

# INTELLIGENT CONTROL SUPER FACTORY

## 智控超级工厂

Lanyuan Technology's fully automatic intelligent production workshop deeply integrates automation, intelligence, efficiency and precision technologies, and builds a full-process intelligent management and control system, which avoids the risk of quality fluctuations that are easily caused by human work. The workshop empowers traditional manufacturing with intelligent technology and successfully sets an industry benchmark for supporting the automated production of products.

Every support product born here embodies cutting-edge technology, providing strong empowerment for support projects in the global mining and infrastructure industries.

Here, there is no rumbling noise, only the harmonious rhythm of machine operation. While traditional manufacturing is still chasing efficiency, this smart workshop has already interpreted the new manufacturing philosophy of "precision, efficiency and reliability" with data-driven flexible production, becoming the hard-core confidence for the enterprise to lead the industry.

澜源科技的全自动智能化生产车间，将自动化、智能化、高效化与精密化技术深度融合，构建起全流程智能化管控体系，从根源上规避了人工作业易引发的质量波动风险。车间以智能化技术为传统制造赋能，成功树立起支护产品自动化生产的行业标杆。

诞生于此的每一件支护产品，均凝聚着尖端技术，为全球采矿及基础设施行业的支护工程提供有力赋能。

这里没有轰鸣的噪音，只有机器运转的和谐韵律；当传统制造还在追赶效率时，这座智能车间已用数据驱动的柔性生产，诠释着“精准、高效、可靠”的新制造哲学，成为企业领跑行业的硬核底气。



Fully automatic production line for Friction bolt  
管缝锚杆全自动生产线



Fully automatic production line for Expandable rock bolt  
水力膨胀式锚杆全自动生产线



Fully automatic production line for Coal bolt  
煤炭锚杆全自动生产线



Fully automatic production line for Paddle bolt  
船桨锚杆全自动生产线



Fully automatic production line for Resin capsule  
锚固剂全自动生产线



Fully automatic production line for 500t plate  
500T托盘全自动生产线



守护之盾

# GUARDIAN SHIELD

+

The Global Leader In Integrated Support Solutions  
全球支护一体化解决方案引领者



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# LANYUAN INTELLIGENT MANUFACTURING DECLARATION

## 澜源智造宣言

60000 m<sup>2</sup>

SUPER INTELLIGENT CONTROL  
FACTORY  
超级智控工厂

With support and accumulation as the foundation, mining safety as the driving force, and innovation and iteration as the engine.

The 60,000m<sup>2</sup> intelligent factory forges zero-defect support products for the global mining industry. From raw material selection to finished product delivery, the entire process is digitally monitored and quality precision is strictly controlled. Over a hundred specifications of products have passed ISO9001, ISO45001, and ISO14001 system certifications. It has built a solid safety defense line for more than 150 domestic and foreign mining and tunnel projects.

23+

FULLY AUTOMATIC INTELLIGENT  
PRODUCTION LINE  
全自动智能生产线

We tailor our products to the unique needs of each project, ensuring reliable support for every project. Providing high-quality products and safeguarding the safety of the support field have always been our goal.

以支护积淀为根基，以矿山安全为动力，以创新迭代为引擎。

六万平方米智能工厂，为全球矿业锻造零缺陷支护产品，从原材料甄选到成品出厂，全程实现数字化监控与质量精度把控，上百种规格产品均通过ISO9001、ISO45001、ISO14001体系认证，累计为国内外150+矿山与隧道项目筑牢安全防线。

1BILLION

COMPREHENSIVE ANNUAL  
OUTPUT VALUE  
综合年产值

我们针对每个项目的独特需求量身定制，让每一项工程都能得到可靠的支护保障，提供高质量产品和守护支护领域安全是我们一直坚定的目标。



## DIGITAL QUALITY INSPECTION CENTER

### 数字化质检中心

At Lanyuan, the unwavering pursuit of product quality runs through every stage of production. The quality inspection laboratory is undoubtedly a solid fortress safeguarding product quality, and it has also made Lanyuan Technology's products renowned for their high quality in the market, earning wide trust from customers.

A professional digital quality inspection center, equipped with top-notch precision inspection equipment in the industry, ensures quality assurance throughout the entire life cycle of mine support products. From the sampling inspection of raw materials upon their entry into the factory, to the phased testing of semi-finished products during the production process, and then to the final quality verification of finished products, every link is subject to strict standards and norms.

在澜源，对产品品质的执着追求贯穿于生产的每一个环节，质检实验室无疑是守护产品质量的坚固堡垒，也让澜源科技的产品在市场上以高品质著称，赢得客户的广泛信赖。

专业数字化质量检测中心，配备行业顶尖的精密检测设备，确保矿用支护产品全生命周期质量保障。从原材料入厂的抽样检验，到生产过程中半成品的阶段性检测，再到成品的最终质量核验，每一个环节都有严格的标准与规范。



## LAYOUT GLOBAL BUSINESS

### 全球业务布局

#### 📍 Six Major Manufacturing Bases And Twelve Overseas Warehouses

6大制造基地、12个海外仓

Southern Africa region, Europe region, South America region, North America region, Central Asia region, Australia region.

南部非洲地区、欧洲地区、南美地区、北美地区、中亚地区、澳洲地区。

#### 📍 Lanyuan Global Business Division

澜源全球业务分部

United States, Canada, Sweden, Norway, Russia, Malaysia, Colombia, Brazil, Chile, Argentina, South Africa, Botswana, Zimbabwe, Zambia, China.

美国、加拿大、瑞典、挪威、俄罗斯、马来西亚、哥伦比亚、巴西、智利、阿根廷、南非、博茨瓦纳、津巴布韦、赞比亚、中国等。

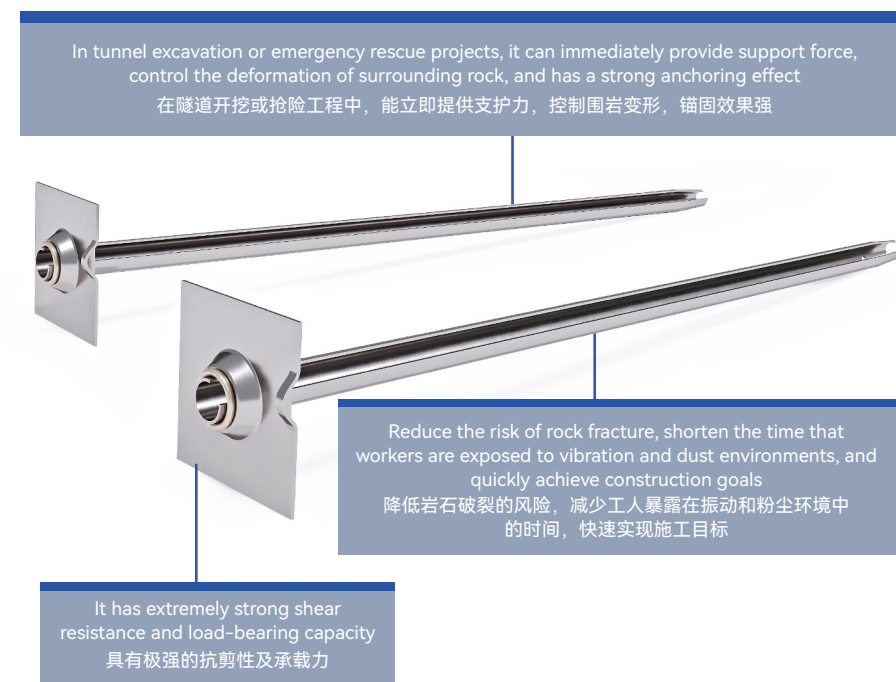


## FRICION BOLT

### 管缝锚杆

A support system that reinforces rock masses through friction, the product is mainly applied in geotechnical engineering, mine support, tunnel excavation and various underground engineering fields.

一种依靠摩擦作用实现岩体加固的支护系统，产品主要应用于岩土工程、矿山支护、隧道掘进及各类地下工程领域。

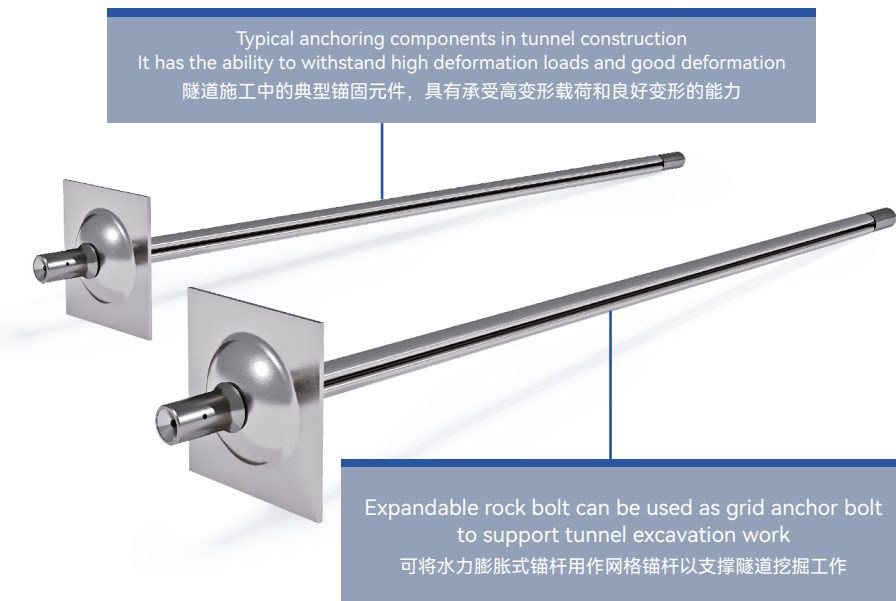


## EXPANDABLE ROCK BOLT

### 水力膨胀式锚杆

A unique rock anchoring device is formed by folding a welded tubular material inward and sealing it at one end. The product is mainly applied in various tunnel and mining systems.

一种独特的岩石锚固装置，由一根焊接而成的管状材料向内折叠并在一端密封而成。产品主要应用于各种隧道和采矿系统中。

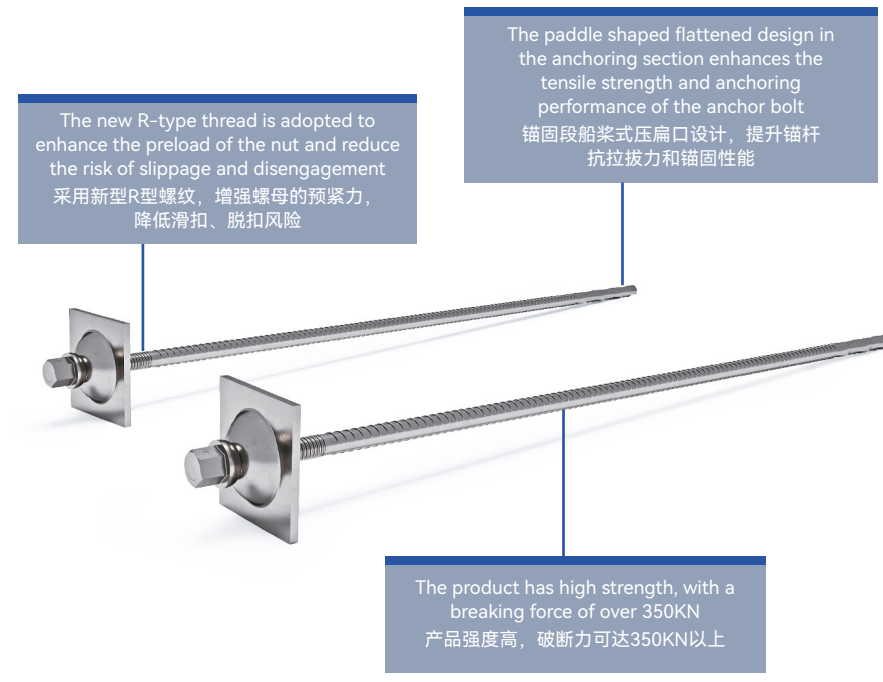


## PADDLE BOLT

### 船桨锚杆

An efficient anchoring system designed for complex roadway conditions, the product is mainly applied in fields such as rock burst roadways, soft rock roadways, roadways with broken surrounding rock, and roadways with easily collapsed holes along the air.

一种针对复杂巷道条件设计的高效锚固系统，产品主要应用于冲击地压巷道、软岩巷道、破碎围岩巷道、沿空易塌孔巷道等领域。

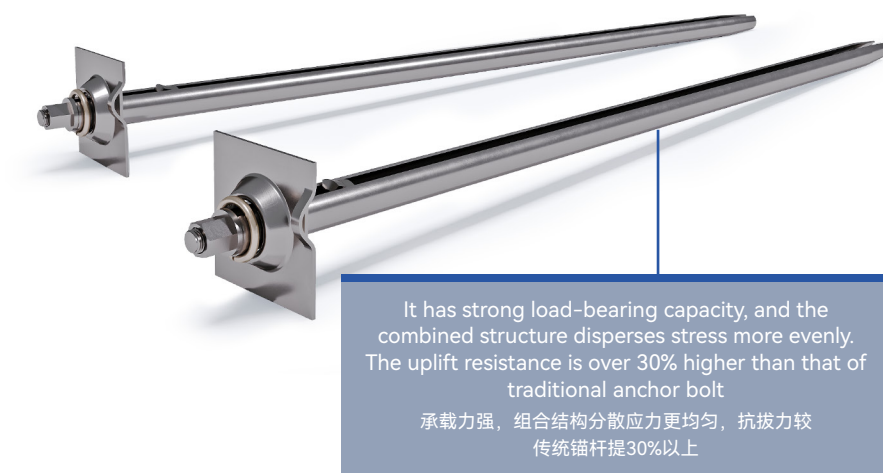


## COMBINED BOLT

### 组合式锚杆

An innovative support product integrating high-strength bolt, adjustable trays and highly efficient anchoring components. The anchoring depth and the strength of the bolt body can be adjusted according to geological conditions, and different specifications of trays can be matched to cope with complex force scenarios. The products are mainly applied in fields such as underground mine roadways, tunnel construction, underground pipe galleries and deep foundation pit engineering.

一种集高强度杆体、可调节托盘与高效锚固组件于一体的创新支护产品。可根据地质条件调整锚固深度与杆体强度，搭配不同规格托盘应对复杂受力场景。产品主要应用于矿山井下巷道、隧道施工、地下管廊与深基坑工程等领域。



## COMBINED PLATE 组合式托盘

A combined support structure formed by integrating single-ear pallets and W-shaped steel strips, providing stable and lasting support effects for mining tunnels, tunnel projects, etc.

一种将单耳托盘与W型钢带一体化设计形成的组合式支护构件，为矿山巷道、隧道工程等提供稳定持久的支护效果。



## DOME PLATE 单耳托盘

A support member made of steel plate stamped to disperse stress at the end of the anchor bolt. The products are mainly used in mines, tunnels, slopes and other scenarios, and are a key accessories for economical and efficient geotechnical engineering.

一种由钢板冲压而成，用来分散锚杆端部应力的支护构件。产品主要应用于矿山、隧道、边坡等场景，是岩土工程中经济高效的关键配件。



## RESIN CAPSULE 树脂锚固剂

A bonding material that achieves rapid curing through chemical reactions is the best anchoring material in modern anchoring engineering.

一种通过化学反应实现快速固化的粘合材料，是现代锚固工程中最优的锚固材料。



## DUAL-SPEED RESIN CAPSULE 双速锚固剂

A curing agent with two gel rates can meet the different requirements for the gel time of resin capsule. The products are mainly applied in fields such as mines, tunnels, railways, highways, and civil air defense projects.

一种采用两种凝胶速度的固化剂，可满足锚固剂凝胶时间的差异化需求。产品主要应用于矿井、隧道、铁路、公路、人防工程等领域。



## WIRE MESH 金属网片

A wire mesh structure product used in support engineering, made by spot welding or weaving processes, features a flat mesh with high strength, high-frequency welding, and is not prone to cracking. It can withstand considerable external forces.

一种支护工程中使用的金属网状结构产品，经点焊或编织工艺制成，网片平整、强度高，高频焊接、不易开裂，能承受较大外力。

