

优质产品——企业生存之血脉
HIGH QUALITY PRODUCTS IS THE IMPORTANT GUARANTEE OF ENTERPRISE SURVIVAL

恒天重工股份有限公司
HI-TECH HEAVY INDUSTRY CO.,LTD.

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恒天重工股份有限公司
HI-TECH HEAVY INDUSTRY CO.,LTD.

COMPANY PROFILE

公司简介

恒天重工股份有限公司（简称：恒天重工）成立于1949年，是新中国最早投产的国营纺织机械厂，被誉为中国纺机装备的“孵化器”，是中国恒天集团直接管理的重点企业，隶属于中国机械工业集团有限公司。

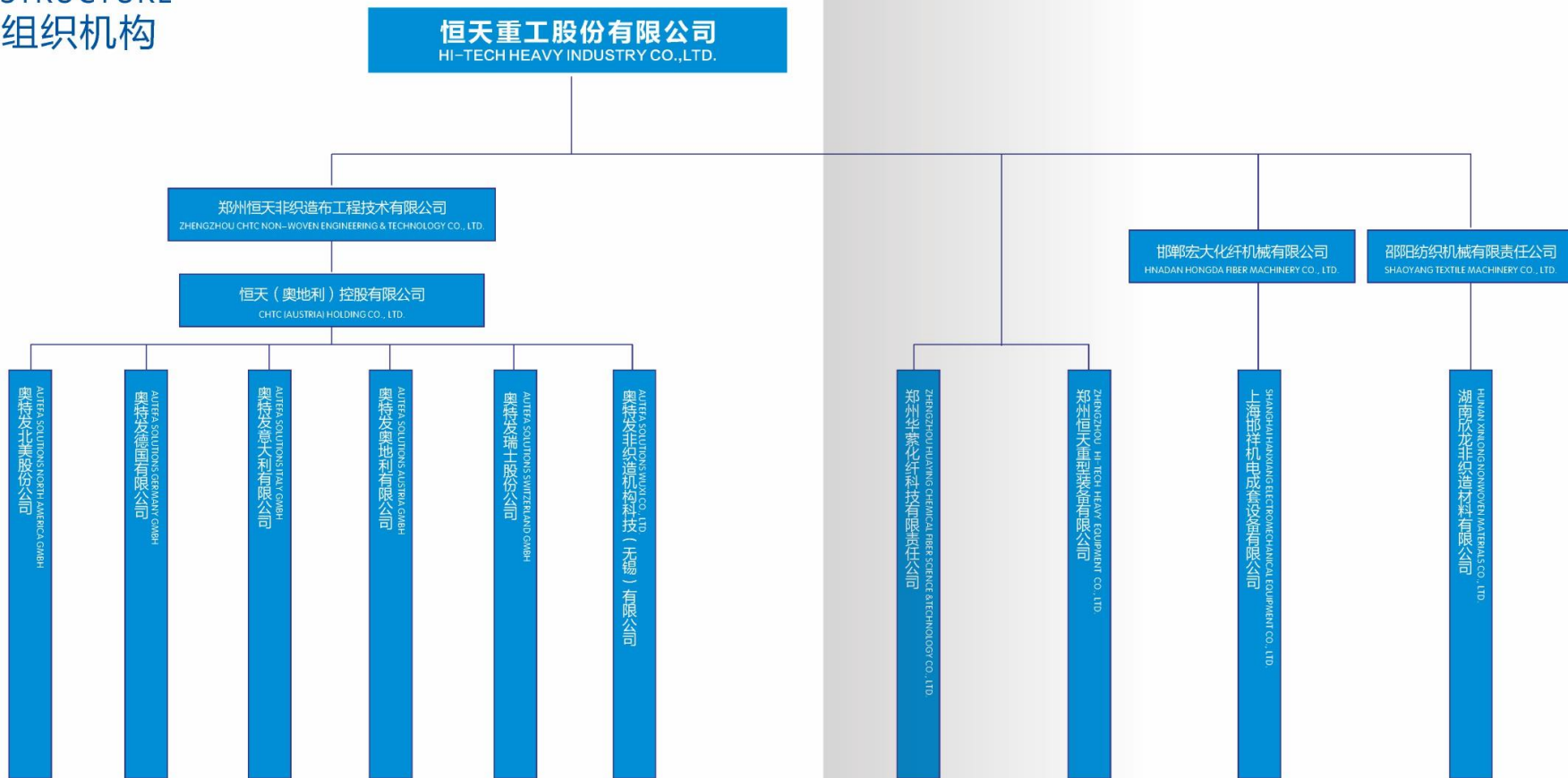
恒天重工已发展成为全品类非织造布成套生产线综合供应商，涤纶、特纤（碳纤维、芳纶、高强高模聚乙烯等）、纤维素纤维成套装备，织造浆纱及印染装备供应商。非织造布工艺成套设备技术达到国际先进水平；涤纶长短纤维、粘胶、绿色纤维成套装备业务规模和技术水平位于国际前列；浆纱设备技术位于国际先进水平。纺机产品出口到70多个国家和地区，具备全流程国际服务能力，用户遍布“一带一路”沿线区域，是我国纺机行业技术装备先进、产品功能齐全、品种繁多、辐射面广、开发能力强的大型国际化国有企业。

Hi-Tech Heavy Industry Co., LTD. (referred to as: HTHI), established in 1949, is China's eldest state-owned textile machinery factory. It is widely recognized as the "cradle" of China's textile machinery equipment and the key enterprise under the management of China Hi-Tech Group Corporation (CHTC), a subsidiary of China National Machinery Industry Corporation (SINOMACH).

HTHI is now a comprehensive supplier of complete sets of nonwoven production lines, polyester staple fiber lines, special fiber lines (including carbon fiber, aramid fiber, ultra high molecular weight polyethylene fiber, etc.), cellulose fiber lines and weaving, sizing and printing equipment. The technology of our nonwoven equipment has reached the international advanced level. Our business scale and technical level in the field of complete set of equipment for polyester staple fiber, filament, viscose and green fiber are globally leading, sizing machine is ranking the international advanced level. Our textile machinery products have been exported to over 70 countries and regions with full international service capabilities. We have users across the "Belt and Road" region and are recognized as a leading international state-owned enterprise with advanced technology, diverse products, extensive market reach, and strong development capabilities.

ORGANIZATION STRUCTURE

组织机构



CORPORATE PHILOSOPHY

企业理念

(一) 价值理念系统

VALUESYSTEM

03

CORPORATE VISION

企业愿景

打造世界一流纺机企业，制造国际一流纺机产品。

Build a world-class textile machinery enterprise, manufacture a world-class textile machinery products

01

ENTERPRISE SPIRIT

企业精神

协同 创新 卓越

Cooperation Innovation Excellence

02

DEVELOPMENT STRATEGY

发展战略

整合企业资源和社会资源，以业务结构为主线，推动股权结构、业务结构、组织结构和人才结构等的调整，统筹纺织机械、工程机械、专用汽车三类业务，实现恒天重工又好又快发展。

Integrate enterprise resources and social resources, take business structure as the main line to promote the adjustment of ownership structure, business structure, organizational structure and talent structure, and unify these three businesses of textile machinery, engineering machinery and special vehicles, so as to realize the sound and rapid development of Hi-Tech Heavy Industry Co., Ltd.

04

CORE VALUE

核心价值观

合力同行 创新共赢

Go Hand-in-Hand
Innovation and Win-Win

05

BUSINESS PURPOSE

经营宗旨

为用户创造价值，让用户更放心、省心、贴心，做全球纺织企业的朋友。

Create values for customers, let them really experience to rest assured, intimate and save worry, make friends with global textile enterprises.

(二) 行为规范系统

CODE OF CONDUCT SYSTEM

01

BEHAVIOR STANDARD FOR ENTERPRISE

企业行为准则

科学管理 依法经营 追求创新
规避风险 信守承诺 竭诚服务

Scientific management, legitimate operation, pursuing innovation, evading risks, good trustworthiness, sincere service.

02

BEHAVIOR STANDARD FOR STAFF

员工行为守则

爱岗敬业 厚德重法 勤学善思
高效执行 团结协作 创新进取

Love and respect their jobs, self-improving and attach importance to laws, study diligently and good at thinking, effective implementation, solidarity and cooperation, innovative and forging ahead.

BRILLIANT HISTORY 辉煌历程

1949年
公司的前身郑纺机厂在共和国的礼炮声中诞生

1951年
郑纺机厂从生产出第一批32台粗纱机开始，基本上年年试造新产品，产品品种由只生产清花设备，发展到研制开发各种纺机产品1000多种

70年代
主要开发中小型腈纶、锦纶、涤纶等化纤设备

80年代
主要开发化纤和平网印花机

60年代
主要开发粘胶和维尼纶设备

50年代
主要开发棉纺清花、浆纱和印染设备

1987年
年产15000吨涤纶短纤维后处理设备获国家重大技术装备奖

1991年
GA301浆纱机获国家唯一金牌家纺机

2001年3月
通过了北京中质协质保中心的质量体系审核，率先在纺织机械行业取得了2000版ISO9001标准的质量体系认证

90年代
则是瞄准世界先进水平，在起点上迈大步，主要发高档清梳联和浆纱机、大型干法腈纶和粘胶设备
开清梳联合机和往复式抓棉机获国家重大科技攻关奖

2006年
“年产45000吨粘胶短纤维工程系统集成化研究”项目获得近20年来纺织行业唯一的国家科技进步一等奖

2002年5月
郑州纺织机械股份有限公司成立，标志着郑州纺机告别了53年工厂制的历史，实现了公司化的管理运行模式

DEVELOPMENT HISTORY

In 1949, the company's predecessor, Zhengzhou Textile Machinery Plant, was born with the foundation of new China.
In 1950s, blowing, sizing and dyeing & printing equipments were mainly developed;
In 1951, the first 32 sets of roving machine were produced, and since then new products appeared almost every year. The varieties of products have been up to more than one thousand from the sole blowing equipment.
In 1960s, viscose and vinylon equipment were mainly developed;
In 1970s, medium and small sized acrylics, nylon and polyester fiber equipments were mainly developed;
In 1980s, chemical fiber equipment and flat screen printing units were mainly developed;
In 1987, State Significant Technical Equipment Prize was awarded to the annual 15,000 tons polyester staple fiber after-treatment equipment.
In 1990s, top-grade blowing carding unit, sizing, large-scale dry acrylic fiber and viscose equipment were mainly developed, with the aim to the international advanced level and great progress on high start point. blowing-carding machine and reciprocating bale plucker won the great national technology research prize.
In 1991, GA301 sizing machine was awarded the sole Gold Medal of National Textile Machinery Industry.
In March 2001, Zhengzhou Textile Machinery Plant passed the production auditing from Beijing Quality Assurance Center of China Association for Quality, taking the lead in the textile machinery industry achieved 2000 version of the standard of ISO9001 quality system certification.
In May 2002, Zhengzhou Textile Machinery Co., LTD. was set up, marking the farewell to 53-year history of Plant system, realizing the corporation operation management model.
The project in 2006 "Integrated research on rayon staple engineering system with annually produced production capacity of 45000t" won the sole national technology progress first prize in textile industry in recent 20 years.
In 2010, by means of capital and stock increases, reorganization and acquisition, Zhengzhou Textile Machinery was renamed HI-Tech Heavy Industry Co., Ltd. The major businesses were expanded from sole textile machinery to three principal businesses—textile machinery, engineering machinery and special vehicles.
In September 2014, headquarters of HI-Tech Heavy Industry Co., Ltd. was moved to No.258, Wutong street and started the new trip.
In January 2015, Zhengzhou Textile Machinery Engineering & Technology Co., Ltd. was founded.
In December 2019, deployed strategically by CHTC Group HI-Tech Heavy Industry Co., Ltd. integrated China Textile Science & Technology Co., Ltd. and Autefa Solutions, which are focusing on nonwoven businesses.
In January 2020, according to the comprehensive reform plan of CHTC Group, CHTC Group abolished the heavy industry sub-group. Textile machine business was returned to the management of HI-TECH Heavy Industry, and CHTC (Austria) Holding Co., LTD. was incorporated into the HI-TECH.
In 2022, CHTC JOVE, Jiangxi Bailujia, Zhonghengtian Automobile and Hebei Lida were adjusted out of the management of HI-TECH Heavy Industry by CHTC Group. The main business of textile machine was further focused.

2015年1月
恒天重工纺织业务注册成立郑州纺机工程技术服务有限公司

2010年
通过增资扩股、重组并购、资产整合，更名为恒天重工股份有限公司，主营业务也由过去单一的纺机拓展为纺织机械、工程机械、专用汽车三大主业

2014年9月
恒天重工股份有限公司（总部）完成易地搬迁，告别了曾经奋斗65年的南阳路290号，在梧桐街258号开始了新的征程

2019年12月
根据恒天集团战略部署，恒天重工股份有限公司整合了中纺科技、奥特发等公司非织造布业务

2020年1月
根据恒天集团综合改革方案，恒天集团撤销重工子集团，纺织业务回归恒天重工管理，并将恒天（奥地利）控股有限公司纳入旗下

2022年
恒天集团将恒天九五、江西百路佳、中恒天汽车、河北利达调整出恒天重工管理范围，纺机主业进一步聚焦



GIVE-GAVE 领导关怀

1. 1958年,邓小平,刘少奇,朱德等党和国家领导人先后来厂视察,对企业的发展进步给予了肯定和鼓励。
2. 1959年,企业荣获全国红旗单位光荣称号,厂长张仲彭参加了北京召开的全国群英会,周恩来总理亲自授旗。
3. 1991年,江泽民总书记视察我厂。
4. 2000年,吴邦国副总理视察我厂。
5. 2014年,中共中央政治局委员、国务院副总理马凯公司视察。

1. In 1958, National leaders and party leaders Mr. Deng Xiaoping, Mr. Liu Shaoqi and Mr. Zhu De etc. successively came to the Plant for inspection and give their affirmation and courage for the enterprise' development.
2. In 1959, Zhengzhou Textile Machinery Plant was awarded the whole national red-banner unit title, Director Mr. Zhang Zhongpeng participated in Hero Conference of the whole nation held in Beijing and Premier Mr. Zhou Enlai personally presented the banner, to him.
3. In 1991, Secretary-general Mr. Jiang Zemin inspected the Plant.
4. In 2000, vice premier Mr. Wu Bangguo inspected the Plant.
5. In 2014, CPC Politburo member and Vice Premier Mr. Ma Kai inspected the company.

COMPANY PROFILE

公司资质



质量管理体系认证证书
Certificate of Quality Management System



质量管理体系认证证书
Certificate of Quality Management System



中华人民共和国特种设备生产许可证
Manufacture License of Special Equipment People's Republic of China



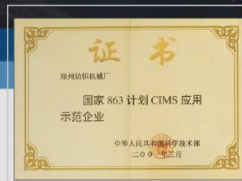
科技进步奖
Science and Technology Progress Award



科技进步奖
Science and Technology Progress Award



国家级新产品
Certificate of State-Level New Products



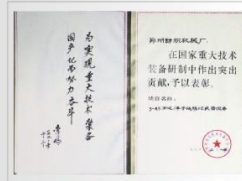
国家863计划CIMS应用示范企业
CIMS Appliance Demonstrating Enterprise in the National 863 Plan



国家技术创新优秀项目奖
National Technical Innovation Outstanding Project Award



国家85科技攻关重大科技成果
Major Scientific and Technological Achievements in the National 85 Plan



国家重大技术装备研制突出贡献
Outstanding Contributions in the Research & Development of Major National Technical Equipment



国家重大技术装备
State Major Technical Equipment



国家二级企业
National Secondary Enterprise



高新技术企业
High-Tech Enterprise



国家认定技术中心
National Accreditation and Technology Center

人力资源&技术研发

HUMAN RESOURCE AND TECHNOLOGY RESEARCH AND DEVELOPMENT

恒天重工坚持“技术是根，创新是魂，人才是本”的经营理念，始终认为人力资源是企业的“第一资源”，深入实施人才强企战略，助推公司高质量发展；始终把人才作为企业发展的创业之本、竞争之本、发展之本，通过建设高素质专业化的人才队伍，增强企业核心竞争力。

公司把研究人的需求、尊重人的劳动、提高人的价值、挖掘人的潜能、培养人的后劲、塑造人的精神、改善人的素质，作为公司一切工作的出发点和落脚点；积极深化校企合作模式，以独特的人才招聘战略、开阔的事业发展空间、优良的人才成长环境、有效的激励机制引纳和培育人才，使企业成为人才聚集的高地。

目前公司已经形成了敬人敬业、公平竞争、尊重知识和人才的良好企业氛围，并通过构建科学规范、公平公正、运行高效的人才治理体系，树立重实干、重实绩的用人导向，最大限度激发广大员工的活力和潜力，让奋发者发挥聪明才智、成就事业，让有为者与企业共同成长、共同实现价值与梦想。

Hi-Tech Heavy Industry Co., Ltd. (hereinafter called "HTHI") adheres to the business philosophy of "Technology is the root, innovation is the soul and human resource is the base.". We always believe that human resource is "the first resource" of the enterprise to fully implement the strategy that strengthen enterprises with talents, and promote high-quality development of the enterprise; we always take the talents as the roots of entrepreneurship, competition and development, and build a contingent of highly qualified and specialized personnel to enhance our core competitiveness.

HTHI views the people's demands, respects the people's labor fruits, realizes the people's values, exploits the people's potential, cultivates the people's momentum, shapes the people's spirit and improve the people's quality as the starting point for the whole work. HTHI actively deepens the cooperation between schools and enterprises and makes itself the talents converging highlands with its unique employing strategy, broad development space ,excellent talents growth environment, effective incentive mechanism and humanistic enterprise culture idea. At present, HTHI has formed a good enterprise atmosphere of respecting people and dedication, fair competition, knowledge and talents, which has built a scientific, standardized, fair, justic, and efficient talent governance system, and set up the personnel selecting guidance based on their ability and fulfillment ambitions to maximum limit arouse the vitality and potential of the employees, let them go play their intelligence to achieve the enterprise, and promise the doers to grow together with enterprises and realize their value and dream.



井然有序的产品研发中心
Sleek Product Research And Development Center



协作创新的研发团队
Synergic Research And Development Team



功能齐全的实验平台
Fully functional Experimental platform



不断创新的技术
Innovative Technology

精良装备

EXCELLENT AND FINE EQUIPMENT

工欲善其事，必先利其器。恒天重工经过70多年的发展壮大，目前已有数控机床加工体系、数控钣金加工体系、焊接机器人加工体系、表面处理加工体系、高精度检测体系等全工艺流程的能力，拥有数控设备400余台套，形成了强大的加工制造与总装能力。

A workman must first sharpen his tools if he is to do his work well. After more than 70 years of development and growth, currently HTHI has the capability of whole process flows of CNC machine tool processing system, welding robot processing system, CNC gold processing system, surface treatment processing system, high-precision detection system etc. More than 400 sets of CNC equipment, have been forming a strong processing, manufacturing and assembly capacity.



数控落地式铣镗床
CNC Floor Type Milling & Boring Machine



大视野金相显微镜
Wide Field Metallurgical Microscopy



显微维氏硬度计
Vickers Indenter



◆ 电液同步数控折弯机
Electro-hydraulic Synchronous
CNC Bending Machine



◆ 光纤切割机 (百超)
Fiber Optical Cutter (bystronic)



◆ 马扎克五面体
Mazak Pentahedron



◆ 5米双柱数控立式车床
5m CNC Double Column
Vertical Lathe



◆ 数控龙门式五面体加工中心
CNC Gantry 5-Coordinate
Machining Center



◆ 12米数控动梁龙门镗铣床
12m Cnc Gantry Boring &
Milling Machine With A
Movable Cross Rail



◆ 12米数控重型卧式车床
12m CNC Heavy-duty
Horizontal Lathe



◆ HSA-423型EAY龙门加工中心
Gantry Frame Machining
Center (HSA-423)



◆ 龙门天吊机器人焊接系统
Single-beam Crane Robot
Welding System

纺织机械

TEXTILE MACHINERY

纺织设备的研发、制造和销售业务是恒天重工的核心业务，其综合实力在国内纺机行业位居第一，在全球纺机领域位居第二。产品涵盖纺织全流程设备、化纤成套设备、印染成套设备、非织造布成套设备和纺机专件等，在国内市场一直占据主导地位。并出口世界七十多个国家和地区，为中国纺织工业的发展和进步做出了重要贡献。

R&D, Manufacturing and sales of textile machinery are the core businesses of Hi-Tech Heavy Industry Co.,Ltd,which is No.1 in Chinese textile machinery industry, NO.2 all over the world. Its products cover complete production line for cotton spinning & weaving equipment,chemical fiber wquipment,printing & dyeing equipment, nonwoven equipment, and special parts for textile machinery, which have dominated Chinese domestic market,and have been exported to more than 70 countries and regions. It has made great contribution to the development and progress of Chinese textile industry of China.

化纤
成套设备

COMPLETE OF CHEMICAL
FIBER MACHINERY

非织造布
成套设备

COMPLETE NON-
WOVEN EQUIPMENT

织造
成套设备

COMPLETE SET OF
WEAVING EQUIPMENT

印染
成套设备

COMPLETE SET OF PRINTING
& DYEING EQUIPMENT

化纤成套设备

COMPLETE OF CHEMICAL FIBER MACHINERY

- ⑤ 涤纶成套设备 Complete Set of Polyester Staple Fiber Machinery
- ⑤ 粘胶成套设备 Complete Set of Viscose Fiber Equipment
- ⑤ 莱赛尔纤维成套设备 Complete Set of Lyocell Fiber Equipment
- ⑤ 高强高模聚乙烯成套设备 Ultra High Molecular Weight Polyethylene Fiber Equipment
- ⑤ 碳纤维成套设备 Complete Set of Carbon Fiber Equipment
- ⑤ 长丝成套设备 Complete Set of Filament Equipment
- ⑤ 腈纶成套设备 Complete Set of Acrylic Fiber Equipment
- ⑤ 芳纶设备 Aromatic Polyamide Fiber Equipment

恒天重工是国内主要的化纤设备成套供应商之一，产品种类覆盖涤纶、腈纶、锦纶、丙纶、粘胶等大部分化纤产品。从业务规模来看，是全球最大的粘胶短纤成套设备供应商，是世界三大涤纶短纤成套设备供应商之一，近年来积极开发包括碳纤维、高强聚乙烯纤维、高强及水溶维尼纶、Lyocell纤维等高新纤维设备。

Hi-Tech Heavy Industry Co.,Ltd. is the main chemical fiber equipment supplier in china. products include polyester staple fiber equipment, acrylic fiber equipment, nylon fiber equipment, polypropylene fiber-equipment and viscose fiber equipment. We are the biggest supplier of viscose fiber equipment and one of three biggest suppliers of polyester staple fiber equipment in the world. In recent years, we are designing carbon fiber equipment, high PE fiber equipment, high tenacity vinylon fiber equipment and lyocell fiber equipment.



⑤ 涤纶成套设备 Complete set of Polyester Staple Fiber Machinery



⑤ 纺丝联合机
Spinning Line



⑤ 紧张热定型机
Annealer



⑤ 第二牵伸机
Draw stand II



⑤ H2/HD3184型大容量卷曲机
H2/HD3184 High capacity Crimper



⑤ 全自动型打包机
Baler



▲ 黄化机
Xanthator



▲ 精炼机
Aftertreatment Equipment



▲ 烘干机
Dryer



▲ 压榨机
Ac Press



▲ HR/HD372型粘胶短丝纺丝机
HR/HD372 Viscose Staple Fiber Spinning Machine



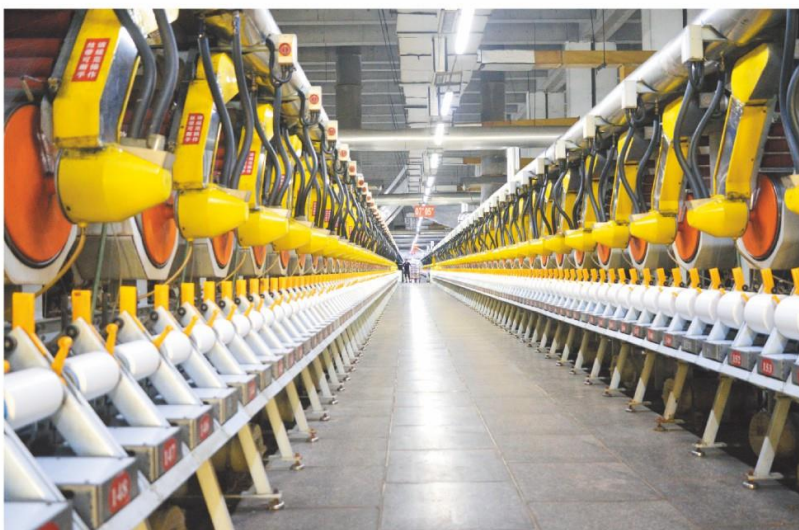
▲ 莱赛尔纤维水洗机
Lyocell Washing Machine



▲ 莱赛尔纤维纺丝机
Lyocell Spinning Machine



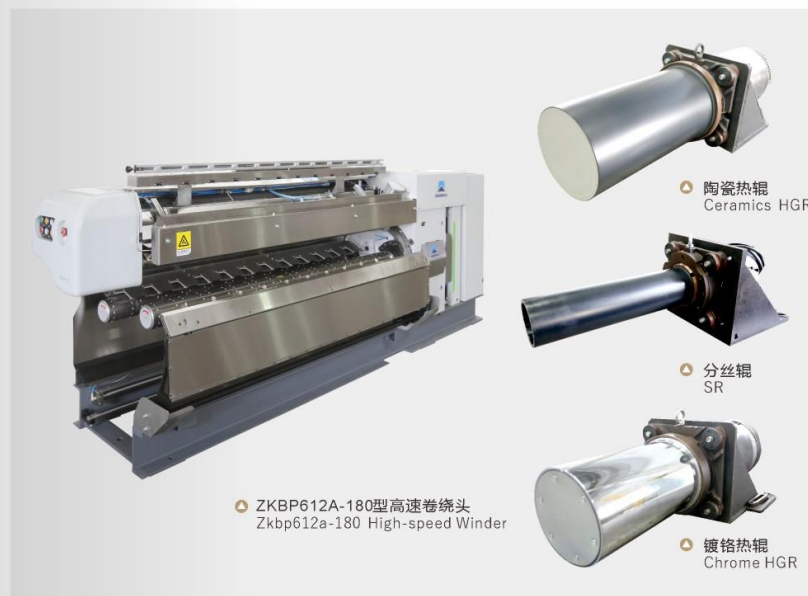
▲ Lyocell纤维成套设备
Lyocell Fiber Line



粘胶长丝纺丝设备
VISCOSE FILAMENT SPINNING MACHINE



涤纶长丝成套设备
Complete Set of Polyester
Filament Equipment

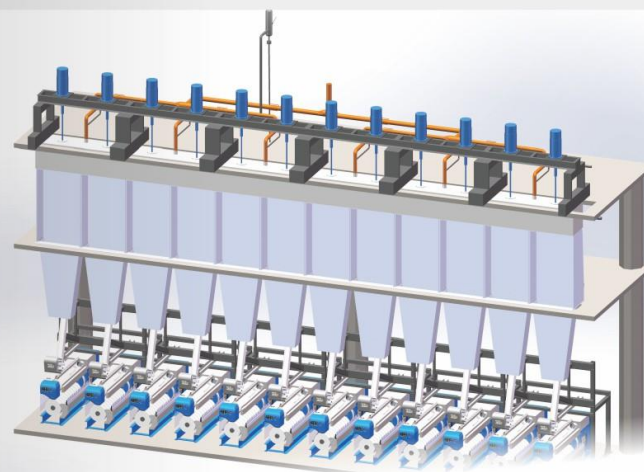


ZKBP612A-180型高速卷绕头
Zkbp612a-180 High-speed Winder

陶瓷热辊
Ceramics HGR

分丝辊
SR

镀铬热辊
Chrome HGR



非织造布成套设备

COMPLETE NON-WOVEN EQUIPMENT

- ▶ 水刺生产线 Spunlace Production Line
- ▶ 针刺生产线 Needle-punching Production line
- ▶ 热风生产线 Hot air Production Line
- ▶ 纺粘生产线 Spun-bond Production line
- ▶ 熔喷生产线 Melt-blown Production line
- ▶ 湿法水刺生产线 Wet-laid Spunlace Production Line,
- ▶ 可冲散水刺生产线 Flushable Spunlace Production Line,
- ▶ 高速杂乱水刺生产线 High-speed Random Spunlace Production Line



水刺生产线
Spunlace Production Line



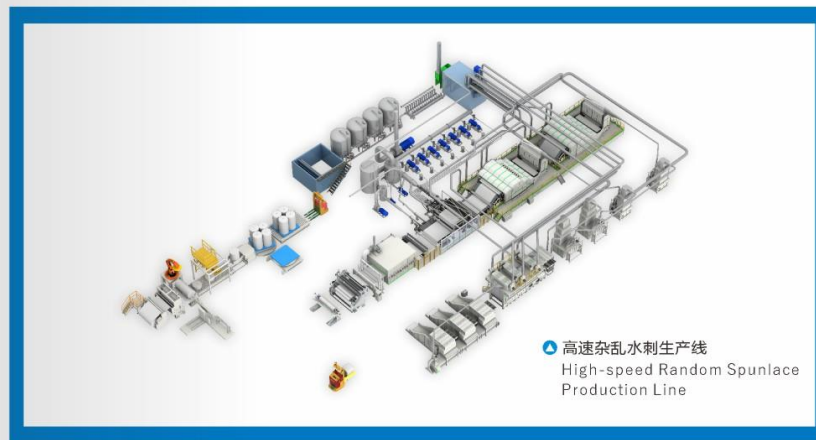
▶ 水刺机
Spunlace machine



▶ 烘干机
Dryer



▶ 卷绕机
Winding machine



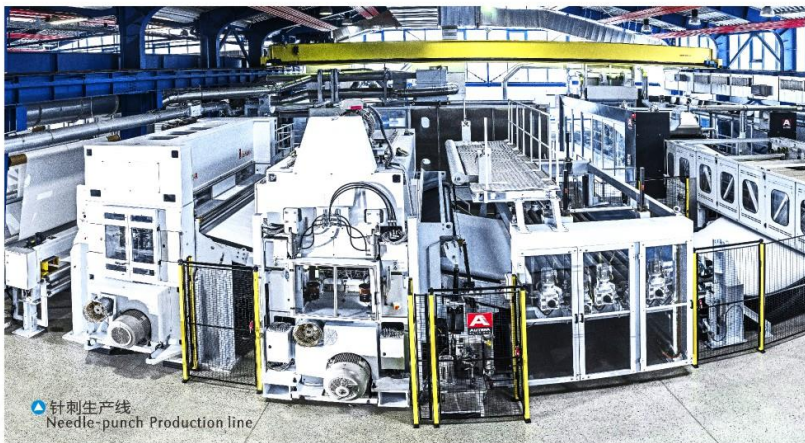
▶ 高速杂乱水刺生产线
High-speed Random Spunlace
Production Line



▶ 称量喂料机
Weighing feeder



▶ 梳理机
Carding Machine



▲ 针刺生产线
Needle-punch Production line



▲ 针刺机
Needle-punch machine



▲ 热风粘结点
Hot-air Bonding Machine



丙纶纺粘法非织造布生产线
PP spunbond nonwovens
production line



◉ 熔喷非织造布生产线
Meltblown Production Line

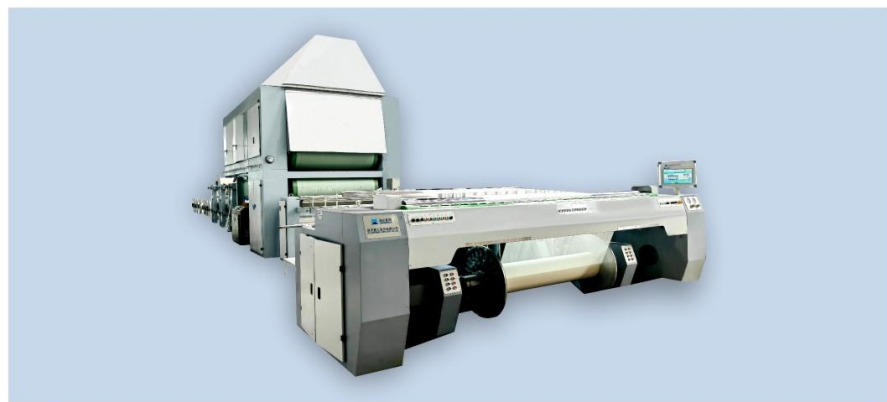


织造成套设备

COMPLETE SET OF WEAVING EQUIPMENT

提供“交钥匙”服务，
专业事交给专业人去做，
精品交付，消除客户一切烦恼。

Providing "turnkey" service.
Leave professional work to professionals.
Quality delivery eliminates all worries of customers.



GA317型浆纱机
GA317 Sizing Machine



智能化浆料生产系统
Automatic Size Production System

印染成套设备

PRINTING&DYEING EQUIPMENT

全套染色棉、脱脂棉设备：

Complete set of cotton dyeing, Cotton degreasing equipment:

全面提升染色棉流程的自动化水平，染色棉的可纺性得到全面验证。各大染色棉基地广泛使用。开松与短纤圆网烘干机占国内市场98%以上。

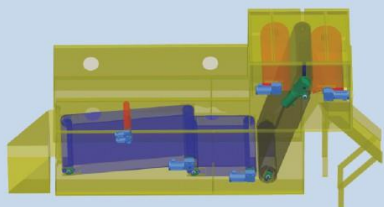
Automation level of Cotton dyeing process is fully increased, spinnability of dyeing cotton is verified. This kind of equipment is widely used in many big dyeing cotton production zones. Sales of opener and staple fiber rotary-screen dryer counted for 98% of domestic market.

染色棉设备 流程一

Fiber Dyeing Typical Flow Line I

适用于大批量的散纤维染色和脱脂。

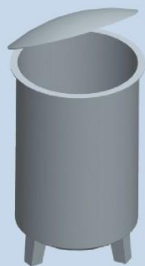
It is applicable to dye and degrease of a large quantities of loose fibers



ZF1103 干开机
ZF1103 Dry Opener



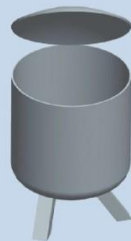
ZF1104 打饼机
ZF1104 Cake Stamping Machine



染色（脱脂）机
Dyeing (Degreasing) Machine



ZF1108 顶饼机
ZF1108 Cake Tipping Machine



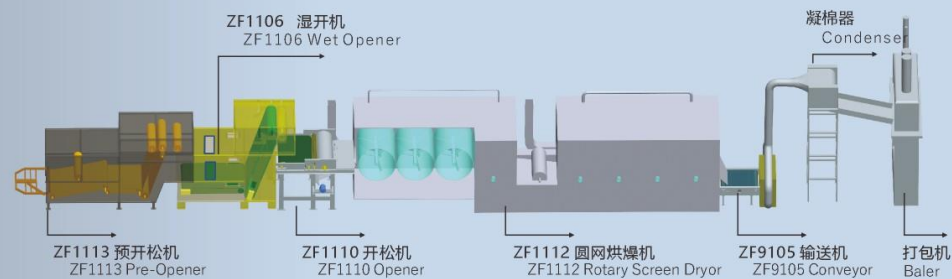
离心脱水机
Centrifugal Dehydrator

混棉设备：

Blending equipment:

提供多种形式（平铺直取、气流翻腾）的原料混棉设备，可单独使用或在线生产。

We can provide a variety of cotton blending equipment such as "flat-lay & direct-take" or "air flow billowing", the equipment can be used alone or produce online.





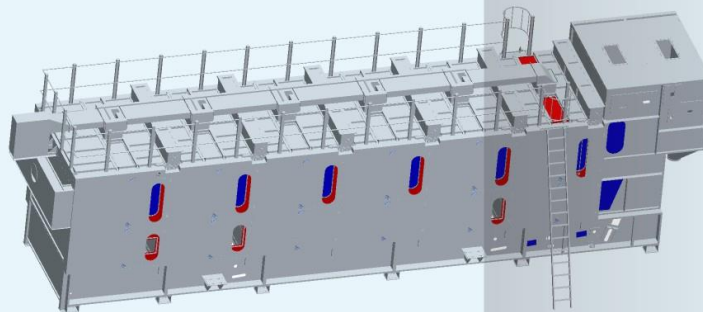
◉ 圆网烘干机
Rotary-screen
Dryer



新M7201高温高压气流染色机
High-temperature Air-flow
Dyeing Machine



◉ 打饼机
Cake Stamping



◉ 混棉机
Blending Machine



◉ 针织拉幅定型机
Knitting Stenter Machine

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Comprehensive network of services-guarantee of promise

多年来，公司凭借雄厚的实力、良好的信誉以及严格的质量管理、优质的售后服务，赢得了社会广大用户的一致认可。

Over The Years, the Company Has Won The Unanimous Recognition Of Broad Social Users With Its Strong Force, good Reputation, strict Quality Management, and Excellent After-sales Service.

优质服务——企业生存之血脉

HIGH QUALITY SERVICE IS THE IMPORTANT GUARANTEE OF ENTERPRISE SURVIVAL

