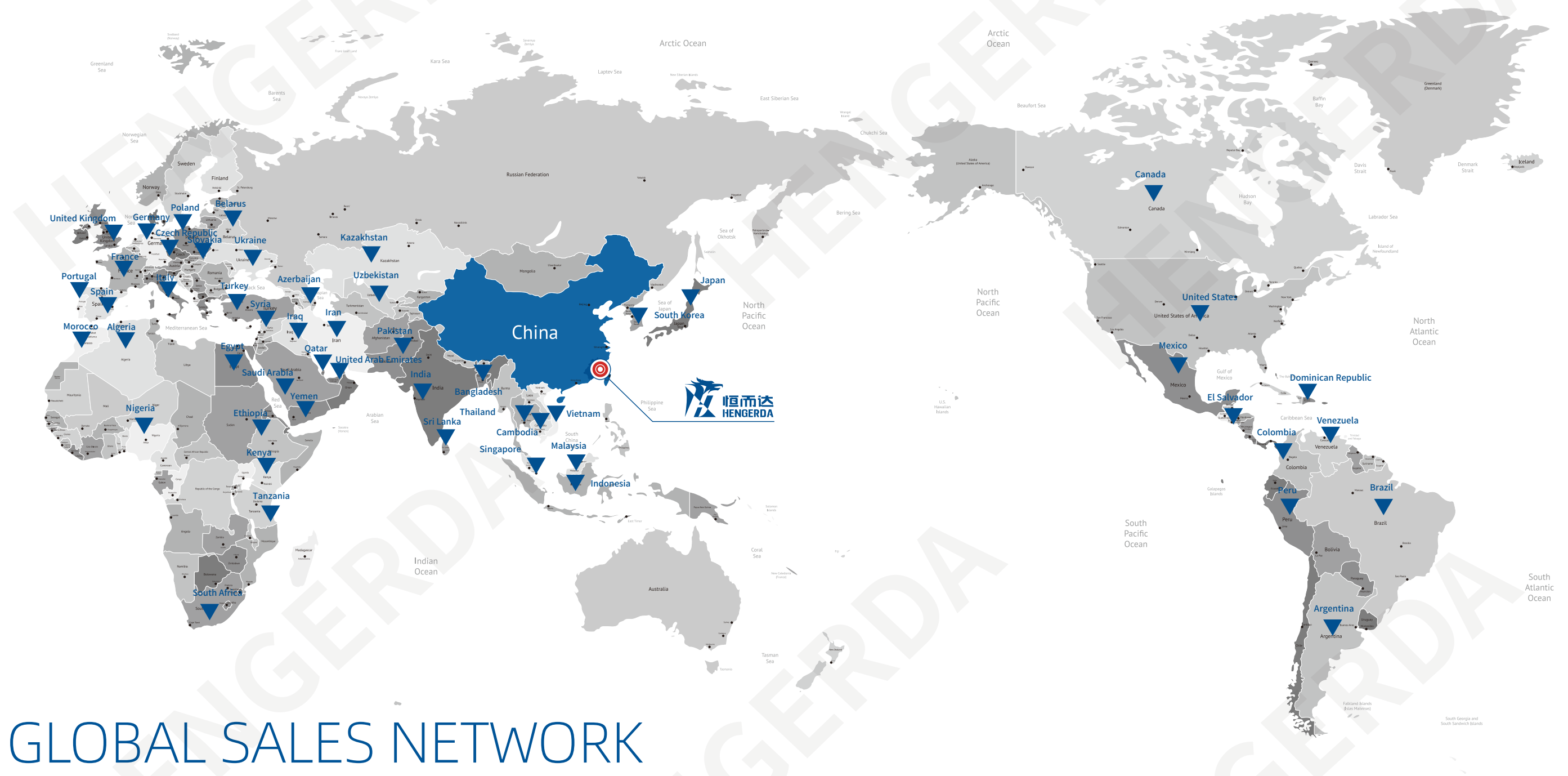
GREATER VALUE

EXPERTISE & RECOGNITION

Hengerda will continue to promote technological progress and create greater value for customers through innovation.

SALES NETWORK

Rooted in China. Serving the world.



GLOBAL SALES NETWORK

Asia

Japan	Vietnam	Syria	Saudi Arabia
South Korea	Malaysia	Turkey	Kazakhstan
Singapore	Qatar	Azerbaijan	Yemen
Bangladesh	Indonesia	Uzbekistan	
India	Pakistan	Iraq	
Thailand	Iran		
Cambodia	United Arab Emirates		

Europe

Portugal	France
Czech Republic	Poland
United Kingdom	Ukraine
Belarus	Germany
Italy	Slovakia
Spain	

North America/South America

Canada	Brazil
United States	Argentina
Mexico	Peru
El Salvador	
Dominican Republic	
Colombia	
Venezuela	

Africa

South Africa	Kenya
Egypt	Ethiopia
Morocco	Tanzania
Algeria	
Nigeria	



Looking ahead, Hengerda will continue to increase investment in research and development, further enhancing the performance and quality of its existing products while advancing the integrated development of comprehensive metal cutting tool portfolios and intelligent equipment solutions. The company is committed to elevating its products from domestic substitution to global leadership, striving to become a leading Chinese and internationally recognized innovator in industrial machine tools, core working components, and high-precision functional components. By combining China's manufacturing efficiency with world-class technologies and expertise, Hengerda will continue to deliver greater value to customers worldwide and contribute to the advancement of global intelligent manufacturing.



PRODUCT CONSULTATION HOTLINE

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