鑫泽源始终致力于

打造技术领先和卓越服务的文化

NEORIGIN HAS ALWAYS BEEN DEDICATED TO BUILDING A CULTURE OF TECHNOLOGICAL LEADERSHIP AND EXEMPLARY SERVICE

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公司公众号

Pioneer in China's Steel Silo Standardization

安阳鑫泽源钢板仓工程有限公司

ANYANG NEORIGIN SILO ENGINEERING CO.,LTD

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SILO GROUP

全球散料筒仓
全链解决方案

GLOBAL BULK MATERIALS SILO
FULL-CHAIN SOLUTION

安阳鑫泽源钢板仓工程有限公司

安阳鑫泽源筒仓工程有限公司

ANYANG NEORIGIN SILO ENGINEERING CO.,LTD

SILO GROUP



CONTENTS

目录

01-06 公司概况 Company Overview

01 公司简介 Company Profile

03 资质荣誉 Qualifications & Honors

05 鑫泽源“智”造 Neorigin "Intelligent" Manufacturing

07-14 产品与服务 Products & services

07 产品工艺 Manufacturing Process

09 螺旋咬边式钢板仓特点 Features of Spiral Steel Silo

11 技术实力 Technical Capabilities

13 应用行业 Application Fields

14 合作伙伴 Partners

Elaborate Refined Competitive Products

精心·精工·精品

15-26 应用行业 Application Fields

15 建材粉料行业(水泥、粉煤灰、矿粉、石膏粉) Building Materials Industry (cement, Fly Ash, Mineral Powder, Gypsum Powder)

16 碳素煅烧焦行业(石油焦、煅后焦、阳极材料) Carbon Calcination Industry (Petroleum Coke, Calcined Coke, Anode Materials)

17 锂电石墨负极行业(石墨化、负极材料) Lithium Battery Graphite Anode Industry (Graphitization, Anode Materials)

18 有色金属行业(氧化铝、铝矿粉等) Non-ferrous Metals Industry (alumina, Aluminum Ore Powder, Etc.)

19 餐厨垃圾厌氧发酵行业 Anaerobic Fermentation Industry for Food Waste

20 水处理行业 Water Treatment Industry

21 铁合金冶金行业 Ferroalloy Metallurgy Industry

22 砂石骨料行业 Sand & Gravel Aggregate Industry

23 粮油饲料行业 Grain & Feed Industry

24 固废危废处理行业 Solid & Hazardous Waste Treatment Industry

25 筒仓EPC工程 EPC Silo Projects

26 全域配套·智守仓安 Total Support · Smart Security

27-30 核心产品 Core Product

27 散装机系列 Bulk Loading Machine

28 全系列阀门 Full Range Of Valves

29 气化系统 Gasification System

30 破拱设备 Arch-breaking Equipment

31-34 其它 Others

31 螺栓装配筒仓 Bolted steel silo

33 鑫泽源螺旋钢筒仓选型表 Neoriain Spiral Steel Silo Technical Parameter Table







公司简介

生产基地占地面积
Production Facility Area

5000㎡

完成钢板仓项目
Silo Projects Completed

2000+

安阳鑫泽源钢板仓工程有限公司，是一家专注于散料储存与处理系统工程的EPC总承包商，核心业务涵盖螺旋钢板仓及配套辅助设备的研发、设计、采购、制造与施工全链条服务，为各行业客户提供标准化、定制化的散料储存解决方案。

公司产品及服务广泛应用于多个核心行业领域，包括石油焦储存（碳生产配套）、锂离子电池负极材料生产、粮油储备、水泥研磨加工、铁合金制造、发电厂粉煤灰储存、矿业骨料生产及水处理等，凭借稳定的产品性能与适配性，满足不同行业的散料储存及处理需求。

我们致力于为客户提供全方位一体化物料处理系统解决方案，覆盖物料提升、输送、自动装卸、包装、除尘、称重等全流程环节，实现从原料储存到成品输出的闭环服务，助力客户提升生产效率、优化作业环境。

公司资质完备、认证齐全，持有六项专业资质证书，同时通过欧盟CE认证，及ISO质量管理体系、环境管理体系、职业健康安全管理体系三大认证，构建了全方位的质量与安全保障体系。依托多项自主研发技术及成熟的智能制造能力，公司在国内散料储存设备市场中保持优势地位。

公司拥有一支专 业的工程设计、制造及加工团队，凭借扎实的技术实力与丰富的项目经验，为项目落地提供坚实支撑。公司拥有占地面积达5000平方米的现代化生产基地，配备先进的生产加工设备，保障产品质量与交付效率。截至目前，公司已成功完成2000余座钢板仓的建造项目，工程版图覆盖全国各省市，凭借可靠的工程质量、完善的售后服务，成为国内储存行业客户高度信赖的品牌。

COMPANY PROFILE

Anyang Neorigin Silo Engineering Co., Ltd. is an EPC contractor specializing in bulk material storage and handling systems. We provide end-to-end services covering the R&D, design, procurement, manufacturing, and construction of spiral silos, bolted silo and supporting equipment, delivering both standardized and customized solutions.

Our systems are widely used across industries including petroleum coke (for carbon production), lithium-ion battery anode materials, grain and oil storage, cement grinding, ferroalloy manufacturing, power plant fly ash storage, mining aggregates, and water treatment. With reliable performance and strong adaptability, we meet diverse bulk storage and handling needs.

We deliver fully integrated material handling solutions, covering lifting, conveying, automated loading and unloading, packaging, dust collection, and weighing. Our systems create a closed-loop process from raw material storage to finished product output, helping clients improve efficiency and optimize operations.

We hold a comprehensive set of qualifications and certifications, including six specialized professional licenses, EU CE certification, and ISO certifications for Quality Management, Environmental Management, and Occupational Health and Safety Management. These credentials form a robust framework ensuring product quality and operational safety. Leveraging proprietary technologies and advanced intelligent manufacturing capabilities, we maintain a strong competitive position in China's bulk storage equipment market.

Our team consists of experienced professionals in engineering design, manufacturing, and processing, providing solid technical support for project execution. We operate a modern production facility covering 5,000 square meters, equipped with advanced machinery to ensure both product quality and delivery efficiency. To date, we have successfully completed the construction of over 2,000 steel silos across China. With reliable engineering quality and comprehensive after-sales service, we have earned the trust of clients throughout the bulk storage industry.

QUALIFICATION & HONOR

资质荣誉

- 营业执照
- 钢结构施工资质
- 安全生产许可证
- 商标注册证
- 客户表扬信
- 客户表扬锦旗
- 客户履约证明

- ISO9001:2015质量管理体系认证证书
- ISO14001:2015环境管理体系认证证书
- ISO45001:2018职业健康安全管理体系认证证书
- ICR/VC/HS2511143 CE认证























- Business License
- Steel Structure Construction Qualification Certificate
- Work Safety Permit
- Trademark Registration Certificate
- Customer Testimonials
- Customer Appreciation Banners
- Project Completion Certificates

ISO 9001: 2015
Quality Management System Certificate

ISO 14001 : 2015
Environmental Management System Certificate

ISO 45001 : 2018
Occupational Health and Safety Management System Certificate



NEORIGIN'S INTELLIGENCE

鑫泽源“智”造

标准化制造

Standardized manufacturing

鑫泽源造致力于打造钢板仓行业标准化制造基地，让钢板仓规范化制造、规范化安装、规范化运营、规范化保养。客户所需的钢板仓构件全行业通用，真正解决行业痛点，为客户采购提供标准化产品服务。

Neorigin is committed to building a standardized manufacturing base for steel silo industry. We promote standardized production, installation, operation and maintenance of steel silos. All steel silo components we provide are universally applicable across the industry, effectively resolving industry pain points and delivering standardized products and services for our customers.



智能制造 · 高效稳定

我们用智能化生产替代传统加工方式，将先进技术与成熟工艺深度融合，不断优化生产流程与质量控制体系，让产品做到更快、更稳、质量更好。同时，通过标准化与精细化制造，为客户创造更高价值与更优使用体验。

Smart Manufacturing · Better Performance

We replace traditional processing methods with intelligent manufacturing, integrating advanced technology with proven craftsmanship. By continuously optimizing production processes and quality control systems, we ensure faster delivery, greater stability, and higher product quality. Through standardized and refined manufacturing, we create greater value and a better user experience for our customers.





持续创新 · 行业升级

我们始终围绕客户需求不断创新，积极参与国家“机器换人计划”，持续提升自动化与智能化水平，打造更灵活、更高效的生产体系。通过推动行业技术进步与应用升级，为客户提供更具竞争力的产品和更完善的系统解决方案。

Continuous Innovation · Industry Upgrade

We continuously innovate around customer needs and actively support China's "machine substitution" initiative, advancing our automation and intelligent manufacturing capabilities. By building more flexible and efficient production systems and driving industry progress, we deliver more competitive products and comprehensive system solutions.

Manufacturing Process
产品工艺

材料选用
Material Selection

为满足物料的仓储要求，根据储存物料物理、化学性质等特点，仓体可选用的材料为：碳钢板、镀锌钢板、不锈钢板、镀锌铝镁板，复合板。

To meet different material storage requirements, silo structures can be constructed using a range of materials based on the physical and chemical properties of the stored materials, including carbon steel, galvanized steel, stainless steel, aluminum-zinc-magnesium coated steel, and composite panels.



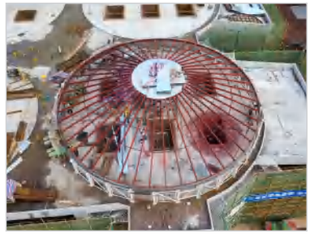
建造工艺
Construction Process



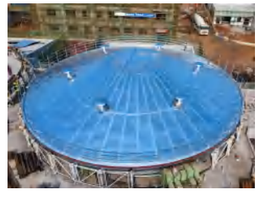
01 工厂预制件制作
Factory Prefabrication



02 施工现场设备定位
Site Equipment Positioning



03 卷仓约2米高
Approx. 2 m per Forming Cycle



04 仓顶安装
Silo Roof Installation



05 仓体卷制、顶升
Silolift Forming & Jacking



06 落仓生根
Silo Anchoring

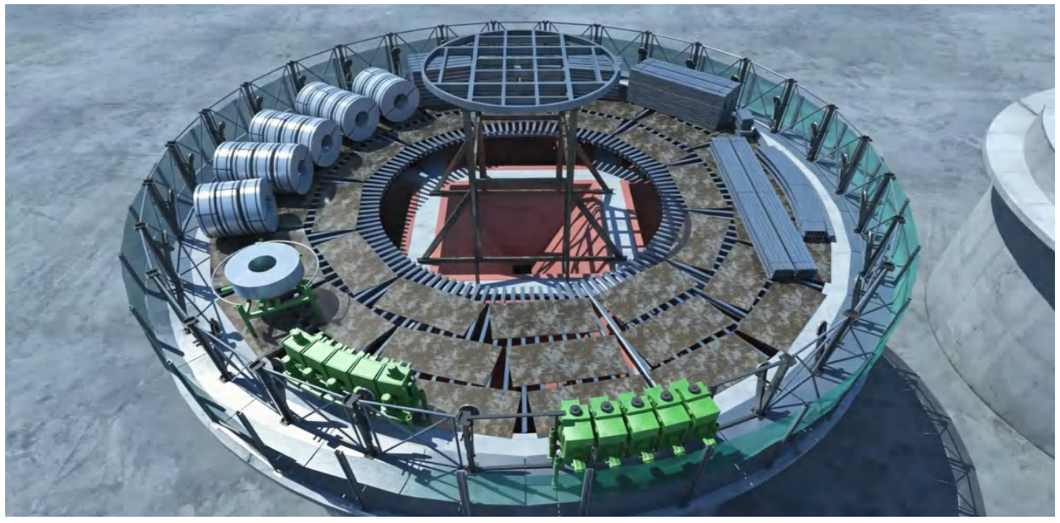


07 筒仓附属钢结构与设备安装
Installation of Auxiliary Steel Structures & Equipment

螺旋弯折原理
The Principle of Spiral Silo

螺旋咬边式钢板仓制造技术是当今世界最先进的钢板仓制造技术，具有独特的建造方法：施工时将495mm/625mm宽度的卷板经过开卷机输送至成型机进行轧制成所需要的几何形状，再经过弯折机弯折、咬合，最终形成一条30-40mm宽度、连续环绕的螺旋咬筋，在结构上起到环向加强的作用。对于材质不同的两种材料，建造设备也能实现双层弯折施工。

Spiral steel silo technology is one of the most advanced methods in modern silo construction, known for its efficient, continuous forming process. During installation, steel coils (typically 495 mm or 625 mm wide) are uncoiled and fed into a forming system, where they are shaped, bent, and seamed in a single operation. This creates a continuous spiral seam, about 30–40 mm wide, around the silo, providing effective structural reinforcement and overall stability. The system also supports dual-material construction, allowing different materials to be combined in layered configurations to meet specific requirements.





弯折过程示意图
Sketch map of encirling spiral



螺旋咬边仓壁断面图
Spiral folding silo shape section

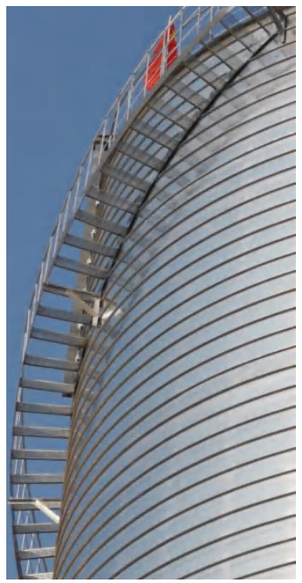


螺旋咬边仓壁成型图
The Forming chart of Spiral folding silo



FEATURES
OF SPIRAL STEEL SILO

螺旋咬边式钢板仓特点



NO.1 整体性能好，强度高
No.1 High Strength · Excellent Structural Integrity

筒仓外壁由连续连接的卷板咬合而成，筒仓为一个整体，连接牢固可靠。筒仓外壁横向螺旋咬筋与内壁竖向加强筋构成筒仓结构的骨架，大大增强筒体强度，抗风、抗震、抗雪载能力卓越。

The silo wall is formed by continuously seamed steel coils, creating a fully integrated and highly secure structure. The external spiral seams, combined with internal vertical stiffeners, form a robust structural framework that significantly enhances overall strength and stability, ensuring excellent resistance to wind, seismic forces, and snow loads.

NO.2 密封性能好
No.2 Excellent Sealing Performance

筒仓横向咬筋为5层仓壁板厚采用螺旋弯折制成，密封性能良好。因此，筒仓不仅可以存放散粒物料，还可以用于存放液体类物质，如水、食用油等。

The spiral seams are formed by multi-layer bending of the steel plates, creating a tight and durable seal. This ensures excellent airtightness, allowing the silo to store not only bulk solids but also liquids such as water and edible oil.

NO.5 使用寿命长
No.5 Long service life

筒仓外壁采用热镀锌板卷制而成，仓顶同样外用镀锌盖板，防腐性能好，在正常使用和维护情况下，寿命可达25年。

The silo is constructed from hot-dip galvanized steel, with a galvanized roof for enhanced corrosion resistance. Under normal use and maintenance, the service life can reach up to 25 years.

NO.3 建设周期短，造价低
No.3 FFast Construction · Cost-Effective

建造一座一千立方米的钢板仓，仅需要5-6天，工期很短，节约工期，客户可及早投入使用，创造价值。

A 1,000 m^3 steel silo can typically be completed within 5–6 days, significantly reducing construction time. This allows for earlier commissioning and faster return on investment.

NO.4 占地面积小、易管理。
No.4 Space-Saving · Easy Management

螺旋咬口钢板仓与其他钢板仓不同，高度、直径可在较大的范围内任意选择。两仓间距离最小至 500 毫米，可充分利用空间，减小占地面积。螺旋咬口钢板仓自动化程度高，再配以测温、料位等设备，用户管理起来非常方便。

Spiral steel silos offer flexible height and diameter for efficient layout design. Spacing between silos can be as small as 500 mm, maximizing land use. With high automation and optional temperature and level monitoring, they are easy to operate and manage.



TECHNICAL CAPABILITIES

技术实力

科技是国家强盛之基，创新是民族进步之魂。

公司坚持“技术营销立足 市场服务为本"，持续跟踪行业科技发展动态，不断加大研发投入，创新探索，深入总结工程实践经验，通过项目工程的规划、设计、建设和运行,积累了丰富的宝贵经验。

公司坚持创新驱动战略，深化科技体制改革，大力开展合作创新，强化工程技术创新，提升产品档次与质感，取得了突出成效。使用无人机测绘、大数据等最新技术，大幅提高了前期场地规划设计的效率；依靠 AUTOCAD、PKPM等建筑设计、结构计算方面的软件全过程、全方位辅助工程进展，为客户提供精确、专业、周到的钢板仓工程服务。



SolidWork

Technology is the foundation of national strength, and innovation is the driving force of progress.

We adhere to a technology-driven and service-oriented approach, closely tracking industry developments while continuously increasing R&D investment and exploring new innovations. Through the planning, design, construction, and operation of our projects, we have accumulated extensive and valuable practical experience.

We are committed to an innovation-driven strategy, promoting collaborative innovation, strengthening engineering and technological capabilities, and enhancing product quality and performance, achieving remarkable results. By applying advanced technologies such as drone surveying and big data, we significantly improve the efficiency of early-stage site planning and design. With the support of software such as AutoCAD and PKPM for architectural design and structural analysis throughout the entire project process, we provide accurate, professional, and comprehensive steel silo engineering services to our clients.





公司全面推行PDCA管理模式，对工程重的每一个环节都进行精确追踪，对每一个方案都进行严密论证，对每一个问题都进行严格调查，对每一个结果都进行深刻分析，确保交付完美工程。

We fully implement the PDCA management model, ensuring precise tracking of every stage of each project. Every solution is rigorously validated, every issue is thoroughly investigated, and every result is carefully analyzed to ensure the delivery of high-quality, reliable projects.

高级工程师 中级工程师 一级建造师 二级建造师







APPLICATION FIELDS

应用行业



CHINA STEEL SILOS

STANDARDIZATION PIONEER

中国钢板仓标准化先导者

PARTNERS

合作伙伴



建材粉料行业(水泥、粉煤灰、矿粉、石膏粉)

BUILDING MATERIALS INDUSTRY (CEMENT, FLY ASH, MINERAL POWDER, GYPSUM POWDER)

密闭 Sealed　环保 Environmentally Friendly　稳定 Stable　高效 Efficient　耐用 Durable

我们专注建材粉料仓储解决方案，提供专业钢板仓系统，适配水泥、粉煤灰、矿粉、石膏粉等粉料的密闭存储与高效周转。产品以大容量、高密封、低损耗、节能环保为优势，优化存储布局、缩短建设周期、降低综合成本，覆盖生产、中转、储备全流程，助力建材行业实现绿色智能、稳定高效的仓储运营。

We specialize in storage solutions for bulk powder materials in the building materials industry, offering professional steel silo systems for the sealed storage and efficient handling of cement, fly ash, mineral powder, gypsum powder, and more. Our solutions feature large capacity, excellent sealing, low material loss, and energy efficiency. By optimizing storage layout, shortening construction cycles, and reducing overall costs, we support the entire process from production and transfer to storage—helping customers achieve greener, smarter, and more efficient operations.



>>>

碳素煅烧焦行业(石油焦、煅后焦、阳极)

CARBON CALCINATION INDUSTRY (PETROLEUM COKE, CALCINED COKE, ANODE MATERIALS)

密闭 Sealed　环保 Environmentally Friendly　稳定 Stable　高效 Efficient　耐用 Durable　耐磨 Wear-Resistant　耐高温 High Temperature Resistant

碳素煅烧焦领域仓储解决方案，为石油焦、煅后焦、阳极等物料提供安全、密闭、高效的钢板仓系统。以高密封、耐高温、防扬尘、结构稳定为核心优势，满足行业规模化存储、连续化生产、环保化运行需求，助力企业提升效率、降低损耗、优化生产流程，实现绿色智能仓储。

We provide tailored storage solutions for the carbon industry, delivering safe, sealed, and efficient steel silo systems for petroleum coke, calcined coke, and anode materials. With key advantages including high sealing performance, high-temperature resistance, dust control, and structural stability, our solutions meet the demands of large-scale storage, continuous production, and environmentally responsible operations—helping customers improve efficiency, reduce loss, and optimize production processes.









锂电石墨负极行业（石墨化、负极材料）

LITHIUM BATTERY GRAPHITE ANODE INDUSTRY (GRAPHITIZATION, ANODE MATERIALS)

锂电新能源材料仓储领域解决方案，为石墨化料、石墨负极材料提供洁净、密闭、智能、低损耗的钢板仓整体解决方案。针对物料高纯度、易扬尘、怕污染的特性，采用全密封无尘、防混料设计，实现储存、中转、供料自动化与标准化。系统存储稳定、运维便捷、占地集约，严格满足洁净生产与环保安全要求，助力企业稳定生产、提升品质，为锂电池产业链提供专业仓储支撑。

Solutions for the storage of lithium battery new energy materials in the field of steel plate silos, providing a clean, sealed, intelligent and low-loss overall solution for graphite raw materials and graphite negative electrode materials. Considering the characteristics of high purity of the materials, easy dust flying and fear of pollution, a fully sealed dust-free and anti-mixing design is adopted to achieve automation and standardization of storage, transfer and supply. The system has stable storage, convenient operation and efficient land use, strictly meeting the requirements of clean production and environmental protection safety, helping enterprises to stabilize production and improve quality, and providing professional storage support for the lithium battery industry chain.



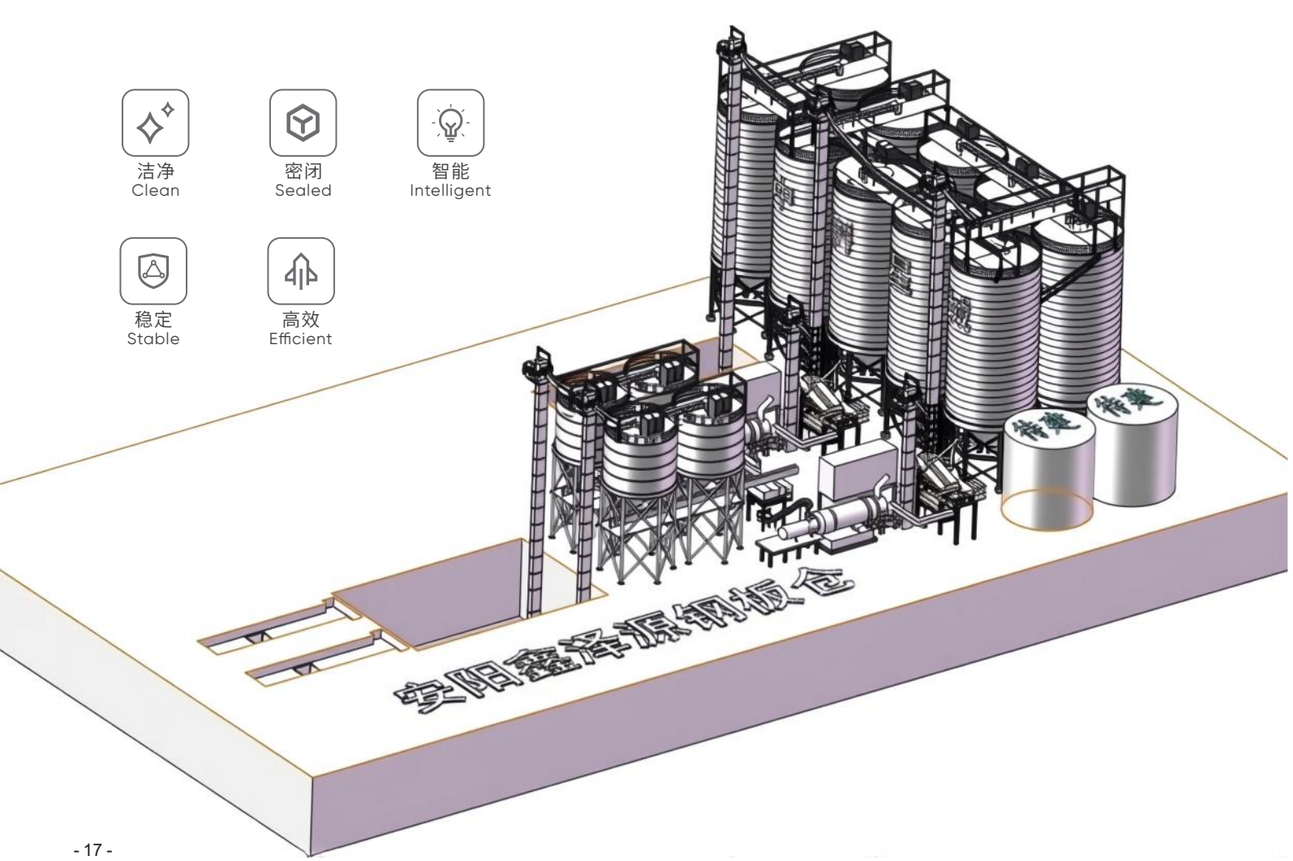
洁净 Clean

密闭 Sealed

智能 Intelligent

稳定 Stable

高效 Efficient



有色金属行业（氧化铝、铝矿粉等）

NON-FERROUS METALS INDUSTRY (ALUMINA, ALUMINUM ORE POWDER, ETC.)

有色金属粉体物料工业化存储解决方案，为氧化铝、铝矿粉等打造安全、密闭、高效、耐用的钢板仓系统。针对粉料密度大、磨蚀性强、易扬尘、连续供料要求高的特性，采用高强度耐磨、全密封抑尘、稳定出料设计，满足规模化存储、密闭中转、自动化输送需求。系统吨储成本低、占地集约、建设快，符合环保与安全生产标准，助力企业优化仓储、稳定生产、降本增效、绿色升级。

We provide tailored storage solutions for the carbon industry, delivering safe, fully enclosed, and highly efficient steel silo systems for petroleum coke, calcined coke, and anode materials. Designed to meet the specific characteristics of these materials, our systems ensure reliable performance under demanding operating conditions. With key advantages including excellent sealing performance, high-temperature resistance, effective dust control, and robust structural stability, our solutions support large-scale storage and continuous production while meeting stringent environmental requirements. By improving material handling efficiency, reducing losses, and optimizing overall process flow, we help customers achieve safer, cleaner, and more efficient operations.





洁净 Clean

密闭 Sealed

智能 Intelligent

稳定 Stable

高效 Efficient



餐厨垃圾厌氧发酵行业

ANAEROBIC FERMENTATION INDUSTRY FOR FOOD WASTE

密闭 Sealed

防腐 Corrosion-Resistant

环保 Environmentally Friendly

稳定 Stable

高效 Efficient



餐厨垃圾资源化处理解决方案，为预处理、厌氧发酵、沼液沼渣储存提供耐腐蚀、全密闭、环保高效的钢板仓系统。针对高湿、易腐、易异味特点，采用防腐密封、防渗漏、防臭气逸散设计，保障发酵稳定，实现全流程密闭、无害化、集约化运行。系统稳固耐腐、占地小、施工快、运维简便，助力企业达标排放、高效运营，推动城市有机废弃物资源化利用。

We provide integrated storage solutions for food waste resource recovery, supporting pretreatment, anaerobic digestion, and the storage of biogas slurry and residue with corrosion-resistant, fully enclosed, and highly efficient steel silo systems. Designed to handle high moisture content, rapid decomposition, and odor sensitivity, our systems incorporate anti-corrosion, leak-proof, and odor-control features to ensure stable fermentation and fully enclosed operation. With advantages such as structural durability, corrosion resistance, compact footprint, fast installation, and easy maintenance, we help customers achieve compliant discharge, efficient operations, and sustainable resource utilization.







水处理行业

WATER TREATMENT INDUSTRY

密闭 Sealed

防腐 Corrosion-Resistant

精准 Precise

稳定 Stable

耐用 Durable

水处理环保领域解决方案，为水处理药剂、石灰、活性炭、污泥、净水原料提供密闭防腐、环保稳定、高效耐用的钢板仓系统。采用全密封、耐腐蚀、防结块、稳定出料设计，满足市政污水、工业废水、自来水厂存储与自动化投加。系统占地集约、建设高效、运维简便、寿命长，可保障水处理稳定运行，满足环保安全要求，助力企业精准投加、降本增效、绿色达标。

We deliver reliable storage solutions for the water treatment industry, providing sealed, corrosion-resistant, and durable steel silo systems for chemicals, lime, activated carbon, sludge, and other treatment materials. Featuring fully enclosed designs, anti-corrosion protection, anti-caking performance, and stable discharge, our systems support storage and automated dosing across municipal wastewater, industrial wastewater, and potable water treatment applications. With compact layout, fast construction, easy operation, and long service life, we ensure stable system performance while helping customers achieve precise dosing, cost efficiency, and environmental compliance.







铁合金冶金行业

FERROALLOY METALLURGY INDUSTRY

耐磨 Wear-Resistant　密闭 Sealed　稳定 Stable　高效 Efficient　耐用 Durable

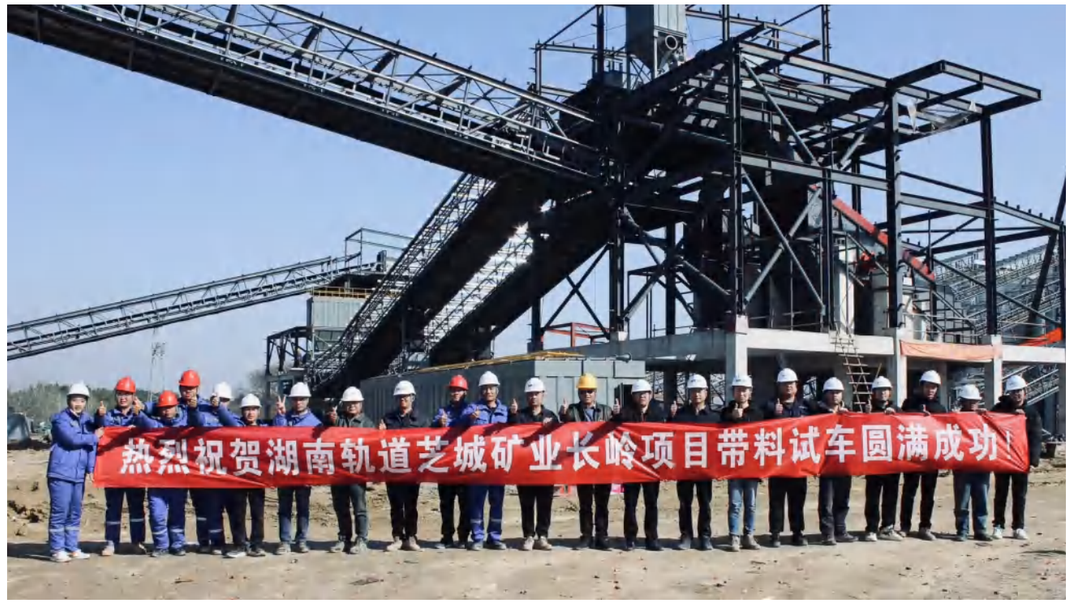
铁合金及冶金粉料存储解决方案，为硅锰、硅铁、铬铁、炉料、冶金粉料、除尘灰提供高强度、耐磨损、全密闭钢板仓。针对冶金高温、多尘、磨蚀性强工况，采用耐磨加固、全密封抑尘、稳定出料设计，满足规模化存储、密闭中转、自动化输送。系统占地集约、建设快、运维简便、寿命长，提升效率、降低损耗，助力企业稳定生产、绿色升级。

We provide robust storage solutions for ferroalloy and metallurgical materials, offering high-strength, wear-resistant, and fully enclosed steel silo systems for silicomanganese, ferrosilicon, ferrochrome, furnace charge, metallurgical powders, and dust ash.

Designed for high-temperature, dust-intensive, and abrasive environments, our systems incorporate wear-resistant reinforcement, fully enclosed dust control, and stable discharge design. They support large-scale storage, enclosed transfer, and automated conveying. With a compact footprint, fast construction, easy maintenance, and long service life, our solutions help improve efficiency, reduce material loss, and ensure stable, environmentally compliant operations.







砂石骨料行业

SAND & GRAVEL AGGREGATE INDUSTRY

耐磨 Wear-Resistant　大容量 High Capacity　环保 Environmentally Friendly　稳定 Stable　高效 Efficient

砂石骨料、机制砂、石粉等散体物料存储解决方案，为砂石矿山、建材加工、商混站提供大容量、高强度、耐冲击、环保密闭的工业化钢板仓系统。针对物料密度大、磨蚀强、易堵料扬尘的特点，采用加厚耐磨、顺畅出料、全封闭抑尘设计，满足规模化存储与连续生产需求。系统占地省、建设快、寿命长、运维简便，助力企业稳产增效、环保达标、绿色升级，赋能砂石骨料绿色高效存储。

We offer industrial steel silo systems for bulk materials such as aggregates, manufactured sand, and stone powder, serving quarries, building materials processing plants, and ready-mix concrete facilities.

Engineered for high-density, highly abrasive, and dust-prone materials, our systems feature reinforced wear-resistant structures, smooth discharge design, and fully enclosed dust suppression. They support large-scale storage and continuous production. With space-saving layouts, rapid installation, long service life, and simple operation, our solutions help customers achieve stable production, improved efficiency, environmental compliance, and greener operations.







粮油饲料行业

GRAIN & FEED INDUSTRY

安全 Safe

储粮 Storage

环保 Environmentally Friendly

高效 Efficient

耐用 Durable

粮油、谷物、饲料、豆粕、麸皮等物料存储解决方案，为粮食收储、粮油加工、饲料生产企业提供安全储粮、密闭防潮、绿色高效的钢板仓系统。针对物料易受潮霉变、需防虫防霉、周转频繁的特点，采用密封保温、通风防潮设计，实现规模化智能化仓储。系统建设快、占地省、运维简便，保障粮食品质、提升周转效率，助力企业稳产保供、提质增效，筑牢粮油饲料仓储安全防线。

We provide safe, sealed, and moisture-resistant steel silo systems for materials such as grain, edible oil products, feed, soybean meal, and bran, serving grain storage, processing, and feed production industries.Designed to address moisture sensitivity, mold prevention, pest control, and high turnover requirements, our systems incorporate sealed insulation and ventilation with moisture control to enable large-scale, intelligent storage. With fast construction, compact footprint, and easy maintenance, our solutions help preserve product quality, improve turnover efficiency, and ensure stable supply—supporting customers in achieving efficient, reliable, and secure storage operations.

固废危废处理行业

SOLID AND HAZARDOUS WASTE TREATMENT INDUSTRY

密闭 Enclosed

防渗 Leak-proof

防腐 Corrosion-Resistant

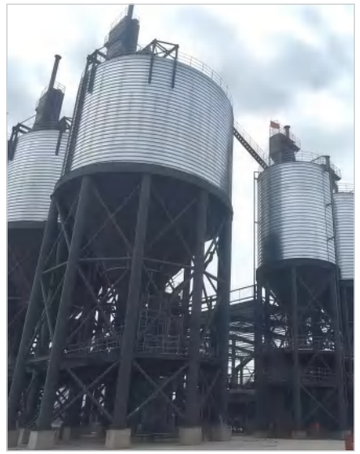
安全 Safe

合规 Compliant

工业固废、危废粉料、飞灰、污泥等无害化处置解决方案，为相关环保领域提供全密闭、防渗漏、耐腐蚀的钢板仓系统。针对物料腐蚀性强、易扬尘渗漏的特点，采用密封防渗、防腐加固设计，满足危废暂存、输送、处置全流程规范。系统结构稳固、占地省、建设快，符合环保安全标准，助力企业合规处置、绿色运营，护航固废危废安全环保处置。

We offer fully enclosed, leak-proof, and corrosion-resistant steel silo systems for the safe handling and treatment of industrial solid waste, hazardous powder materials, fly ash, and sludge.

Engineered for highly corrosive, dust-prone, and leakage-sensitive materials, our systems feature sealed anti-leakage and reinforced anti-corrosion designs, ensuring compliance across storage, transfer, and disposal processes. With stable structure, compact layout, and rapid construction, our solutions meet stringent environmental and safety standards—helping customers achieve compliant disposal, safe operations, and sustainable environmental management.







筒仓EPC工程
EPC SILOS PROJECTS

一仓定储 全程无忧筒仓EPC全流程交钥匙工程
One-Stop Silo Solution · End-to-End EPC Turnkey Project

设计 Design → 采购 Procurement → 施工 Construction → 调试 Commissioning → 运维 Operation & Maintenance

↓

一体化总承包 安全可靠 Integrated EPC Turnkey (Safe & Reliable) ← 工期可控 Controlled Schedule ← 成本锁定 Cost Locked ← 智能高效 Intelligent And Efficient

核心价值
CORE VALUE

一站式EPC 让仓储更简单

我们以设计优化+集采优势+精益施工+数字管控，为粮食、水泥、煤炭、冶金、化工等行业提供大型筒仓群与储运系统整体解决方案。

One-Stop EPC · Simplifying Storage: We deliver integrated EPC solutions powered by optimized design, centralized procurement, lean construction, and digital management—providing complete silo cluster and bulk handling systems for industries such as grain, cement, coal, metallurgy, and chemicals.

业主省心 Peace of Mind for Owners
单一责任主体，界面清晰、风险可控
Single point of responsibility with clear interfaces and controlled risks.

投资安心 Investment Assurance
固定总价，前期锁定成本，杜绝超支
Fixed total cost with early-stage cost locking, avoiding overruns.

交付放心 Confident Delivery
并行推进，工期缩短20%-30%
Parallel execution shortens project timelines by 20–30%.

运行舒心 Operational Efficiency
低损耗、高密封、长寿命、易维护
Low material loss, high sealing performance, long service life, and easy maintenance





实力认可
STRENGTH RECOGNITION

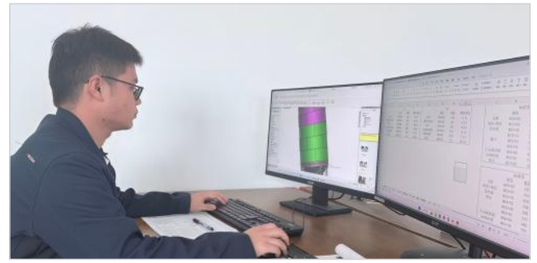
40+
服务国家与地区

1000+
落地筒仓项目

百项工程 全球交付
服务40+国家与地区，落地1000+座筒仓项目
以实绩证明实力，以口碑赢得信赖

100 projects delivered worldwide
Serving over 40 countries and regions, with more than 1,000 silo projects completed
Prove your strength with achievements, earn trust with reputation









全域配套 · 智守仓安
TOTAL SUPPORT · SMART SECURITY

筒仓系统智能出仓与气流处理整体解决方案
Intelligent Discharge & Airflow Solutions for Silo Systems

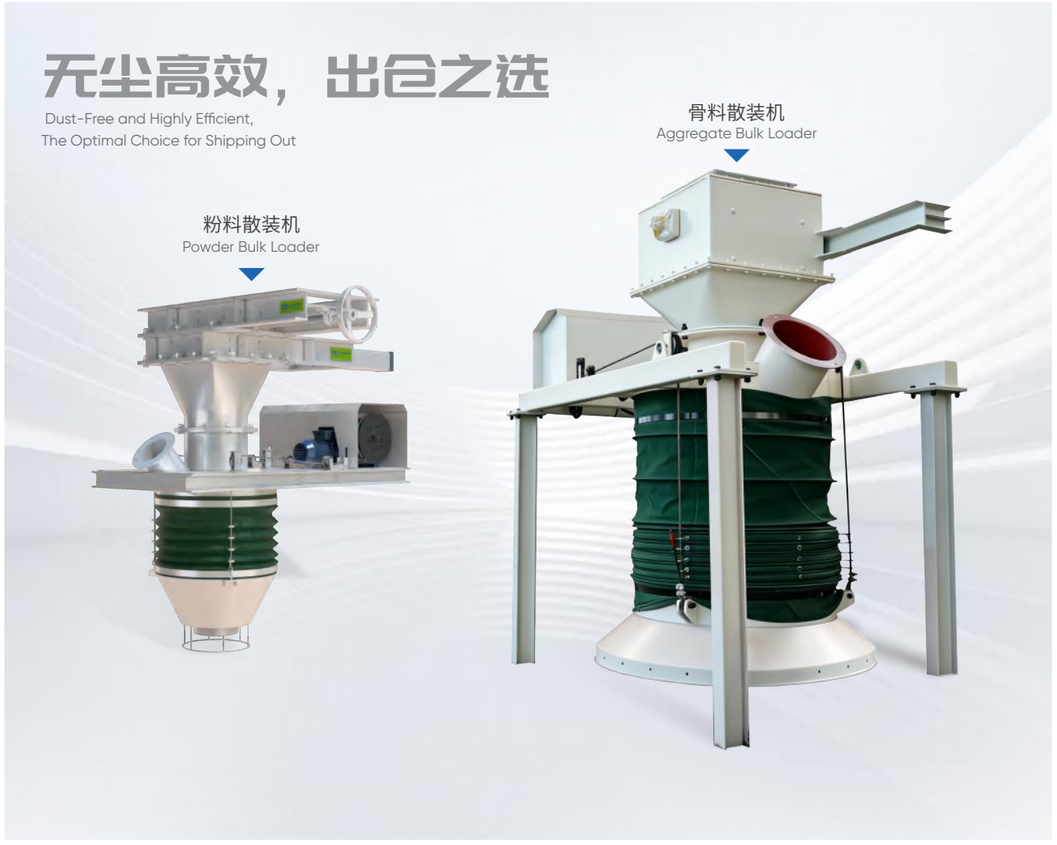
匠心智造 · 赋能全域流转 >>>
Craftsmanship & Innovation · Powering Full-Stream Material Flow

我们专注于筒仓系统核心配套设备的研发、生产与销售，致力于解决仓储物流中的卸料、控制、气化、破拱四大痛点。依托深厚的工程技术积累，我们为水泥、粮食、煤炭、冶金、化工等行业，提供全工况、高适配、低维护的标准化与定制化设备，以精密设备，筑仓储基石。

We specialize in the R&D, manufacturing, and supply of core silo system equipment, addressing four key challenges in bulk storage: discharge, control, aeration, and flow assurance. With strong engineering expertise, we provide standardized and customized solutions for industries including cement, grain, coal, metallurgy, and chemicals—ensuring reliable performance under diverse operating conditions with low maintenance requirements. Driven by precision engineering, we build the foundation for efficient and reliable bulk storage systems.



01 散装机系列
Bulk Loading Machine



产品定位
Product Positioning

筒仓末端卸料核心设备专为汽车、火车、船舶散装物料输送设计，实现零距离对接与全密封作业。

Core equipment for silo discharge, specifically designed for automotive, rail, and marine bulk material transport, enabling zero-distance connection and fully sealed operation.

无尘环保
Dust-Free & Eco-Friendly

伸缩套囊全封闭，杜绝粉尘外溢，符合严苛环保标准。

Telescopic sleeve ensures full enclosure, preventing dust escape and meeting stringent environmental standards.

耐磨耐用
Durable & Wear-Resistant

加粗导轨，耐磨衬板，无惧粉料冲刷，运行持久。

Reinforced guide rails and wear-resistant liners withstand abrasive powders, ensuring long-lasting operation.

智能适配
Intelligent Adaptability

自动升降结构，兼容不同车型罐口，装卸效率提升30%。

Automatic lifting structure compatible with various vehicle hatches, increasing loading and unloading efficiency by 30%.

适配物料
Compatible Materials

水泥、粉煤灰、矿粉、粮食颗粒、化工粉料。

Cement, fly ash, mineral powder, grain, and chemical powders.

02 全系列阀门
Full Range Of Valves



产品定位
Product Positioning

管路流量控制核心部件覆盖从截流、调节到换向的全场景需求，是保障系统稳定运行的“机械阀门”。

Core components for pipeline flow control, covering applications from shut-off and regulation to direction switching, ensuring stable system operation as “mechanical valves.”

翻板阀
Flap Valve

结构轻巧，锁风效果极佳，适用于连续均匀卸料。

Rapid opening and closing, wear- and clog-resistant, ideal for coarse particles and high-concentration powders.

蝶阀/球阀
Butterfly Valve / Ball Valve

流量调节精准，操作轻便，适配气固两相流管路。

Precise flow control, easy operation, compatible with gas-solid two-phase pipelines.

闸板阀
Gate Valve

启闭迅速，耐磨抗堵，专治粗颗粒与高浓度粉料截流。

Rapid opening and closing, wear- and clog-resistant, ideal for coarse particles and high-concentration powders.

卸料阀/星型卸料器
Discharge Valve / Rotary Airlock Feeder

运转平稳，定量给料，是气力输送与机械输送的理想搭档。

Smooth operation with precise feeding, perfect for pneumatic and mechanical conveying systems.

03 气化系统
Gasification System



产品定位
Product Positioning

物料气化均化核心技术利用气流原理使粉料呈现流态化，彻底解决架桥、堵仓、流动性差难题。

Core technology for material fluidization and homogenization, using airflow to convert powders into free-flowing states, effectively resolving bridging, clogging, and poor flowability issues.

罗茨风机配套
Matched Roots Blower

成套供气系统，气流稳定，助仓内物料轻松流动。

Complete air supply system with stable airflow to facilitate easy material flow inside the silo.

气化板/气化槽
Gasification Plate/Gasification Trough

结构简单，免维护，通过微孔透气板实现均匀气化。

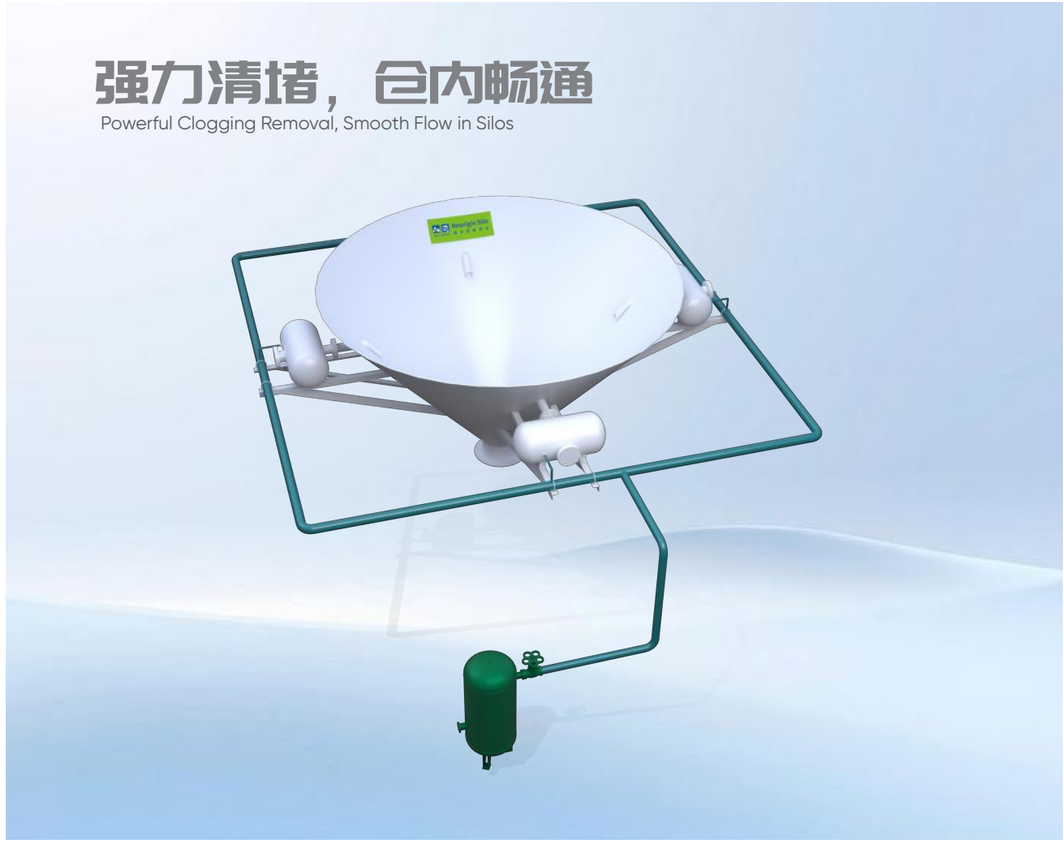
Simple, maintenance-free design that ensures uniform fluidization via microporous air-permeable media.

节能低耗
Energy-saving and Low Consumption

气化能耗低，不损伤物料结构，适用于大型深仓均化。

Low energy consumption for fluidization without damaging material structure, suitable for homogenization in large deep silos.

04 破拱设备
Arch-Breaking Equipment



产品定位
Product Positioning

仓底防堵清堵智能装备针对高粘性、高湿度物料设计，强力破除物料在仓壁的附着与拱架。

Anti-Bridging & Anti-Clogging Equipment for Silo BottomDesigned for high-viscosity and high-moisture materials, effectively breaking material adhesion and arch formations on silo walls.

振动破拱器
Vibrating Arch Breaker

低频高振力，激振仓壁，防止物料固结，适用于恶劣工况。

Low-frequency, high-amplitude vibration stimulates silo walls to prevent material consolidation, suitable for harsh operating conditions.

空气炮
Air Cannon

爆发力强，喷射精准，瞬间击碎积料拱，维护筒仓安全。

High impact force and precise firing instantly clear material arches, ensuring silo safety.

破拱喷嘴
Arch-Breaking Nozzle

雾化气流直达死角，全方位清理仓内挂壁，保障出料通畅。

Atomized airflow reaches dead zones, comprehensively cleaning wall-adhered materials to ensure smooth discharge.



螺栓装配筒仓
BOLTED STEEL SILO

使用用途 Intended Use

商品混凝土搅拌站	干混砂浆搅拌站	沥青搅拌站	基建工程中转站	散装物流中转站
Commercial Concrete Batching Plant	Dry-mix Mortar Batching Plant	Asphalt Batch Plant	Construction Material Transfer Station	Bulk Logistics Transfer Station

存储物料 Storage Materials

水泥、粉煤灰、机制砂、石膏、石粉、建筑垃圾、石英砂、化工原料、石油焦、负极材料、粮食、饲料等

Cement, Fly Ash, Manufactured Sand, Gypsum, Stone Powder, Construction Waste, Quartz Sand, Chemical Raw Materials, Petroleum Coke, Anode Materials, Grain, Feed, etc.

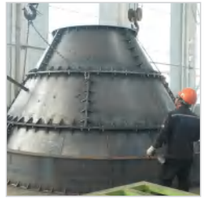


性能特点 Performance Features

独特片式结构设计、全工厂化制作、工地快速安装、建设工期大大缩短

Modular design, factory-fabricated components, rapid on-site installation, significantly shortened construction schedule.







产品优势 Product Advantages

01 安装和拆卸方便，规格尺寸也可根据客户要求的尺寸制作；
Easy to install and disassemble, with specifications and dimensions customizable to meet customer requirements.

02 适用于颗粒状和粉状物料，具有防雨、防潮、使用方便等特点；
Suitable for granular and powdered materials, featuring rainproof, moisture-resistant, and user-friendly characteristics.

03 有效解决了出口粉罐装箱困难、现场制筒困难、工地转移困难，运输很高超宽等诸多难题。
Effectively resolves numerous challenges including difficulties in packing export powders into containers, on-site silo fabrication issues, construction site relocation difficulties, and the high cost of transporting oversized loads.

螺栓装配筒仓技术参数表
BOLTED SILO TECHNICAL PARAMETER TABLE

鑫泽源 装配筒仓选型表 Selection Table

立方Cube		高度Height											
		1.5	3	4.5	6	7.5	9	10.5	12	13.5	15	16.5	18
直径3m		10	21	31	40	52	63	74	84	×	×	×	×
适配支撑	03BQ-3500	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	03BQ-6000	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	03BZ-3500	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
	03BZ-6000	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
	03GQ-6800	×	×	×	×	×	×	×	×	×	×	×	×
	03GZ-6800	×	×	×	×	×	×	×	×	×	×	×	×
直径4m		18	37	56	75	94	113	131	150	×	×	×	×
适配支撑	04BQ-3500	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	04BQ-6000	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	04BZ-3500	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
	04BZ-6000	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
	04GQ-6800	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	04G2-6800	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
直径5m		29	58	88	117	147	174	203	232	×	×	×	×
适配支撑	05BQ-3500	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	05BQ-6000	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	05BZ-3500	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
	05BZ-6000	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
	05GQ-6800	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	05G2-6800	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
直径6m		42	84	127	169	211	254	296	339	×	×	×	×
适配支撑	06BQ-3500	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	06BQ-6000									×	×	×	×
	06BZ-3500	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
	06BZ-6000									×	×	×	×
	06GQ-6800	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	06GZ-6800	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
直径7m		57	115	173	230	288	346	403	461	519	×	×	×
适配支撑	07BQ-3500	✓	✓	✓	✓	✓	✓	×	×	×	×	×	×
	07BQ-6000	✓	✓	✓	✓	✓	✓	×	×	×	×	×	×
	07BZ-3500	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×
	07BZ-6000	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×
	07GQ-6800	✓	✓	✓	✓	✓	×	×	×	×	×	×	×
	07GZ-6800	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×
直径8m		75	150	226	301	376	452	527	602	678	753	×	×
适配支撑	08B6-3500	✓	✓	✓	✓	✓	✓	×	×	×	×	×	×
	08BQ-6000	✓	✓	✓	✓	✓	✓	×	×	×	×	×	×
	08BZ-3500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×
	08BZ-6000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×
	08GQ-6800	✓	✓	✓	✓	✓	✓	×	×	×	×	×	×
	08GZ-6800	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×
直径9m		95	190	286	381	476	572	667	763	858	953	×	×
适配支撑	09BQ-3500	✓	✓	✓	✓	✓	✓	✓	×	×	×	×	×
	09BQ-6000	✓	✓	✓	✓	✓	✓	✓	×	×	×	×	×
	09BZ-3500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×
	09BZ-6000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×
	09GQ-6800	✓	✓	✓	✓	✓	✓	✓	×	×	×	×	×
	09GZ-6800	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	×	×
直径10m		117	235	353	471	588	706	824	942	1059	1177	1295	1413
适配支撑	10BQ-3500	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
	10BQ-6000	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
	10BZ-3500	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10BZ-6000	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	10GQ-6800	✓	✓	✓	✓	✓	✓	✓	✓	×	×	×	×
	10GZ-6800	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

支撑型号说明:前两位数代表直径，BQ代表不过车轻型，GZ代表不过车重型，GQ代表过车轻型，GZ代表过车重型，
后四位数字代表锥斗出料口距离地面高度 其他规格可按需制定



鑫泽源螺旋钢筒仓选型表

NEORIAIN SPIRAL STEEL SILO TECHNICAL PARAMETER TABLE

高度(m) / 直径(m)	3	4	5	6	7	8	9	10	11	12	13	14	15	16
3	21	28	35	42	49	57	64	71	78	85	92	99	106	
4	38	50	63	75	88	101	113	126	138	151	163	176	188	
5	59	79	98	118	137	157	177	196	216	236	255	275	295	314
6	85	113	141	170	198	226	254	283	311	339	368	396	424	452
7	115	154	192	231	269	308	346	385	423	462	500	539	577	616
8	151	201	251	302	352	402	452	503	553	603	653	704	754	804
9	191	254	318	382	445	509	573	636	700	763	827	891	954	1018
10	236	314	393	471	550	628	707	785	864	942	1021	1100	1178	1257
11	285	380	475	570	665	760	855	950	1045	1140	1235	1330	1425	1521
12	339	452	565	679	792	905	1018	1131	1244	1357	1470	1583	1696	1810
13	398	531	664	796	929	1062	1195	1327	1460	1593	1726	1858	1991	2124
14	462	616	770	924	1078	1232	1385	1539	1693	1847	2001	2155	2309	2463
15	530	707	884	1060	1237	1414	1590	1767	1944	2121	2297	2474	2651	2827
16	603	804	1005	1206	1407	1608	1810	2011	2212	2413	2614	2815	3016	3217
17	681	908	1135	1362	1589	22819	2043	2270	2497	2724	2951	3178	3405	3632
18	763	1018	1272	1527	1781	2036	2290	2545	2799	3054	3308	3563	3817	4072
19	851	1134	1418	1701	1985	2268	2552	2835	3119	3402	3686	3969	4253	4536
20	942	1257	1571	1885	2199	2513	2827	3142	3456	3770	4084	4398	4712	5027
21	1039	1385	1732	2078	2425	2771	3117	3464	3810	4156	4503	4849	5195	5542
22	1140	1521	1901	2281	2661	3041	3421	3801	4181	4562	4942	5322	5702	6082
23	1246	1662	2077	2493	2908	3324	3739	4155	4570	4986	5401	5817	6232	6648
24	1357	1810	2262	2714	3167	3619	4072	4524	4976	5429	5881	6333	6786	7238
25	1473	1963	2454	2945	3436	3927	4418	4909	5400	5890	6381	6872	7363	7854
26	1593	2124	2655	3186	3717	4247	4778	5309	5840	6371	6902	7433	7964	8495
27	1718	2290	2863	3435	4008	4580	5153	5726	6298	6871	7443	8016	8588	9161
28	1847	2463	3079	3695	4310	4926	5542	6158	6773	7389	8005	8621	9236	9852
29	1982	2642	3303	3963	4624	5284	5945	6605	7266	7926	8587	9247	9908	10568
30	2121	2827	3534	4241	4948	5655	6362	7069	7775	8482	9189	9896	10603	11310

17	18	19	20	21	22	23	24	25	26	27	28	29	30
334	353												
481	509												
654	693	731	770										
855	905	955	1005										
1081	1145	1209	1272	1336	1400	1463							
1335	1414	1492	1571	1649	1728	1806							
1616	1711	1806	1901	1996	2091	2186	2281	2376					
1923	2036	2149	2262	2375	2488	2601	2714	2827					
2256	2389	2522	2655	2787	2920	3053	3186	3318	3451	3584	3717		
2617	2771	2925	3079	3233	3387	3541	3695	3848	4002	4156	4310		
3004	3181	3358	3534	3711	3888	4064	4241	4418	4595	4771	4948	5125	5301
3418	3619	3820	4021	4222	4423	4624	4825	5027	5228	5429	5630	5831	6032
3859	4086	4313	4540	4767	4994	5221	5448	5675	5901	6128	6355	6582	6809
4326	4580	4835	5089	5344	5598	5853	6107	6362	6616	6871	7125	7380	7634
4820	5104	5387	5671	5954	6238	6521	6805	7088	7372	7655	7939	8222	8506
5341	5655	5969	6283	6597	6912	7226	7540	7854	8168	8482	8796	9111	9425
5888	6234	6581	6927	7274	7620	7966	8313	8659	9005	9352	9698	10044	10391
6462	6842	7223	7603	7983	8363	8743	9123	9503	9883	10264	10644	11024	11404
7063	7479	7894	8310	8725	9140	9556	9971	10387	10802	11218	11633	12049	12464
7691	8143	8595	9048	9500	9953	10405	10857	11310	11762	12215	12667	13119	13572
8345	8836	9327	9817	10308	10799	11290	11781	12272	12763	13254	13744	14235	14726
9026	9557	10088	10619	11150	11680	12211	12742	13273	13804	14335	14866	15397	15928
9733	10306	10879	11451	12024	12596	13169	13741	14314	14886	15459	16032	16604	17177
10468	11084	11699	12315	12931	13547	14162	14778	15394	16010	16625	17241	17857	18473
11229	11889	12550	13210	13871	14531	15192	15852	16513	17174	17834	18495	19155	19816
12017	12723	13430	14137	14844	15551	16258	16965	17671	18378	19085	19792	20499	21206