

泰山集团泰安博奥国际贸易有限公司

TAISHAN GROUP TAIAN BOAO INTERNATIONAL TRADE CO., LTD.

中国山东省泰安市高新技术产业开发区北天门大街1169号

No. 1169, Beitianmen Street, High-tech Industrial Development Zone,

Tai'an City, Shandong Province, China

电话:0086-538-6619632

E-mail: boao@taishanboao.com

Http://www.coalbiomassboiler.com

www.taishanboao.com



泰山集团

TAISHAN GROUP

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TRADE CO., LTD.

泰安博奥国际贸易有限公司





高端能源装备板块
山东泰山锅炉有限公司
BOILER WORKSHOP



输变电装备板块
山东鲁能泰山电力设备公司
TRANSFORMER WORKSHOP



核电及高端化工装备板块
威海石岛重工有限公司
PRESSURE VESSEL WORKSHOP



泰山集团旗下子公司 Subsidiary Companies of Taishan Group

■ 高端能源装备板块 High-end Energy Equipment Sector

山东泰山锅炉有限公司 Shandong Taishan Boiler Co., Ltd.

泰山能源工程有限公司 Taishan Energy Engineering Co., Ltd.

山东亿能工程设计有限公司 Shandong Yineng Engineering Design Co., Ltd.

泰安华电热工有限公司 Tai'an Huadian Thermal Power Co., Ltd.

泰山燃控(泰安)有限公司 Taishan Fuel Control (Tai'an) Co., Ltd.

▶ 泰安博奥国际贸易有限公司 Taian Boao International Trade Co., Ltd.

泰安华能制冷有限公司 Taian Huaneng Refrigeration Co., Ltd.

新电网(山东)能源装备科技有限公司 New Grid (Shandong) Energy Equipment Technology Co., Ltd.

■ 输变电装备板块 Power Transmission and Distribution Equipment Sector

山东鲁能泰山电力设备有限公司 Shandong Luneng Mountai Electric Equipment Co., Ltd.

泰安泰山高压开关有限公司 Taian Taishan High Voltage Switchgear Co., Ltd.

山东泰安电工电器有限公司 Shandong Taishan Electrical Appliance Co., Ltd.

泰安华能绝缘材料有限公司 Taian Huaneng Insulation Material Co., Ltd.

山东鲁能电缆有限公司 Shandong Luneng Cable Co., Ltd.

山东曜德电气有限公司 Shandong Yao De Electric Co., Ltd.

泰安伏立特电气科技有限公司 Taian Volit Electric Technology Co., Ltd.

山东鲁能泰山电力设备干变分公司 Shandong Luneng Taishan Power Equipment Dry-type Power Transformer Branch Co.

■ 核电及高端化工装备板块 Nuclear Power and High-end Chemical Equipment Sector

威海石岛重工有限公司 Weihai Shidao Heavy Industry Co., Ltd.

威海石岛重工工程技术有限公司 Weihai Shidao Heavy Industry Engineering Technology Co., Ltd.

威海石岛重工南京分公司 Weihai Shidao Heavy Industry Nanjing Branch Co.



企业简介 Corporation Introduction..... 1

锅炉产品 Boiler Products

DZL系列水管蒸汽、热水锅炉 DZL Water and Fire Tube Steam & Hot Water Boiler.....	3
SZL系列水管蒸汽、热水锅炉 SZL Water Tube Steam & Hot Water Boiler.....	3
WNS、TG系列全自动燃油燃气锅炉 WNS、TG Automatic Oil & Gas-fired Boiler.....	4
SZS系列全自动燃油、燃气锅炉 SZS Automatic Oil & Gas-fired Boiler.....	4
SHL、DHL散装锅炉 SHL、DHL Bulk Boiler.....	5
煤粉锅炉 Pulverized Coal Fired Boiler.....	5
余热锅炉 Waste Heat Recovery Boiler.....	5
生物质锅炉 Biomass Boiler.....	6
循环流化床蒸汽热水锅炉 Circulation Fluidized Bed Steam & Hot Water Boiler.....	7
有机热载体锅炉 Organic Thermal Carrier Boiler.....	7
锅炉辅机设备 Boiler Accessory Equipments.....	8

压力容器 Pressure Vessel..... 11

核电、航空设备 Nuclear power, aviation equipment.....	11
反应容器 Reactors.....	12
分离容器 Separation Vessel.....	12
换热器 Heat Exchanger.....	13
存储容器 Storage Tank.....	14

变电设备 Substation Equipment..... 15

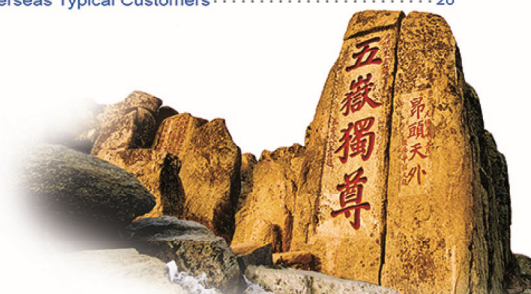
变压器设备 Transformer.....	15
GIS组合电器 GIS combinator.....	17

材料 Materials..... 18

钢管 Steel Tube.....	18
锅炉管 Boiler Tube.....	18
钢板 Steel Plate.....	18
锅炉板、碳钢板 Boiler plate and carbon steel plate.....	18
合金钢板、爆炸复合板、热轧复合板、翅片管.....	18
Alloy steel, Explosive clad plate, Hot-rolled clad plate, Fin tube.....	

EPC工程总承包服务 EPC Engineering General Contracting Services..... 19

国外典型用户 Overseas Typical Customers..... 20



CORPORATION INTRODUCTION 泰山集团

泰山集团总占地面积 2000000 多平方米, 员工 4000 余人, 主营业务收入 65 亿元, 集团产品主要分为三大板块: 高端能源装备、输变电、核电配套及压力容器板块。目前, 锅炉公司拥有 A 级锅炉制造许可证, 1 级锅炉安装许可证, 并通过了 ISO9001 质量管理体系认证和美国 ASMEs 认证, 已形成年产锅炉 650 台 /8500 蒸吨的生产能力; 压力容器公司拥有 A1、A2、A3 级压力容器设计、制造许可证, 并通过 ISO9001 认证和美国 ASME U 和 U2 钢印认证。

泰山集团股份有限公司一直致力于高效、节能、环保产品的研发与制造, 产品一直畅销不衰。主要产品有: 工业锅炉、电站锅炉、压力容器、变压器、高压开关等。

1、锅炉产品: 循环流化床电站锅炉 20t/h-670t/h; 燃煤链条炉排蒸汽锅炉 1t/h-75t/h; QXL 系列燃煤热水锅炉容量为 29MW-116MW; 燃油、燃气锅炉容量为 1t/h-200t/h; 以及煤粉锅炉、余热锅炉、生物质工业电站锅炉、有机热载体锅炉。

2、压力容器产品: A1 级高压容器; A2 级第三类低、中压容器; A3 级球形储罐容器。

3、变压器产品: 10KV, 35KV, 110KV, 220KV, 500KV, 750KV 六个电压等级, 容量 30KVA-36 万 KVA。

4、高压开关设备产品: GIS/HGIS、智能化移动变电站、高压六氟化硫断路器。

泰山集团股份有限公司是中国工业锅炉协会副理事长单位、全国 500 家最大机械工业企业、全国 500 家最佳经济效益工业企业、全国 500 家重合同守信用企业、中国大企业综合竞争力 500 强企业、自主创新能力行业十强企业、全国 AAA 级信誉企业。企业有多种产品填补国内空白, “泰山牌”商标荣获中国驰名商标、“国家级新产品”、“中国十大畅销名牌锅炉”、“全国消费者信得过产品”、“国家优秀节能产品”等荣誉称号。

Taishan Group covers a total area of more than 2,000,000 square meters, has more than 4,000 employees, and has a main business income of 6.5 billion yuan. The group's products are mainly divided into three major sectors: high-end energy equipment, power transmission and transformation, nuclear power supporting and pressure vessel sectors. At present, the boiler company holds a Class A boiler manufacturing license, a Class 1 boiler installation license, and has passed the ISO9001 quality management system certification and the US ASMEs certification, and has formed an annual production capacity of 650 boilers/8,500 tons of steam. The pressure vessel company has A1, A2, A3 class pressure vessel design and manufacturing licenses, and has passed the ISO9001 certification and the US ASME U and U2 stamp certification.

Taishan Group Co., Ltd. has been committed to the research and development and manufacturing of high-efficiency, energy-saving and environmentally friendly products, and its products have always been popular. The main products are: industrial boilers, power station boilers, pressure vessels, transformers, high-voltage switches, etc.

1. Boiler products: CFB power plant boiler of 20th-670th; Coal fired chain grate steam boiler of 1th-75th; QXL coal fired hot water boiler of 29MW-116MW; Oil and gas fired boiler of 1th-200th and Pulverized coal boilers, Waste heat boilers and Biomass industrial Power plant boilers and Organic heat carrier boiler.

2. Pressure vessel products: A1 grade high pressure vessel; A2 grade low and medium pressure vessel; A3 grade spherical tank.

3. Transformer products: 10KV, 35KV, 110KV, 220KV, 500KV, 750KV six voltage grades, with capacity of 30KVA-36x10 4KVA.

4. High-voltage Switchgear products: GIS/HGIS, Intelligent Mobile Substation, High Voltage SF6 Circuit Breakers.

Taishan Group is the Vice Chairman of the Industrial Boiler Trade Association (IBTA) of China. It is awarded as the "500 Largest Machinery industrial Enterprises", "500 Most Profitable Industrial Enterprises", "500 Contract-binding and Trustworthy Enterprises", "Top 500 Enterprises in Terms of Comprehensive Competitiveness", and it enjoys the "AAA Class Credit Standing" of China and "Top 10 Enterprises in Terms of Independent Innovation Ability in the Boiler industry". Many products have filled the gap of China. They are awarded as "China Famous Brand", "National New Products", "10 Most Popular Famous Brand Boilers of China", "National Energy-saving Products of China".



TAISHAN GROUP TAIAN BOAO INTERNATIONAL TRADE CO., LTD 泰山集团泰安博奥国际贸易有限公司

泰山集团泰安博奥国际贸易有限公司是泰山集团股份有限公司全资子公司, 拥有综合进出口权, 负责泰山集团的国际业务, 其主要职能如下:

- 1、负责泰山集团的产品出口业务, 包括海外销售、安装及售后服务。
- 2、负责泰山集团原材料、配套产品的进口。
- 3、负责泰山集团海外技术交流及合作。
- 4、负责泰山集团海外投资、合资业务。

泰山集团泰安博奥国际贸易有限公司目前出口产品销往美国、韩国、法国、新西兰、巴西、印度尼西亚、泰国、越南、柬埔寨、巴基斯坦、孟加拉国、埃及、卡塔尔、苏丹、波兰、墨西哥、沙特阿拉伯等国家地区。公司同时开展了为国内的客户代理出口、代理报检、订舱业务。

泰山集团泰安博奥国际贸易有限公司欢迎国内外客户前来洽谈, 共同开拓国际市场。

Taishan Group Taian Boao International Trade Co., Ltd. is a wholly owned subsidiary company of Taishan Group. It has comprehensive import and export rights and takes charge of Taishan Group's international business.

Its main functions are as follows:

1. Responsible for Taishan Group's export business, including overseas sales, installation and after sale service.
2. Responsible for Taishan Group's import business, including raw materials, accessory products, etc.
3. Responsible for Taishan Group's overseas technical communication and cooperation
4. Responsible for Taishan Group's overseas investment and joint venture.

Taishan Group Taian Boao international Trade Co., Ltd. exports products to American, South Korea, France, New Zealand, Brazil, Indonesia, Thailand, Vietnam, Kampuchea, Pakistan, Bangladesh, Egypt, Qatar, Sultan, Poland, Mexico, Saudi Arabia etc.

Welcome domestic & overseas customers to negotiate with us and co-develop the international market.



纽芬兰技术合作 Noviter Finland



美国CB集团技术合作 USA CB GROUP



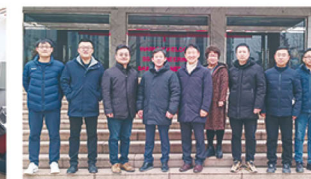
捷克TTS技术合作 TTS GROUP



蒙古客户来访 Mongolia Customer



俄罗斯客户来访 Russia Customer



韩国客户来访 Korean Customer



燃煤锅炉 Coal-fired Boiler

DZL 系列水火管蒸汽、热水锅炉

DZL WATER TUBE AND FIRE TUBE STEAM & HOT WATER BOILER

	蒸汽锅炉 Steam boiler	热水锅炉 Hot water boiler
功率范围 Capacity range	1t/h-100t/h	0.7MW-64MW
压力范围 Pressure range	0.7, 1.0, 1.25, 1.6MPa	
燃料种类 Fuel type	烟煤、无烟煤 soft coal and anthracite coal	
出厂方式 Exworks type	<6t/h 快装 package, 6t/h-20t/h 组裝 assembled; >20t/h 散裝 bulk	

锅炉特点 Boiler character

受热面大，热效率高，鳞片式炉排，避免漏煤；燃烧充分，烟尘排放少；采用螺纹烟管，不积灰；单锅筒设计，体积小，安装周期短；变频控制，PLC 和 DCS 自动控制。

Big heating surface, high heat efficiency and squama type chain grate, less coal leak, sufficient burning and less smoke and dust emission, threaded smoke tube avoids ash deposit, single boiler drum and small volume, easy installation, frequency control, PLC & DCS auto-control.

锅炉特点 Boiler character

受热面大，热效率高，鳞片式炉排，避免漏煤；单独风室，单独调风，燃烧充分稳定，采用烟尘分离器降低烟尘排放；变频控制，PLC 和 DCS 自动控制。

Big heat surface, high heat efficiency and the squama type chain grate, less coal leak, respective air chamber and separated adjustment, sufficient and steady burning, outlet dust separator device reduce flue gas drain, frequency control, PLC & DCS auto-control.



燃煤锅炉 Coal-fired Boiler

SZL 系列

水管蒸汽、热水锅炉

SZL WATER TUBE STEAM & HOT WATER BOILER

	蒸汽锅炉 Steam boiler	热水锅炉 Hot water boiler
功率范围 Capacity range	2t/h-35t/h	1.4MW-14MW
压力范围 Pressure range	0.7, 1.0, 1.25, 1.6, 2.5MPa	
煤种 Coal type	烟煤 Soft coal	
出厂方式 Exworks type	SZL: 2t/h-8t/h 快装 Package SZL: 6t/h-20t/h 组裝 Assembled	

WNS、TG 系列

全自动燃油、燃气锅炉

WNS, TG AUTOMATIC OIL & GAS-FIRED BOILER

	蒸汽锅炉 Steam boiler	热水锅炉 Hot-water boiler
功率范围 Capacity range	1t/h-420t/h	0.7MW-116MW
压力范围 Pressure range	0.7-9.8MPa	
燃料种类 Fuel type	轻柴油，重油，天然气，城市煤气 Diesel, heavy oil, natural gas, coal gas	
燃烧器品牌 Burner brand	利雅路，威索，E 科，赛威特，奥林 Riello, Weishaupt, Elco, Magnate, Oilon	

锅炉特点 Boiler character

WNS: 采用波纹炉胆，螺纹烟管，高效节能；卧式三回程，湿背式结构，全自动控制。

TG 系列：立式布置，膜式水冷壁结构，安装期短，清洁燃烧，燃烧器品牌可根据用户要求。

WNS: Use ripple furnace and screw thread smoke tube, high heat efficiency, horizontal three-pass and wet back structure, automatic control system.

TG: Vertical arrangement, membrane wall construction, easy installation and clean burning.

The burner brand can be chosen by user's requirement.

SZS 系列全自动燃油、燃气锅炉

SZS AUTOMATIC OIL & GAS-FIRED BOILER

	蒸汽锅炉 Steam boiler	热水锅炉 Hot water boiler
功率范围 Capacity range	4t/h-75t/h	4.2MW-70MW
压力范围 Pressure range	1.0, 1.25, 1.6MPa	
燃料种类 Fuel type	轻柴油，重油，天然气，城市煤气 Diesel, heavy oil, natural gas, coal gas	



WNS14MW 燃气热水锅炉
WNS 14MW Gas Fired Hot Water Boiler



东方华龙75吨燃气锅炉 75 Ton Gas Fired Boiler

锅炉特点 Boiler character

锅炉采用D型布置，双锅筒水管，自然循环。锅筒纵向布置，全膜式水冷壁结构，微正压燃烧。炉膛由膜式壁包裹而成，烟气从炉膛出口进入上、下锅筒之间连接的对流管束，然后进入尾部受热面—钢制螺旋翅片省煤器。

Use D-type arrangement, natural recycling, double-drum water tube boiler. Longitudinal drum, Full membrane wall structure, Slightly positive pressure combustion. Furnace is wrapped by membrane wall, flue gas enter the convection tube between the upper and lower drum from furnace outlet, then enter the tail heating surface-- steel spiral fin tube economizer.

SHL、DHL 散装锅炉

SHL、DHL BULK BOILER

	SHL BOILER		DHL BOILER	
	蒸汽锅炉 Steam boiler	热水锅炉 Hot water boiler	蒸汽锅炉 Steam boiler	OXL 热水锅炉 Hot water boiler
功率范围 Capacity range	10t/h-75t/h	7MW-64MW	10t/h-25t/h	7MW-116MW
压力范围 Pressure range	1.25-9.8MPa	1.25 1.8MPa	1.25-9.8MPa	1.25 1.8MPa
煤种 Coal type	烟煤 Soft coal			
出厂方式 Exports type	散装 Bulk			

锅炉特点 Boiler character

锅炉热效率高，燃料消耗量低，运行经济性好；安全性高，炉膛内布置屏式受热面，炉膛受热均匀，改善炉膛内温度场，保证锅炉安全运行，环保效果好。采用多级除尘合理设计，降低排尘浓度，有效消除黑烟，林格曼黑度小于1。

High efficiency, low fuel consumption; low operating costs, High safety level, panel-type heating surface in the furnace, furnace heated evenly. Improve the furnace temperature field to ensure safe operation, Good environmental protection effect, use multi-level dust removal, reduce exhaust gas concentration, Ringelmann blackness is less than 1.



OXL70MW 热水锅炉 70MW Hot Water Boiler

高效工业煤粉锅炉

EFFICIENT INDUSTRIAL PULVERIZED COAL BOILER

	蒸汽锅炉 Steam boiler	热水锅炉 Hot-water boiler
功率范围 Capacity range	6t/h-75t/h	14MW-42MW
压力范围 Pressure range	1.25, 1.6 MPa	

煤粉锅炉特点 Boiler character

高效节能：煤粉燃烧充分，锅炉换热效果好，空气过剩系数小，系统热效率高。

Energy efficient: full combustion, good heat exchange effect, small excess air ratio, high thermal efficiency.



高效工业煤粉锅炉 Efficient industrial pulverized coal boiler

余热锅炉

WASTE HEAT RECOVERY BOILER

功率范围：2T-220T，可根据用户要求设计制造锅炉类型：炼油、硫酸、化肥、合成氨、建材、水泥、玻璃、冶炼、焦化厂干熄焦、钢厂转炉、烧结机、燃气轮机、海绵铁、垃圾焚烧余热等。

Capacity range: 2T-220T, Design and manufacture accord to user requirements.

Boiler type: oil refining, sulfuric acid, chemical fertilizer, synthetic ammonia, building material, cement, glass, smelt, coke plant dry quenching steel converter, sintering machine, sponge iron, waste incineration, etc.

锅炉密闭性好，抗磨损能力强，锅炉热效率高，运行安全，能长期运行，维修方便。

The boiler has good airtightness, strong wear resistance, high thermal efficiency, safe operation, long-term operation and easy maintenance.



余热锅炉 Waste Heat Recovery Boiler

生物质锅炉

BIOMASS BOILER

	蒸汽锅炉 Steam boiler	热水锅炉 Hot-water boiler
功率范围 Capacity range	1t/h-75t/h	0.7MW-64MW
压力范围 Pressure range	0.7, 1.0, 1.25, 1.6, 2.5, 4.0MPa	
燃料种类 Fuel type	木屑、甘蔗渣、棕榈壳、稻米壳、秸秆 woodchips, bagasse, palm husk, rice husk, straw	
用途 Use	工业用汽、发电 Use for industrial steam and power plant	

往复炉排生物质锅炉特点

Reciprocating Grate Biomass Boiler Character

炉排采用全自动控制的液压系统，实现燃料在炉排上前后拨动和翻滚的动态燃烧，各燃烧段配置合理的送风配比和炉排运动速度，消除配风死角，燃烧效率高，并可以防止局部积灰、结焦。

The grate adopts a fully automatic hydraulic system to achieve dynamic combustion of the fuel by moving back and forth and rolling on the grate. Each combustion section is equipped with a reasonable air supply ratio and grate movement speed to eliminate air supply dead corners, high combustion efficiency, and prevent local ash accumulation and coking.

循环流化床生物质锅炉特点

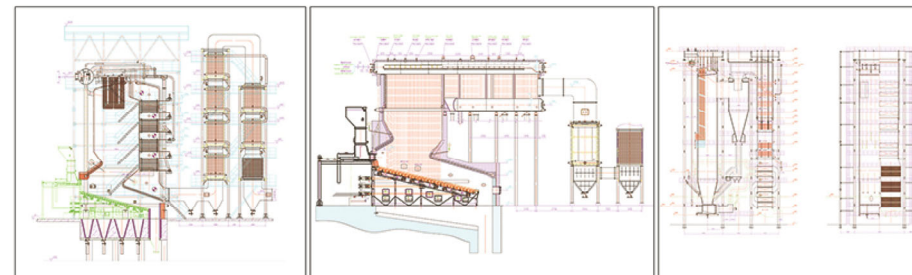
Circulating Fluidized Bed Biomass Boiler Character

高温旋风分离燃烧，更清洁高效；受热面布置形式独特，锅炉抗腐性能增强，更安全、可靠；燃料适用性广，既能全烧秸秆又能与煤混烧，更经济、灵活。

High temperature cyclone separation combustion, more cleaner and more effective; unique arrangement of heating surfaces, enhanced corrosion resistance, more safe and reliable;

Fuel wide applicability, it can full burn straw and also mix burning with coal, more economical and flexible.

生物质锅炉形式 Boiler type



①立式往复炉排 Vertical reciprocating grate

②卧式往复炉排 Horizontal reciprocating grate

③CFB生物质锅炉 Circulating fluidized bed

泰国DHW38T往复炉排棕榈纤维锅炉
DHW 38T Reciprocating Grate Palm Fibre Boiler国能泊头36吨生物质锅炉
36 T Reciprocating Grate Biomass Boiler济南明科75吨生物质锅炉
75 T Circulating Fluidized Bed Biomass Boiler

循环流化床电站锅炉及热水锅炉

CIRCULATION FLUIDIZED BED POWER PLANT & HOT WATER BOILER

	蒸汽锅炉 Steam boiler	热水锅炉 Hot water boiler
功率范围 Capacity range	20t/h—670t/h	14MW—116MW
压力范围 Pressure range	3.82、5.29、9.8MPa	1.25—1.6MPa
蒸汽温度 Steam temperature	450℃ 480℃ 540℃	
燃料种类 Fuel type	烟煤、无烟煤、贫煤、褐煤、煤矸石、煤泥、石油焦、生物质（木屑、甘蔗渣、秸秆、棕榈壳、稻米壳等）。 soft coal, anthracite coal, lean coal, lignite, gangue, sludge, petroleum coke, woodchip, biomass (woodchips, bagasse, straw, palm husk, rice husk) etc.	

锅炉特点 Boiler character

高效节能，锅炉热效率可达 87—92%；适应多种燃料；可在 30%—110% 负荷运行；燃烧温度低抑制 NO_x 生成，炉内脱硫效果好，DCS 自动控制。



High efficiency and energy saving, boiler heat efficiency reach to 87%-92%; Suit many kinds of fuel; adjust load range with in 30%-110%; low burning temperature control NO_x and good desulfurizing in furnace, DCS automatic control.

有机热载体锅炉
(导热油炉, 熔盐炉)ORGANIC THERMAL CARRIER BOILER
(HEAT OIL BOILER, MOLTEN HEAT TRANSFER SALT BOILER)

	燃煤锅炉 Coal-fired boiler	燃油气锅炉 Oil & Gas-fired boiler
功率范围 Capacity range	0.12MW—24MW	0.24MW—7MW
压力范围 Pressure range	0.4MPa、0.6MPa、0.7MPa、0.8MPa	
额定供油温度 Feeding oil temperature	270℃ 300℃ 450℃	
燃料种类 Fuel type	烟煤、轻柴油、重油、天然气、城市煤气 soft coal, diesel, heavy oil, natural gas, city gas	

锅炉特点 Boiler character

高效节能，载体工作温度可达 350 度，闭路循环，热损失少，运行成本低；先进的自动控制和监测装置。

High efficiency and energy saving, carrier working temperature can reach to 350 degree; closed-circuit circulation and less heat losing and low running cost, advanced automatic control and safety monitoring device.



燃煤导热油炉 Coal-fired thermal oil boiler



往复炉排导热油炉 Reciprocating grate thermal oil boiler

锅炉辅机设备

BOILER ACCESSORY EQUIPMENTS

1. 除渣机：刮板出渣机、螺旋出渣机、联合除渣机，重型矿链除渣机。
2. 上煤机：龙门式上煤机、埋刮板上煤机。
3. 省煤器：配套 1—20 T/h S 型、D 型锅炉省煤器。
4. 空气预热器：220 T/h 以下锅炉配套空气预热器。
5. 除氧器：XMC 旋膜除氧器、热力喷雾式除氧器，常温过滤式除氧器。
6. 除尘器：多管除尘器、陶瓷除尘器、水膜脱硫除尘器、静电除尘器 (ESP)、布袋除尘器。
7. 脱硫塔。
8. 水处理：锅炉配套全自动水处理系统、Na+ 交换器、30—120T/H 反渗透水处理设备。
9. DCS 控制系统，变频控制系统，锅炉控制系统，低压开关柜。
10. 换热器：管式、板式、双螺旋管式、换热机组。
11. 水泵：给水泵、蒸汽泵。
12. 鼓、引风机。
13. 减速机。

1. Slag remover: scraper type, screw type, united slag remover, heavy chain slag remover.
2. Coal feeder: vertical lift type, scraper type.
3. Economizer: equipped with 1~20 T/h S type, D type boiler economizer.
4. Air preheater: boiler air preheater below 220 T/h.
5. Deaerator: XMC Circulating membrane type, hot spray type, normal temperature filtering type.
6. Dust collector: multi-tube type, ceramic type, water membrane type, static type (ESP), Bag Dust catcher.
7. Desulfurization tower.
8. Water treatment: auto. Type, Na+ exchanger type, 30-120 RO system.
9. DCS control system, inverter control system, boiler control system, and low-voltage switch box.
10. Heat exchanger: tube and plate, double-threaded tube type, heat exchanging unit.
11. Pump: feed water pump, steam pump.
12. FD & ID fans.
13. Gear box.



除氧器 Deaerator



风机 Fan

埋刮板上煤机
Scraper Coal Feeder水平刮板出渣机
Level Scraper Slag Remover陶瓷多管除尘器
Multi-Tube Dust Collector水膜除尘器
Water Membrane Dust Collector

脱硫塔 Desulfurization tower



布袋除尘器 Bag filter



反渗透 RO System



省煤器 Economizer

全自动水处理
Auto Water Treatment水泵
Water Pump

自动化控制系统 Automatic control system

EPC工程总承包服务

泰山集团所属山东亿能工程设计有限公司是从事节能、环保、热能工程、发电工程等业务的工程公司，在电站设计、余热利用、余热发电行业具有丰富的工程设计经验。

泰山集团所属各公司将强强联合，优势互补，为客户提供优质的工程咨询、工程设计、工程总承包服务。

1、工程咨询：提供锅炉工程咨询、化工工程咨询、电力工程咨询、余热利用及发电工程咨询服务。

2、工程设计：提供电站锅炉设计、工业锅炉设计、锅炉房设计、发电机组设计、余热发电设计、工业自备热电厂设计、供热热水锅炉设计、城市供热管网、热电联产工程改造设计、电力工程设计、变电站设计、环保工程设计等服务。

3、EPC工程总承包

①电站EPC总承包：提供3MW、6MW、12MW、15MW、20MW、25MW、50MW电站EPC总承包服务。

②锅炉岛EPC总承包：针对有些客户自行采购欧洲或美国汽轮机、发电机的情况，我集团提供锅炉岛的EPC总包服务，提供全套锅炉设备和辅机设备及安装。包括锅炉岛设计、土建工程、锅炉主机、联合上煤、风机、除尘、除渣、水处理、电控等全套设备及安装、调试、试运行、验收服务。

③余热发回收、余热发电EPC总包：提供钢厂余热发电、高炉余热回收、焦炉余热回收及发电EPC总包服务。

④供热水锅炉项目EPC总包：包括供热项目设计、锅炉及辅机设备采购、锅炉安装、供热管网安装、土建工程等。



EPC ENGINEERING GENERAL CONTRACTING SERVICES

Shandong Yineng Engineering Design Co., Ltd. is one of Taishan Group's subsidiary company, which is engaged in energy-saving, environmental protection, energy engineering, power engineering project, and has the rich experience of engineering design in the design of power plant, using waste heat, waste heat power generation industry. Every subsidiary company of Taishan Group will carry out powerful combination, complementary advantages, to provide customers with high-quality engineering consulting, engineering design, and engineering general contracting services.

1, Engineering Consulting: providing boilers engineering consulting, chemical engineering consulting, electrical engineering consulting, waste heat recovery and power generation engineering consulting services.

2, Engineering Design: Providing Power station boiler design, industrial boiler design, boiler room design, generator unit design, cogeneration design, industrial owned power plant design, heating hot water boiler design, urban heating network, cogeneration engineered design, electrical engineering design, substation design, environmental engineering and other services.

3. EPC Engineering General Contract

① Power Plant EPC Contract: to provide 3MW, 6MW, 12MW, 15MW, 20MW, 25MW, 50MW power plant EPC contract services.

②Boiler Island EPC General Contract: Some customers have their own procurement of turbines and generators from Europe or the United States, In view of this situation, our group provide boiler island EPC general contract service, and provide the full set of boiler equipments and auxiliary equipments and installation. Including the boiler island design, civil engineering, boiler main body, Combined with coal machine, fans, dust, slag, water treatment, electronic control etc, and installation, testing, commissioning, acceptance services.

③Waste Heat Recovery, Waste Heat Power Generation EPC General Contract: Providing steel plant waste heat power generation, Blast furnace waste heat recovery, coke oven waste heat recovery and power generation EPC general contract services.

④Heating Hot Water Boiler Project EPC General Contract: including project design, boilers and auxiliary equipment procurement, boiler installation, heating pipe network installation, civil engineering etc.



泰国酿酒厂 2x30 吨棕榈壳锅炉
Two 30T fired Palm Shell Boilers in Thailand



越南赛轮 75 吨燃煤循环流化床锅炉
75T Coal-fired Circulating Fluidized Bed Boiler in Vietnam

国外典型用户

OVERSEAS TYPICAL CUSTOMER



出口巴基斯坦DZL锅炉现场 (DZL10-1.25-AII)
DZL Boiler Exporting to Pakistan (DZL10-1.25-AII)



出口越南循环流化床锅炉现场 (TG-170/5.3-M)
CFB Boiler Exporting to Vietnam (TG170/5.3-M CFB)



国能泊头36吨生物质锅炉
36T Reciprocating Grate Biomass Boiler



出口安哥拉国家石油公司11台液化石油气子弹罐
11 LPG Bullet Tanks Exporting to Angola's National Oil Company



意大利达涅利换热器项目
Italy Danieli Heat Exchanger Project



印尼镍铁项目 (220kV)
Indonesia Nickel Iron Project (220kV)



出口赞比亚卡里巴 (KARIBA) SFP-60MVA-330KV
Transformer SFP-60MVA-330KV exporting to Zambia