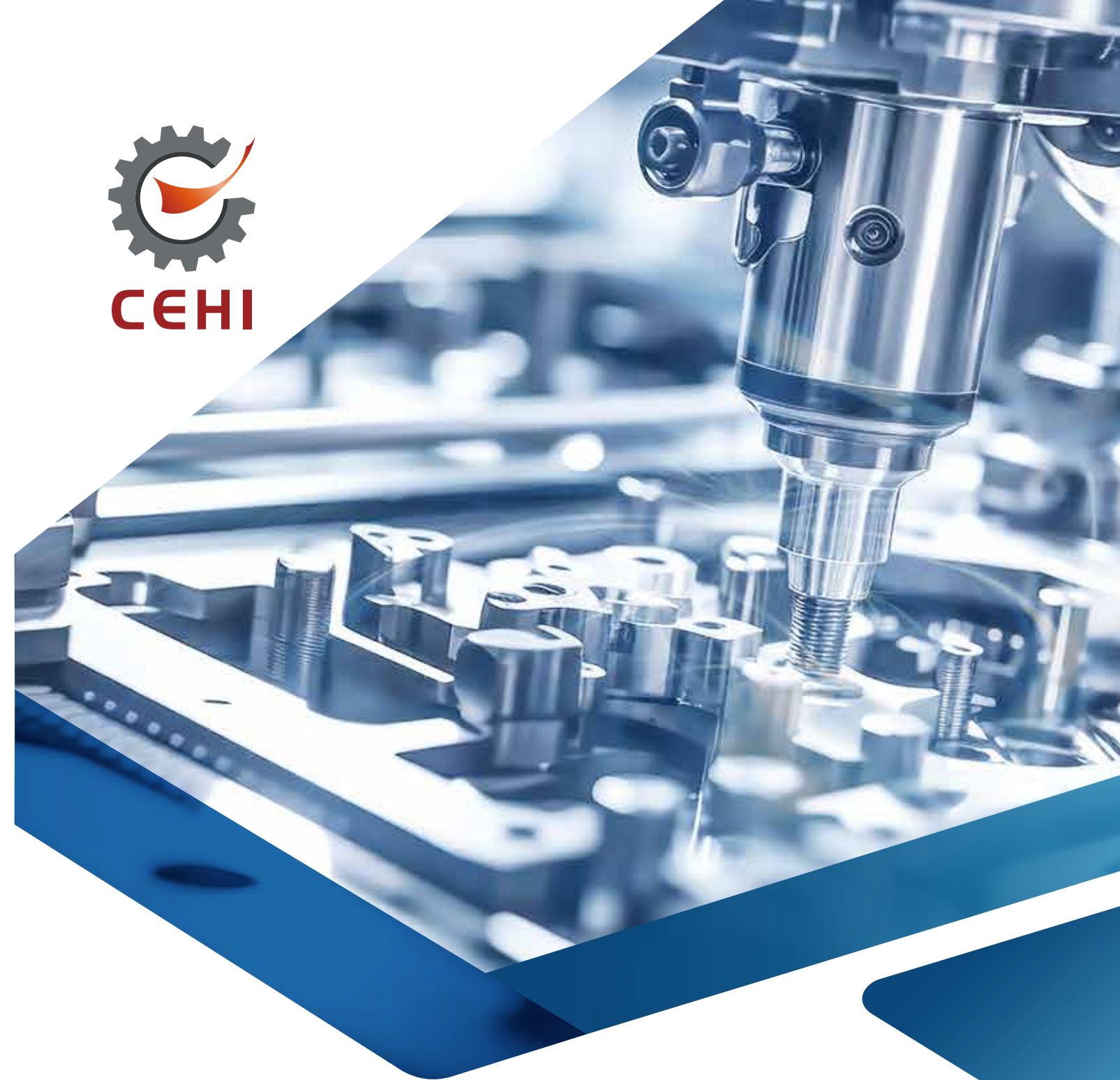




清洁能源领域高端装备制造商
High End Equipment Manufacturer In The Clean Energy Field



大连洁能重工股份有限公司

Dalian Clean Energy Heavy Industrial Co.,Ltd.

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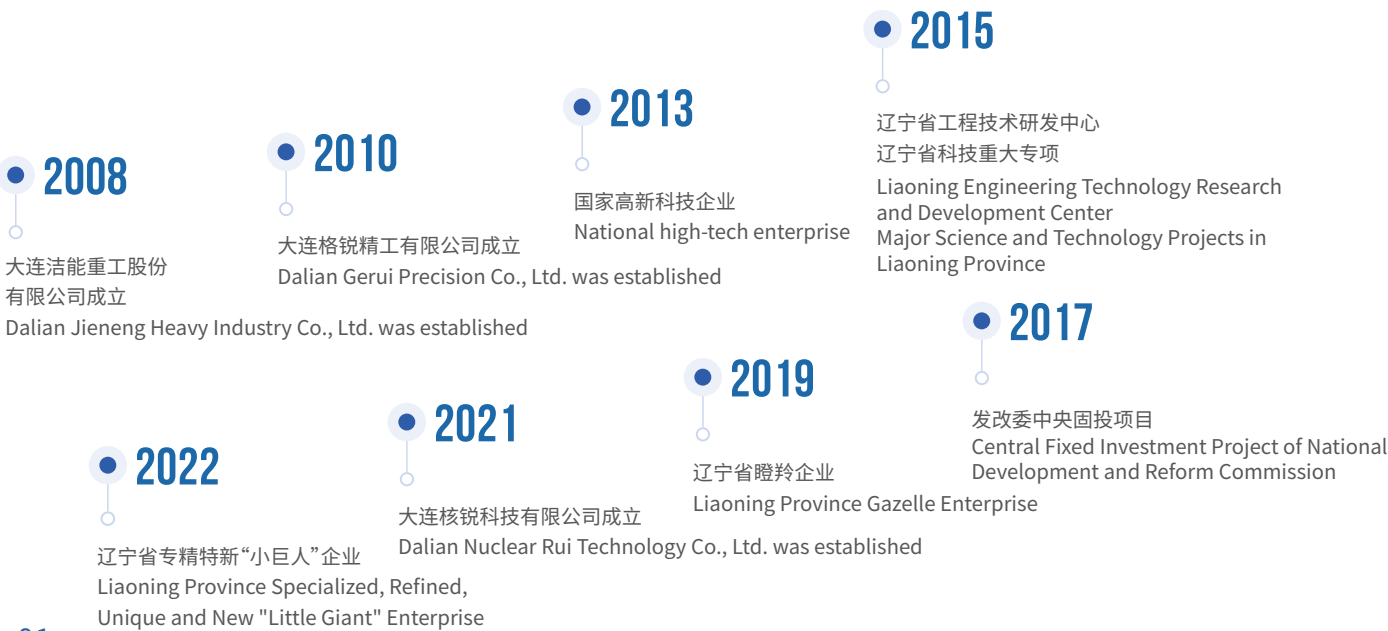
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公司简介 Company Introduction

大连洁能重工股份有限公司(以下简称“洁能股份”,股票代码:874230)成立于2008年6月,位于美丽的海滨城市大连。公司总占地面积63500平方米(含子公司),公司多年来致力于清洁能源领域精密机械零部件及装备的研发、生产及销售,主营产品及服务包括风电轴承产品、核电装备、铸造产品和其他加工产品。

Dalian Clean Energy Heavy Industry Co., Ltd. (hereinafter referred to as "CEHI")(Shares stock code: 874230) was established in June 2008, located in the beautiful coastal city of Dalian. The total area of CEHI is 63500 square meters (including subsidiaries), CEHI has been committed to the research and development, production, and sales of precision mechanical components and equipments in the clean energy field for many years. Its main products and services include wind power bearings, nuclear power equipment, casting products, and other processed products.



愿景 Vision

在清洁能源领域成为领先的高端装备制造制造商
Becoming a leading high-end equipment manufacturer in the field of clean energy

使命 Mission

持续创新,为社会奉献绿色清洁能源
Continuous innovation, contributing green and clean energy to society

核心价值观 Core values

诚信为本,做一流品质、一流技术、一流管理
Integrity-based, striving for first-class quality, first-class technology and first-class management

经营理念 Business philosophy

在国家政策、法规指导下,依靠科技进步、自主创新,为客户提供优质的产品和服务
Under the guidance of national policies and regulations, relying on technological progress and independent innovation, we provide customers with high-quality products and services



主要业务领域

Main Business Areas

“风电+核电”双轮驱动

"Wind power+nuclear power" dual wheel drive

大兆瓦风机主轴轴承保持架

Main shaft bearing cage of large MW wind turbine

公司作为国内主要的大型轴承保持架制造厂商，主轴轴承保持架产品可应用于4MW~20MW的风电机组。

As a major domestic manufacturer of large bearing cages, CEHI's spindle bearing cage products can be applied to 4MW~20MW wind turbines.



核电站机电一体化设备

Integrated electromechanical equipment for nuclear power plants

公司自2009年开始涉足核电装备领域，公司先后自主研发并实现重大能源装备设备的进口替代，填补了国内该技术领域的空白。

CEHI has been involved in the field of nuclear power equipment since 2009. CEHI has independently researched and developed and achieved import substitution of major energy equipment, filling the gap in this technology field in China.

水处理业务精密铸造

Precision Casting for Water Treatment Business

致力于清洁能源领域精密机械零部件及装备的研发、生产及销售

Dedicated to the research and development, production, and sales of precision mechanical components and Equipments in the clean energy field.



风电领域业务

Wind Power Field Business

轴承领域产品介绍

Bearing Fields Products And Services

公司在风电轴承部件领域深耕多年,与海内外各轴承企业达成了多项业务合作,包括:整体钢制保持架,焊接钢制保持架,球墨铸铁保持架,内外圈软车与硬钻,以及轴承各个部件的表面处理业务。

CEHI has been deeply involved in the field of wind power bearing components for many years, and has reached multiple business cooperation with bearing enterprises at home and abroad, including: integral steel cages, welded steel cages, ductile iron cages, inner and outer ring soft cars and hard drills, as well as surface treatment services for various bearing components.



机加工-整体钢制保持架
Machining - Integral Steel Retaining Frame



新型开发:球墨铸铁保持架
New Type: Ductile Iron Cage

其中球墨铸铁保持架是由公司自主研发,是工艺技术方面的重大创新,可替代现有铜质、钢质TRB保持架,有效解决环保和成本问题。产品具有更大的材料疲劳强度,可以匹配更大兆瓦的风机。

The ductile iron cage is independently developed by CEHI and is a significant innovation in process technology. It can replace existing copper and steel TRB cages, effectively solving environmental and cost issues. The products have greater material fatigue strength and can be matched with larger megawatts of wind turbines.



整体保持架
SoliSteelCage
(300mm-4000mm)



焊接保持架
Pin TypeSteelCage
(300mm-4000mm)



表面处理(发黑/磷化/清洗)
SurfaceBlackening/
Phosphating



内圈外钻孔
Ring Drilling(300mm-4000mm)



内外圈软车
Inner and Outer Circle Soft Car



穿销式保持架
Wearing Style Retainingframe



表面处理-发黑线
Surface treatment - black lines



表面处理-全自动磷化线
Surface treatment - fully automatic phosphating line

核电领域业务

Nuclear Power Business

核电产品模式为整体设备交付,服务内容包括自主研发,设计,制造,装配,检测以及售后服务。

The nuclear power products is integral equipment delivery, the service includes independent research and development, design, manufacturing, assembly, testing and after-sales service.



人员闸门传动系统
Personnel gate drive system



整体螺栓拉伸机
Integral bolt drawing machine



废滤芯更换转运单元
Filter replacement & transshipment unit



废滤芯专用实验平台
Specialized experimental platform for filters

铸造、机加工、焊接整体解决方案

Integrated Product Solutions for Casting, Machining & Welding

铸件 Casting Parts



耦合器涡轮
Coupling Turbine



不锈钢叶轮
Stainless Steel Impeller



不锈钢叶轮
Stainless Steel Impeller



耦合器导轮
Coupling Guide Wheel



不锈钢导流壳部件
Stainless Steel Guide
Shell

焊接件 Welding Parts



固定座
Fixing Plate Complete



导流环
Fixing Plate Complete



支架
Bracket



抽气管
Diffuser



泵座
Casing

铸造+机加+焊接产品

Casting & Machining & Welding Parts



焊接叶轮
Welded impeller



抽气筒
Casing



泵座
Discharge Head



化学品泵座
Discharge Casing



马达座
Motor Mount

企业资质

Enterprise Qualifications



ISO体系证书
ISO system certificate



船级社认证
Classification Society Certification



LR证书
LR certificate

焊接工艺规范
Welding Process Specification

压力设备认证
Pressure Equipment
Directive Certificate

研发能力 R&D Capability

企业自有研发中心，拥有专业的科技人员团队，其中本科及以上学历人员占科技人员总数60%以上，各级工程师50余人。已建立辽宁省博士后创新实践基地、辽宁省工程技术研究中心，为企业技术创新提供坚实基础。

The company has its own R&D center with a professional team of technical personnel, of whom over 60% hold bachelor's degrees or higher, including more than 50 engineers at various levels. It has established a Liaoning Provincial Postdoctoral Innovation Practice Base and a Liaoning Provincial Engineering Technology Research Center, providing a solid foundation for the company's technological innovation.

自主科技创新团队
Senior R&D team

50⁺

自主知识产权
Proprietary IPR

54项

发明专利
Invention Patent

18项

实用新型
Utility Model

30项

外观专利
Appearance Patent

3项

软件著作权
Software Copyright

3项





制造能力

Manufacturing Capability

主要车间 Main workshop	数量 Quantity	主要设备 Major equipment	数量 Quantity
机加工车间 Machining workshop	4	CNC数控立车 CNC vertical lathe	32
表面处理车间 Surface treatment workshop	1	CNC卧式加工中心 CNC horizontal machining center	18
铸造车间 Casting workshop	2	五轴加工中心 Five axis machining center	3
焊接车间 Welding workshop	1	发黑线 blankening	3
装配车间 Assembly workshop	1	磷化线 Phosphating line	1
		自动清洗线 Automatic cleaning line	1



质量保证

Quality Assurance



测长仪 4m
4-meter Horizon Granite



三坐标检测仪 5m*2.5m*2m
CMM:5m*2.5m*2m



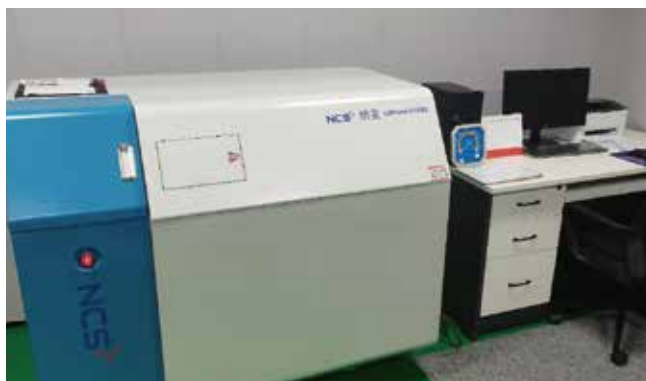
定氮仪
Nitrogen Determinator



碳硫分析仪
Carbon and Sulfur Determinator



强度测试仪
Strength Tester



光谱仪
Spectrograph



金相显微镜
Metallographic Microscope



硬度计
Durometer

企业荣誉 Corporate Honors

