

企业愿景

建设行业一流竞争力的现代化智能煤机装备制造企业

Corporate Vision

To build a modern intelligent coal mine machinery equipment manufacturing enterprise with first-class competitiveness in the industry

企业使命

提供用户最优产品，推动行业科技进步，实现全员美好生活

Corporate Mission

To provide customers with optimal products, drive technological progress in the industry, and realize a better life for all employees

核心价值观

用户至上，效益为先，以人为本，发展共享

Core Values

Customer first, efficiency driven, people oriented, development shared

企业精神

自立自强，生生不息

Corporate Spirit

Self-reliance and self-improvement, everlasting and enduring

战略目标

三年“灯塔工厂”，五年“示范引领”（规范化，智慧化，现代化）

Strategic Goals:

Three-year goal: become a "Lighthouse Factory"

Five-year goal: achieve "demonstration and leadership" in standardization, intelligence, and modernization

路径方针

技术创新，管理创新，机制体制创新。不同时期赋予创新更新的内涵。

Path Guidelines

Innovation in technology, management, institutions and mechanisms

New connotations shall be endowed to innovation in different periods

公司简介

山西煤矿机械制造股份有限公司，始建于1972年，国家公布的第一批刮板输送机和带式输送机定点生产厂家，原为煤炭部57个重点骨干企业之一。经过持续的创新发展，公司现已成长壮大为中国煤矿专用设备领航者之一，中国煤炭机械工业50强，中国机械制造业500强，中国企业信息化500强，以及中国机械工业现代化管理企业，中国煤炭机械工业智能制造标杆企业、优秀企业，中国专用设备制造业纳税百强企业，首批国家先进制造业企业，国家火炬计划重点高新技术企业，山西省高端装备制造产业链链核企业，山西省精神文明标兵单位，山西省专精特新企业，山西省制造业100强，山西省功勋企业。

公司主导产品有刮板输送机，刮板转载机，破碎机及顺槽大功率、远距离带式输送机等多个系列、上百种机型以及成套智能化控制系统，构成从井下采煤工作面到地面集装站之间完整、可靠、高效、智能的运输体系。可满足当前国内外包括1米以下极薄煤层、18~20米超厚煤层、最高10米一次采全高厚煤层以及倾角达60度的极倾斜煤层等各种工况条件和采煤工艺的装备需求。目前公司产品在全国市场占有率约10~20%，省内市场占有率约60%，其中重型和超重型设备广泛应用在神东等全国500多个大型或特大型现代化矿井。迄今已累计向全国提供综采成套装备6000余台套，为我国煤炭智能高效开采提供有力保证。

“十四五”以来，山西煤机以“高端、智慧、精细、绿色”为目标，立足灯塔工厂标准，建成占地400亩，年产12万吨综采输送设备现代化智慧新区，蹚出了传统装备制造业转型发展新路，加快助力我国煤机产业和煤炭工业高质量发展。

Shanxi Coal Mine Machinery Manufacturing Incorporated Company, established in 1972, was one of the earliest manufacturers of scraper conveyors and belt conveyors designated by the state and was originally one of the 57 key backbone enterprises of the former Ministry of Coal. Through continuous innovation and development, the company has now grown into one of the pacemakers of special equipment for China coal. It has been listed among the top 50 of China's coal machinery industry, the top 500 Chinese machinery manufacturing enterprises, and the top 500 Chinese enterprises in informatization. Additionally, it is recognized as a modern management enterprise in China's machinery industry, a benchmark and excellent enterprise for intelligent manufacturing in China's coal machinery industry. It is also one of top 100 taxpaying enterprises in China's specialized equipment manufacturing industry, one of the first national advanced manufacturing enterprises, and a key high-tech enterprise under the National Torch Program. In Shanxi Province, the company is a chain-core enterprise of the high-end equipment manufacturing industry chain, a model unit of spiritual civilization, a specialized, refined, differential, and innovative enterprise, one of the top 100 manufacturing enterprises, and a meritorious enterprise.

The company's leading products cover multiple series, hundreds of models and complete intelligent control systems, including scraper conveyors, stage loaders, crushers, and high-power, long-distance belt conveyors, which form a complete, reliable, efficient, and intelligent transportation system from underground coal mining workfaces to ground collection stations. The system can meet the current domestic and international equipment requirements for various working conditions and coal mining technologies, including extremely thin coal seams under 1 meter, ultra-thick coal seams of 18-20 meters, thick coal seams with full height cutting of up to 10 meters, and extremely inclined coal seams with angles up to 60 degrees. Currently, the company's products hold a market share of approximately 10-20% nationwide and about 60% within Shanxi.

The heavy and ultra-heavy equipment is widely used in over 500 large or super-large modern mines across China, including Shendong (Shenhua Shendong Coal Group). To date, it has accumulatively provided over 6,000 complete sets of fully-mechanized mining equipment across the country, providing strong support for the intelligent and efficient coal mining.

Since the launch of the 14th Five-Year Plan, Shanxi Coal Mine Machinery Manufacturing Incorporated Company has aimed for “high-end, intelligent, refined, and green” development. Based on the standards of a lighthouse factory, the company has built a modern intelligent new district covering an area of 400 mu (approximately 26.67 hectares) with an annual production capacity of 120,000 tons of fully-mechanized mining transportation equipment. This initiative has paved a new path for the transformation and development of the traditional equipment manufacturing industry, contributing to the high-quality development of China's coal mining machinery industry and the coal industry.

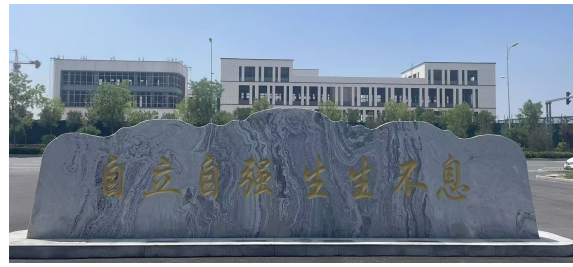


峥嵘岁月

从传统的重工制造
到数字化的转型升级

从“停缓建”的艰难岁月
到登上综采装备技术的行业之颠

山西煤机的每一步
都在诠释和印证着“自立自强 生生不息”



Our Journey Through Time

From our roots in traditional heavy industry manufacturing
To our digital transformation and upgrade

From the challenging years of the production suspension and postponement
To the industry summit of fully-mechanized mining equipment technology

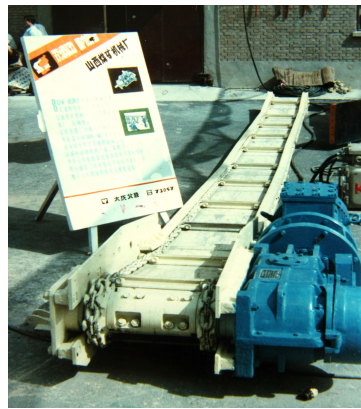
Every step taken by Shanxi Coal Mine Machinery
Interprets and testifies to the spirit of "self-reliance and self-improvement, everlasting and enduring"



1972 年，山西煤矿机械厂建厂；
In 1972, Shanxi Coal Mine Machinery Factory was established.



1981 年，国内首台 40S 刮板机诞生，公司正式投产；
In 1981, China's first 40S scraper conveyor was manufactured, and the company officially started production.



1988 年，国内首台双速可伸缩皮带机，产品多元化发展；
In 1988, China's first dual-speed telescopic belt conveyor was developed, marking the company's product diversification.



1992 年，进口设备大规模引进与装备升级改造；
In 1992, large-scale introduction of imported equipment and upgrading of existing equipment were implemented.



1998 年，行业率先推行现代化管理系统和质量体系；

In 1998, the company pioneered the adoption of modern management systems and quality systems within the industry.



2002 年，山西煤矿机械制造有限责任公司成立，发展步入快车道；

In 2002, Shanxi Coal Mine Machinery Manufacturing Co., Ltd. was established, marking the company's entry into a phase of rapid development.



2010 年，公司产值与营收首次突破 10 亿元，入列行业前三强；

In 2010, the company's output value and operation revenue surpassed 1 billion yuan for the first time, ranking among the top three in the industry.



2015 年，山西煤矿机械制造股份有限公司成立，机制体制改革深化；

In 2015, Shanxi Coal Mine Machinery Manufacturing Incorporated Company was established, further deepening the reform of its institutions and mechanisms.



2021 年，山西煤机智慧新区项目立项，企业“二次创业”建设新厂；

In 2021, the Smart New District project was approved, marking the "second entrepreneurship" to build a new factory.



2024 年，山西煤机智慧园区建成，企业整体搬迁入园。

In 2024, the Smart Park was completed, and the company relocated to the park.



智转数改

这是一座现代化智慧工厂的崛起
视觉传感已凝为园区慧眼
全域 5G 织就出万物互联经脉
智能系统构筑起坚实灵动骨架
数字孪生成功植入智慧大脑



在这里

“UG+TC”驱动了产品数字化设计

“ERP+MES”引领了生产智能化管理

各种柔性产线与加工岛构建起智能制造核心

数字仓储协同 AGV 群推进了智慧化物流

系统集成更实现了能源监控与智慧安防

当

智能设备阵列成机械森林

万千焊花绽放出星火瀑布

信息洪流汇涌成数据银河

80% 数字化与智能化设备占比

30 天 整机最短交付周期

100 多万条 园区每天动态数据量级

这一刻，山西煤机

已然为我国离散型制造注入澎湃活力。

Intelligent Transformation and Digital Upgrade

A modern smart factory rises

Visual sensors have become the "wise eyes" of the park

Full-coverage 5G weaves a web of interconnectedness

Intelligent systems build a robust and agile framework

Digital twin technology has been successfully implanted into its smart brain

Here,

"PLM + UG" drives the digital design of products

"ERP + MES" leads the intelligent management of production

Flexible production lines and processing islands form the core of smart manufacturing

Digital warehouses collaborate with AGV fleets to advance intelligent logistics

System integration enables energy monitoring and smart security

When

Arrays of intelligent equipment stand like a mechanical forest

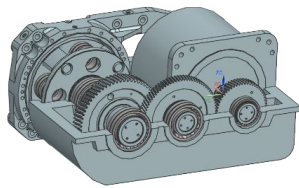
Countless welding sparks burst into a waterfall of sparks

Torrents of information converge into a galaxy of data

At this moment, Shanxi Coal Mine Machinery

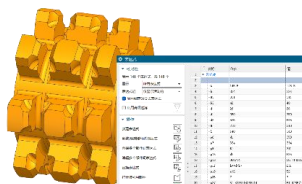
Has already infused vigorous vitality into China's discrete manufacturing

【设计数字化】 采用 UG、TC、Proe、AnSYS 等多种产品现代数字化研发手段，自上向下协同设计，标准库构建，参数化模拟，关键部件可靠性分析，TC 与 MES 设计工艺数据无缝传输，实现产品从概念到生产，打造全数字化的产品创新链。



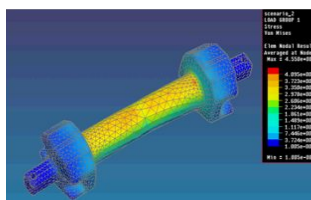
自顶向下协同设计，提高设计效率。

Top-down collaborative design improves design efficiency.



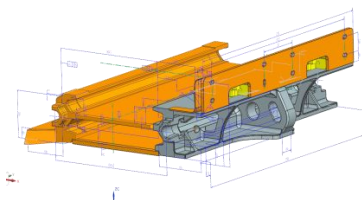
参数驱动模型，零部件序列化，基于参数驱动实现三维快速建模。

Parameter-driven models and component serialization enable rapid 3D modeling.



有限元分析，关键部件受力分析和强度校核，保证产品可靠性。

Finite Element Analysis (FEA) enables force analysis and strength check of key components to ensure product reliability.



三维模型 PMI 标注，直观、明确，标注与对象相关联。

PMI annotation on 3D models is intuitive and clear, with annotations associated with the objects.

[Digital Design]

The company adopts modern digital R&D means for products, such as UG, TC, Proe, and AnSYS, and implements top-down collaborative design, establishment of standard libraries, parametric simulation, and reliability analysis of key components. With seamless data transmission between TC and MES for design and process, it enables end-to-end product development from concept to production, building a fully digitalized product innovation chain.

【管理信息化】 公司以管理创新夯实企业高质量发展之基，信息化管理成为山西省制造业以

及煤机行业对标学习样板。公司现已从数字化管理向现代化、智慧化管理升级转变。现代化管理为公司效益提升起到重要作用。

1998 年，率先引入 MRPII 企业资源管理信息系统；

2003 年，升级成为 ERP 系统，实现了工作流、物流、信息流和资金流的四流合一，奠定现代化企业管理基础；

2005 年，公司信息化集成系统荣获信息产业部“国家倍增计划优秀项目奖”；

2015 年，全国首批“两化融合”认证，被推荐为全国两化融合体系标准试点企业；

2020 年，建立国内首个煤机行业 5G+工业互联网平台；

2022 年，行业首个国家级标识解析二级节点通过全国专家评审；

2024 年，公司生产信息化管理已由 ERP 全部切换至 MES，实现生产协同化、智能化、可溯化、无纸化和可视化管理。

[Management Informatization]

The company has solidified the foundation for high-quality development through management innovation, establishing its informatization management as a benchmark for the manufacturing sector in Shanxi Province and the coal mining machinery industry. The company has now transitioned from digital management to modern, intelligent management, significantly enhancing operational efficiency.

In 1998, it pioneered the introduction of the MRPII enterprise resource management information system;

In 2003, it upgraded to an ERP system, integrating workflow, logistics, information flow, and capital flow, thereby laying the foundation for modern enterprise management;

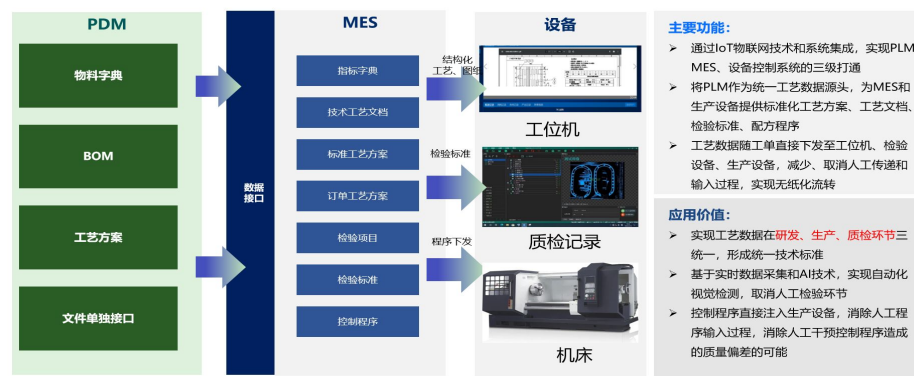
In 2005, the company's integrated informatization system was awarded the "National Double Plan Excellence Project Award" by the Ministry of Information Industry;

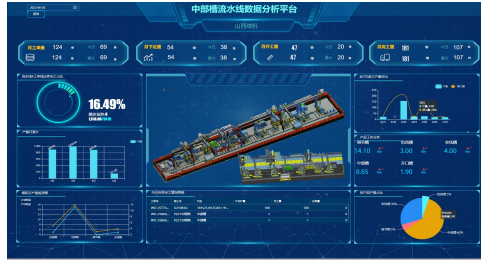
In 2015, it recognized as one of the first enterprises in China to receive the "Integration of Informatization and Industrialization" certification and recommended as a pilot enterprise for national integration standards;

In 2020, it established China's first 5G+ Industrial Internet platform in the coal mining machinery industry;

In 2022, the industry's first national-level secondary node of the identifier resolution passed the national expert review;

In 2024, the company fully transitioned production informatization management from ERP to MES, achieving collaborative, intelligent, traceable, paperless, and visual management.





【制造智能化】公司以新区建设为契机，以提高工序能力和产品质量为目的，持续实施大规模技术改进与装备升级，各种产线和加工岛均为行业首台套，与 MES 互联互通，实现了“无人值守”，形成了高智能、高效率和高质量的产能体系，培植新质生产力，打造智能制造行业标杆示范场景。

[Intelligent Manufacturing]

Leveraging the establishment of the new district as an opportunity and aiming to enhance process capabilities and product quality, the company has continuously implemented large-scale technological improvements and equipment upgrades. The production lines and processing islands are the industry's first-of-its-kind, achieving "unmanned operation" interconnected with MES. This has resulted in a highly intelligent, high-efficiency, and high-quality production capacity system, fostering new quality productive forces and creating a benchmark demonstration scenario in intelligent manufacturing industry.



中部槽智能生产线 Intelligent Production Line for Line Pans



电缆槽智能生产线 Intelligent Production Line for Cable Pans



热处理智能生产线 Intelligent Production Line for Heat Treatment



坡口切割打磨智能线 Intelligent Line for Bevel Cutting and Grinding



轨座/横梁智能加工岛 Intelligent Processing Island for Rail Seats/Crossbeams



销轨/刮板热处理智能岛 Intelligent Heat Treatment Island for Rack Rails/Scrapers



圆环链智能生产线 Intelligent Production Line for Round Link Chains



喷涂智能生产线 Intelligent Production Line for Spray Coating

【物流智慧化】 智能物流管理系统，以园区全域 5G 为支撑，集成应用“智能立体仓储+AGV 群”。智能立库实现货物立体存放、自动存取、标准化管理、提高空间利用率。AGV 群完成对各产线物料的精准高效配送。系统与 ERP 和 MES 互联互通，推动园区物流数字化革新。

[Smart Logistics]

Supported by full-coverage 5G in the park, the smart logistics management system integrates "smart stereoscopic warehouses + AGV fleets". These warehouses enable three-dimensional storage, automated access, standardized management, improving space utilization. AGV fleets accomplish precise and efficient material distribution to all production lines. The system interfaces with ERP and MES, driving digital innovation of logistics in the park.



【能源绿色化】 设备状态及能源智能化监控系统，可通过远程运营中心或手机端对所有设备包括开关机、运行时长、故障率、使用率、设备能源消耗等运行状态实时监测、参数采集及稼动率统计分析。

[Green Energy Utilization]

The intelligent monitoring system for equipment status and energy enables real-time monitoring, parameter collection, and statistical analysis of overall equipment efficiency (OEE) of all equipment, including startup/shutdown status, operation duration, failure rate, usage rate, and energy consumption via remote operation centers or mobile devices.



【园区数字大脑】通过 5G 全域覆盖，将人、车、物、能耗、环境、设备等全数据集成化管控，实现数据可视化、联动预警及过程控制、智能分析与科学决策，真正形成园区智慧大脑和智能化运营管理。

[Campus Digital Brain]

Supported by full-coverage 5G in the park, integrated management and control of all data related to people, vehicles, objects, energy consumption, environment, and equipment is carried out to realize data visualization, coordinated early warning and process control, as well as intelligent analysis and scientific decision-making, truly fostering the park’s digital brain and intelligent operation and management.



地脉同频

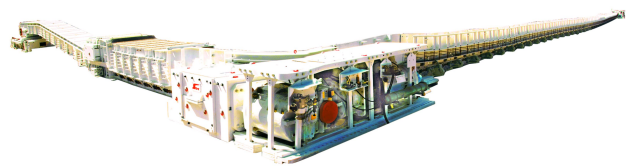
这是钢与煤的时空交响
从地心深处，到地表之上
多场景覆盖，全机型承载
我们架起了煤炭高效绿色输送的桥梁

将亿万年的沉默
谱写出现代综采壮美乐章

我们追求极致
以匠心品质为基

将工艺与材料完美结合
以智能算法为翼
让机械的心跳与煤炭的脉动同频

从千万吨级装备技术的国产化
到如今领先世界的数字化与智能化
山西煤机，每一次技术壁垒的突破与跃升
都是行业崭新的里程碑



Resonating with the Earth's Pulse

This is a symphony of steel and coal across time and space
From the depths of the earth to the surface above
Covering diverse scenarios, supporting all types of machinery
We have built a bridge for efficient and green coal transportation

Turning the eons of silence
Into the grand movement of modern fully-mechanized mining

We strive for perfection
Rooted in craftsmanship quality

Perfectly blending processes and materials
With intelligent algorithms as our wings
We synchronize the heartbeat of machinery with the pulse of coal

From the localization of 10-million-ton equipment technology
To today's world-leading digital and intelligent advancements
For Shanxi Coal Mine Machinery, each breakthrough and leap in technology
Marks a new milestone for the industry

【技术创新】公司以技术创新积累企业高质量发展之本，使产品始终保持技术先进、高可靠性和高适应性。以市场为导向，公司深度构建“专业人才、研发平台、长效机制”三位一体的产品技术创新体系，基于“产学研用”无缝对接，不断加快产品升级迭代速度。依托国家高新技术企业及省级技术中心、重点实验室与工程中心、博士后工作站等技术创新体系，公司先后主持完成了千万吨级综采面成套装备“十一五国产化”、“十二五数字化”和“十三五智能化”等国家重大科技专项，实现了示范应用和国产替代，推动我国煤炭向少人和无人智能化开采迈出一大步，形成发明专利 40 多项，实用新型 100 多项。10 余项成果国际领先，荣获国家和行业多项重大奖项。



[Technological Innovation]

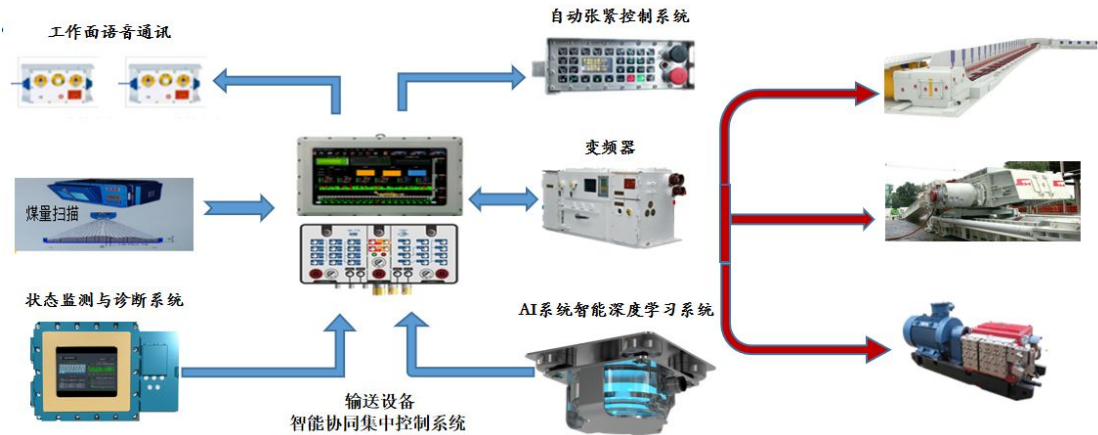
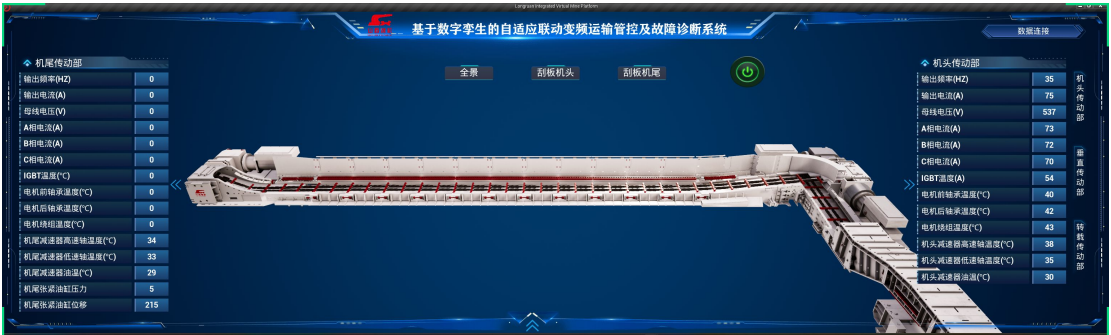
The company has built a solid foundation for high-quality development through technological innovation, ensuring its products remain advanced, highly reliable, and adaptable. Guided by market demands, it has established a trinity of technological innovation systems integrating "professional talent, R&D platforms, and long-term mechanisms." By seamlessly connecting industry, academia, research, and application, the company accelerates product upgrades and iterations. Leveraging its status as a national high-tech enterprise and supported by the provincial technical center, key laboratory, engineering center, and postdoctoral workstation, the company has led the major national R&D projects, including the 10-million-ton fully-mechanized mining equipment localization during the 11th Five-Year Plan, digitalization during the 12th Five-Year Plan, and intelligentization during the 13th Five-Year Plan. These achievements have enabled pilot applications and domestic substitution, advancing China's coal mining industry toward intelligent mining with few or no people. The efforts have yielded over 40 invention patents, more than 100 utility model patents, and 10-plus internationally leading breakthroughs, earning multiple national and industry awards.



【智能产品】面对行业发展新常态，公司准确把握煤炭转型升级对技术装备提出的新要求，在装备成套化、高可靠性、自动化、智能化等技术领域大力开展创新实践。基于对现代传感、自控、通讯、物联及人工智能、虚拟现实等先进技术的科学融合，研发应用了包括输送机永磁变频高效驱动、多参数状态监控、煤量扫描、智能调速、自动紧链、数字孪生、健康诊断、成套设备智能协同集中控制、电子围栏预警以及自移机尾自动控制等一批具有完全自主知识产权和世界领先水平的核心技术及成果，持续提升产品对运行状态和采掘环境的感知及自适应调控能力。公司智能化产品占年销售 70%以上。

[Smart Products]

In the face of the new normal in industry development, the company has accurately grasped the new requirements for technological equipment brought about by the transformation and upgrading of the coal industry. It has vigorously carried out innovative practices in technological fields such as complete equipment sets, high reliability, automation, and intelligence. Based on the scientific integration of advanced technologies such as modern sensing, automatic control, communications, the Internet of Things, artificial intelligence, and virtual reality, the company has developed and applied a series of core technologies and achievements with fully independent intellectual property rights and world-leading standards. These include permanent magnet frequency conversion high-efficiency drives for conveyors, multi-parameter condition monitoring, coal volume scanning, intelligent speed regulation, automatic chain tensioning, digital twin, health diagnosis, intelligent collaborative centralized control of complete equipment sets, electronic fence warnings, and automatic control of belt Matilda. The company's smart products account for over 70% of its annual sales.



【品控体系】公司以质量求生存，全面深化 ISO9000 质量管理体系，持续提高设计工艺标准化、生产加工流程化、试验检验现代化水平。拥有对产品 & 关键部件进行各种性能试验和检测的先进设备上百台（套），同时建有金属材料实验室、焊接实验室、电液控制实验室、减速器试验中心、圆环链成套力学测试系统、中部槽强度试验台、链轮测试试验台、整机智能测试中心等。通过过程控制，最大限度提升产品性能和使用寿命。公司系列产品被广泛应用到国内主要大中型现代化矿井，连续多年被评为国内名牌产品和煤机行业满意产品。

[Quality Control System]

The company regards quality as its lifeline and has comprehensively implemented the ISO9000 Quality Management System. It continuously enhances the standardization of design and processes, proceduralization of production and processing, and modernization of testing and inspection. Equipped with hundreds of advanced devices for conducting various performance tests and inspections on products and key components, the company operates a metal materials laboratory, a welding laboratory, an electro-hydraulic control laboratory, a gearbox testing center, the comprehensive mechanical testing system for round link chains, the strength testing platform for line pans, the sprocket testing platform, and an intelligent testing center for complete machines. Through rigorous process control, the company maximizes product performance and service life. Its product series are widely used in major large and medium-sized modern mines across the country and have been consistently recognized as renowned national brands and satisfactory products in the coal mining machinery industry.



价值共生

无论时代如何变迁
我们的
发展为了员工
发展依靠员工
发展成果与员工共享

从两次机制体制改革
到公司股份制改造
股权书上镌刻的不只是名字
而是全体员工与企业风雨同舟的掌纹印记

当我们整合全球优势资源
为产业链提供产品全生命周期价值服务时
数字大屏上跃动的不只是信息代码
更是广大煤机用户的微笑和认可

以人为本 和谐发展
这是我们一以贯之的核心价值和不懈追求

Value Symbiosis

No matter how the times change
We
Develop for our employees
Rely on our employees
Share the fruits of development with our employees

From two rounds of institutional and mechanism reform
To the shareholding transformation
What is engraved in the equity certificates is not just names
But the palm prints that symbolize the entire staff standing with
the enterprise through thick and thin

When we integrate global resources
To provide full life-cycle value services for the industrial chain
What flickers on the digital screen is not just information codes
but the smiles and recognition of our customers

People-oriented harmonious development
This is the core value we consistently uphold and pursue



【深化改革】以机制体制创新释放企业高质量发展之力。公司以资产为纽带，通过两次股改，把全体员工变为企业真正的主人，使员工利益和企业利益紧密结合在一起，给企业注入生机勃勃的活力。公司实现了企业资产保值增值、职工收入增长和股东分红回报。

[Innovation in Institutions and Mechanisms]

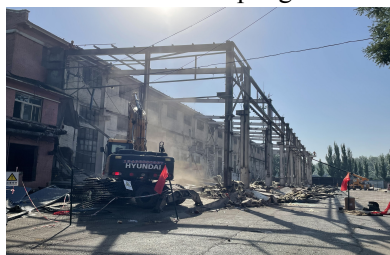
With institutional and mechanism innovation, the company unleashes the momentum for high-quality development. Taking assets as the link, the company has turned all employees into its true owners through two rounds of shareholding reforms, closely aligning the interests of employees with those of the company and injecting vibrant vitality. As a result, the company has achieved sustained growth in corporate assets, employee incomes, and dividend returns for shareholders.



【社会责任】舍小为大、举厂搬迁。为贯彻落实山西省委省政府关于中部城市群建设和太原市与晋中市“道路打通一体化”发展重大决策部署，2022年，在山西省重点工程项目中，公司立足全局，迎难而上，3个月腾空和拆除道路上所有厂房（涉及公司80%产能）。在内外严峻复杂环境下，企业同时保搬迁、保生产、保建厂，完成了一项不可能完成的艰巨任务。非常时期，企业担当之举和特殊贡献受到了省市政府和社会行业的高度认可。

[Social Responsibility]

Prioritizing collective interests over its own, the company relocated its entire factory. In 2022, as part of a key provincial project in Shanxi, the company has demonstrated broad perspective and resilience by vacating and demolishing all factories (affecting 80% of its production capacity) along the road within just three months. This move supported the major decisions and arrangements of the Shanxi Provincial CPC Committee and Government regarding the construction of the central urban agglomeration and the transportation connectivity between Taiyuan and Jinzhong. Despite the severe and complex internal and external environment, the company simultaneously ensured relocation, maintained production, and advanced new park construction, accomplishing what was once deemed an impossible and arduous task. During this critical period, its sense of responsibility and special contributions were highly recognized by the provincial and municipal governments, as well as the society and the industry.



举厂搬迁



抗击疫情



抗洪救灾