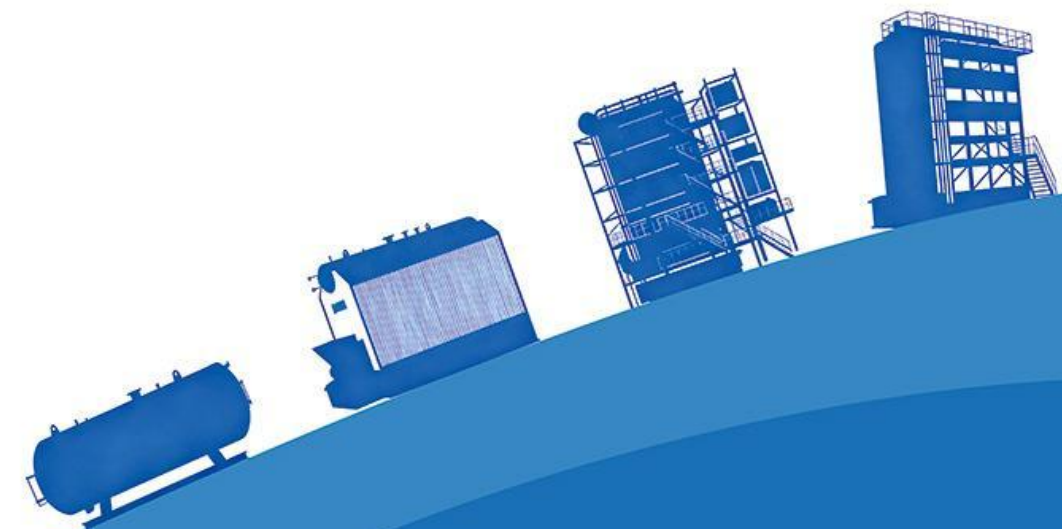




XINLI BOILER

新力锅炉

和客户共生，与客户共赢
Coexist with customers and achieve win-win cooperation with them



新力总部/XINLI GROUP-HEADQUARTERS



电话/Mobile: 0371-22969166
网址/Web: <https://kfxlgl.com> <https://www.xinliboiler.com>
地址: 开封市开发区民营工业园区民和路11号
Add: No.11 Minhe Road, Private Industrial Park, Development Zone, Kaifeng City

国外办事处/OVERSEAS OFFICE



开封新力锅炉设备有限公司
KAIFENG XINLI BOILER EQUIPMENT CO., LTD.



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和客户共生，与客户共赢

致力于为客户提供最具价值的
锅炉设备及服务

SYMBIOTIC AND WIN-WIN WITH CUSTOMERS
Committed to providing customers with the most valuable boiler
equipment and services





新力锅炉
XINLI BOILER

开封新力锅炉设备有限公司是国家A级锅炉及锅炉辅机的重点骨干企业，并具有国家质量技术监督局颁发的锅炉安装、改造、维修许可证，是中小型循环流化床锅炉研发制造基地。新力锅炉致力于热能领域，坚持不懈地研发新型电站锅炉和工业锅炉（流化床锅炉，燃油气锅炉，燃煤/生物质链条锅炉，和有机热载体炉等），是一家集锅炉设计、制造、运输、安装、维修、服务与一体的锅炉制造型企业。公司产品涵盖：循环流化床锅炉、燃煤锅炉、燃生物质锅炉、燃油气锅炉、余热锅炉和导热油炉等。

Kaifeng Xinli Boiler Equipment Co., Ltd. is a recognized boiler manufacturer in China, holding Class A qualifications for boilers and boiler auxiliaries, as well as official licenses for boiler installation, modification, and maintenance. The company is a specialized R&D and manufacturing base for small and medium-sized circulating fluidized bed (CFB) boilers.

Focused on the thermal energy sector, Xinli Boiler develops and manufactures a wide range of power station and industrial boilers, including CFB boilers, coal- and biomass-fired boilers, oil and gas-fired boilers, waste heat recovery boilers, and thermal oil heaters. It is a boiler manufacturing enterprise that integrates boiler design, manufacturing, transportation, installation, maintenance, and service. The company's products include circulating fluidized bed boilers, coal-fired boilers, biomass fired boilers, oil fired gas boilers, waste heat boilers, and thermal oil boilers.

新力锅炉

XINLI BOILER

精工制造

ADVANCED MANUFACTURING

开封新力锅炉设备有限公司座落于八朝古都开封,交通便利。公司占地面积2W余平方米。拥有自动卷板机,大型弯管机,数控纵环缝焊机,数控激光切割机,钻孔机,进口无损探伤机等生产、检测设备200余台。此外,自2019年起,公司推动工业锅炉生产线向智能化方向升级,将更科学的计算机辅助设计系统用于产品开发,并结合现代化的生产设备、协同化的技术团队、规范化的质量体系和精细化的服务体系,对下料、装配、检测、运输等环节进行自动化和信息化优化,进一步提升制造过程的规范性、稳定性与运行效率,为产品稳定生产和项目交付提供可靠保障。

Kaifeng Xinli Boiler Equipment Co., Ltd. is located in Kaifeng with convenient transportation access and covers an area of over 20,000 square meters. The company operates more than 200 sets of advanced manufacturing and inspection equipment, supporting efficient and standardized production. Since 2019, Xinli Boiler has promoted the intelligent upgrading of its industrial boiler production lines, integrating computer-aided design systems with modern manufacturing equipment, standardized quality management, and digitalized production processes. This enhances manufacturing consistency, operational stability, and delivery efficiency, ensuring reliable product quality and project execution.

数控激光切割设备
CNC LASER CUTTING EQUIPMENT



探伤室
TESTING ROOM



全自动锅筒钻设备
AUTOMATIC BOILER DRUM
DRILLING MACHINE



折弯机设备
ROLLING MACHINE



全自动蛇形管焊接设备
AUTOMATIC SERPENTUATOR
BENDING WELDING MACHINE



摇臂钻床设备
DRILLING MACHINE



膜式壁成排弯管机设备
MEMBRANE BENDING MACHINE



全自动膜式壁自动焊设备
AUTOMATIC MEMBRANE WELDING MACHINE



实力认证 STRENGTH CERTIFICATION



多种专利，工艺技术更专业 A VARIETY OF PATENTS, MORE PROFESSIONAL TECHNOLOGY



质量管理 QUALITY ASSURANCE

新力锅炉在每一个螺栓和螺母上，从原材料到成品的每一个制造步骤都不会妥协，完成后会认真检查。
XINLI boiler will not compromise on each bolt and nut, each fabrication step from the raw materials to the finished will be examined seriously.



步骤01 / STEP01

化学&物理检查原材料与MTC
Chemical & Physical Checked Raw Materials With MTC



步骤02 / STEP02

焊缝测试100%不破坏
100% Non-Destruction Test For Welding Seam



步骤03 / STEP03

液压测试
Hydraulic Test



步骤04 / STEP04

包装前二次检验
Secondary Inspection Before Packaging



步骤05 / STEP05

发货前第三方检验
Third-Party Inspection Before Shipment



步骤06 / STEP06

锅炉节能测试报告
Boiler Energy Efficient Test Report

新力锅炉
XINLI BOILER
生物质锅炉
BIOMASS BOILER



SZL

链条炉排锅炉

SZL SERIES CHAIN GRATE BOILER

产品简介

BRIEF INTRODUCTION



SZL系列锅炉是我司工程师吸取国内外先进技术和经验设计的卧式双锅筒纵式链条炉排水管蒸汽锅炉和热水锅炉。该系列锅炉已达到国际先进水平技术、性能、环保。

锅炉采用快装成套组装结构，2~4t/h为快装水管结构，各部件整体组装出厂。6~25t/h由上下大件组成。上部为机体受热面，下部为燃烧设备。

SZL Series Boiler is designed by our engineer that learn the advanced technology at home and abroad and experience, which is the horizontal type double drum Longitudinal type chain grate water tube steam boiler and hot water boiler. This series boiler has reached the international advanced level at technology, performance, environment protection.

The boiler adopts the fast assembly package assembly structure, 2~4t/h is the fast-assembly water tube structure, all parts are in whole assembly then leave factory. 6~25t/h is consisted of up and down big parts. The upper part is the body heating surface, the down part is the burning equipment.

性能优势

PERFORMANCE ADVANTAGE



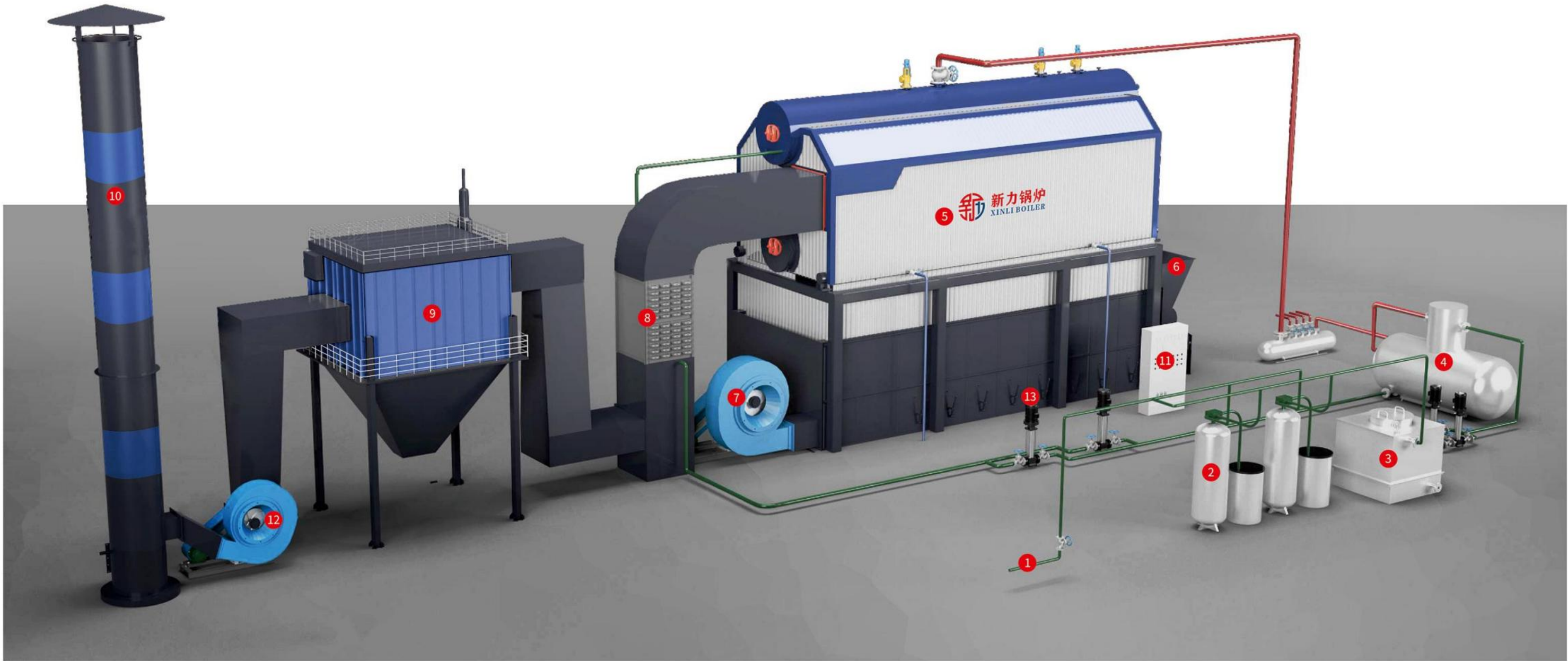
- 采用组装结构，结构紧凑，占地面积小。
It adopts fast loading structure, compact structure and small floor area.
- 采用链条式或小鳞片炉排，锅炉房可单层布置。
Adopting chain belt or small scale grate, the boiler room can be arranged in a single layer.
- 锅炉上下两部分组装出厂，能有效缩短安装周期。
The two parts of the boiler are assembled shipped, which can effectively shorten the installation period.
- 采用膜式水冷壁结构，保温性、密封性好。
The membrane water wall structure is adopted, with good heat preservation and good sealing performance.
- 采用水冷拱，增强了炉拱强度，延长了炉拱的使用寿命。
The water cooling arch is adopted to enhance the strength of the furnace arch and prolong the service life of the furnace arch.
- 采用生物质燃料专用料斗，给料顺畅、可靠。
The special hopper of biomass fuel is used to feed smoothly and reliably.
- 锅炉操作简单，点火费用低。
The operation of the boiler is simple and the cost of ignition is low.
- 锅炉负荷调节范围大（理论上0-110%），调节方便。
The boiler load regulation range is large (theoretically 0-110%), and the adjustment is convenient.
- 锅炉原始排尘浓度低。
The original dust concentration of the boiler is low.

锅炉系统图
BOILER SYSTEM

图例 LEGEND:

图样列表 Pattern list

1 水源 Source of water	2 水处理 Water treatment	3 水箱 Water tank	4 除氧器 Deaerator	蒸汽管道 Steam pipeline
5 SZL链条炉排锅炉 SZL SERIES CHAIN GRATE BOILER	6 料斗 Hopper	7 鼓风机 Forced draft fan	8 省煤器 Economizer	水管道 Water pipeline
9 除尘器 Dust collector	10 烟囱 Chimney	11 电控柜 Electric control cabinet	12 引风机 Induced draft fan	
13 给水泵 Feed pump				





技术参数

TECHNICAL PARAMETER

【上下两体结构】Upper and lower two body structure

型号 Model	额定 蒸发量 Rated Evaporation Capacity (t/h)	额定压力 Rated Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	适用燃料 Available Fuel	热效率 Thermal Efficiency (%)	最大 运输尺寸 Overall Dimension of Biggest Part for Transfortation (m)	最大 运输重量 Weight of Biggest Part for Transporation (t)
SZL2-1.25/1.6/2.5	2	1.25/1.6/2.5	194/204/225	20	生物质、煤 Biomass Coal	>83%	5.5x2.35x3.65	25
SZL4-1.25/1.6/2.5	4	1.25/1.6/2.5	194/204/225	20		>83%	7.46x2.65x3.52	32
SZL6-1.25/1.6/2.5	6	1.25/1.6/2.5	194/204/225	20/104		>85%	上 Up 6.15x2.84x3.54 下 Down 7x2.7x3.5	21
SZL8-1.25/1.6/2.5	8	1.25/1.6/2.5	194/204/225	20/104		>85%	上 Up 6.97x2.93x3.54 下 Down 8.06x2.85x2.58	25
SZL10-1.25/1.6/2.5	10	1.25/1.6/2.5	194/204/225	20/104		>87%	上 Up 6.97x2.93x3.54 下 Down 7x2.7x3.5	28
SZL15-1.25/1.6/2.5	15	1.25/1.6/2.5	194/204/225	20/104		>88%	上 Up 10x3.2x3.5 下 Down 12x3.2x3.08	30
SZL20-1.25/1.6/2.5	20	1.25/1.6/2.5	194/204/225	20/104		>89%	上 Up 6.15x2.84x3.54 下 Down 7x2.7x3.5	35

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

【八大块结构】Eight block structure

型号 Model	额定 蒸发量 Rated Evaporation Capacity (t/h)	额定压力 Rated Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	适用燃料 Available Fuel	热效率 Thermal Efficiency (%)	最大 运输尺寸 Overall Dimension of Biggest Part for Transfortation (m)	最大 运输重量 Weight of Biggest Part for Transporation (t)
SZL10-1.25/1.6/2.5	10	1.25/1.6/2.5	194/204/225	20/40	生物质、煤 Biomass Coal	>87%	-	-
SZL15-1.25/1.6/2.5	15	1.25/1.6/2.5	194/204/225	20/40		>87%	-	-
SZL20-1.25/1.6/2.5	20	1.25/1.6/2.5	194/204/225	20/104		>88%	-	-
SZL25-1.25/1.6/2.5	25	1.25/1.6/2.5	194/204/225	20/104		>89%	-	-
SZL30-1.25/1.6/2.5	30	1.25/1.6/2.5	194/204/225	20/104		>90%	-	-
SZL35-1.25/1.6/2.5	35	1.25/1.6/2.5	194/204/225	20/104		>90%	-	-
SZL40-1.25/1.6/2.5	40	1.25/1.6/2.5	194/204/225	20/104		>90%	-	-

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

DZL

链条炉排锅炉

DZL SERIES CHAIN GRATE BOILER

产品简介

BRIEF INTRODUCTION



DZL系列燃煤/生物质锅炉为单锅筒纵置式水火管锅炉，燃烧设备为链条炉排。燃烧设备为链条炉排，炉膛左右两侧水冷壁为辐射受热面，炉膛两翼和锅筒内螺纹烟管为对流受热面。该系列锅炉采用多项环保措施（布袋除尘器、双塔脱硫等），使锅炉烟尘排放达到国家环保标准。

锅炉本体在总体结构上采用上置锅筒，水冷壁管和集箱左右对称布置的形式。锅筒由筒体和前后管板组焊而成。该锅炉炉膛布置合理，燃烧效率高。

DZL series coal/biomass fired boiler is single drum water tube and fire tube boiler, combustion equipment is chain grate. Water wall tubes at left and right sides of furnace are the radiated heating area. the two wings at furnace and screw fire tube in the drum are convection heating area. This series boiler adopts several environmental protect measures (bag dust collector, double towers desulfurization, etc.) to meet the national emission requirement.

This boiler uses the upper drum, water wall tube and head are in symmetrical arrangement mode. The drum is welded assembly by cylinder and front back tube plate. This furnace structure in reasonable arrangement and high efficiency.

性能优势

PERFORMANCE ADVANTAGE



- 采用快装结构，结构紧凑，占地面积小。
It adopts fast loading structure, compact structure and small floor area.
- 锅炉本体整装出厂，安装工作量小、安装周期极短。
The boiler body is fully installed, the installation workload is small and the installation period is very short.
- 设计推拉式闸板清灰装置，闸板采用耐热铸铁精加工密封结构，从而有效防止二次燃烧变形和炉排漏风。
There is push-pull type damper ash removal device. The damper adopts Heat-resistant cast iron finishing seal structure, thus the secondary combustion distortion and air leaking in the grate is effectively prevented.
- 首创“两翼烟道”专利技术，锅炉运行安全、可靠。
Adopting the patent technology of "double-wind-gas dust", the boiler is safe and reliable.
- 采用生物质燃料专用料斗，给料顺畅、可靠。
Using biomass fuel special hopper, feeding is smooth and reliable.
- 锅炉操作简单，点火费用低。
The operation of the boiler is simple and the cost of ignition is low.
- 锅炉负荷调节范围大（理论上0-110%），调节方便。
The boiler load regulation range is large (theoretically 0-110%), and the adjustment is convenient.
- 锅炉原始排尘浓度低。
The original dust concentration of the boiler is low.

锅炉系统图
BOILER SYSTEM

图例 LEGEND:

1 水源 Source of water	2 水处理 Water treatment	3 水箱 Water tank	4 除氧器 Deaerator	蒸汽管道 Steam pipeline
5 DZL链条炉排锅炉 DZL SERIES CHAIN GRATE BOILER	6 料斗 Hopper	7 鼓风机 Forced draft fan	8 省煤器 Economizer	水管道 Water pipeline
9 除尘器 Dust collector	10 烟囱 Chimney	11 电控柜 Electric control cabinet	12 引风机 Induced draft fan	
13 给水泵 Feed pump				

图样列表 Pattern list



技术参数

TECHNICAL PARAMETER

型号 Model	额定蒸发量 Rated Evaporation Capacity (t/h)	额定压力 Rated Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	适用燃料 Available Fuel	热效率 Thermal Efficiency (%)	最大运输尺寸 Overall Dimension of Biggest Part for Transfortation (m)			最大运输重量 Weight of Biggest Part for Transporation (t)
							L	W	H	
DZL1-0.7/1.0/1.25	1	0.7/1.0/1.25	170/184/194	20	生物质、煤 Biomass、Coal	>83%	5.1	2.2	3	17
DZL2-0.7/1.0/1.25	2	0.7/1.0/1.25	170/184/194	20		>83%	5.5	2.3	3.3	23
DZL4-1.0/1.25/1.6	4	1.0/1.25/1.6	184/194/204	20		>84%	8.1	2.9	3.8	35
DZL6-1.0/1.25/1.6	6	1.0/1.25/1.6	184/194/204	20/104		>85%	7.5	2.9	3.8	35
DZL8-1.0/1.25/1.6	8	1.0/1.25/1.6	184/194/204	20/104		>85%	上Up 7.7 下 Down 8.6	上Up 3.2 下 Down 3	上Up 3.6 下 Down 2.6	45
DZL10-1.0/1.25/1.6	10	1.0/1.25/1.6	184/194/204	20/104		>86%	上Up 7.7 下 Down 8.6	上Up 3.2 下 Down 3	上Up 3.6 下 Down 2.6	61
DZL15-1.0/1.25/1.6	15	1.0/1.25/1.6	184/194/204	20/104		>88%	上Up 7.7 下 Down 8.6	上Up 3.2 下 Down 3	上Up 3.6 下 Down 2.6	77

注: 参数仅供参考, 如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

角管式链条炉排锅炉

CORNER TUBE CHAIN GRATE BOILER

产品简介

BRIEF INTRODUCTION



角管蒸汽锅炉是以位于锅炉四角的大直径厚壁下降管为主，组成框架支撑总体重量的锅炉。角管结构强制循环热水锅炉的锅筒为外置式纵向布置或横向布置，炉膛出口布置在高位，燃烧空间比较充分。水循环独特，启动迅速，结构紧凑，能有效节省钢材和锅炉土建成本以及后续维护成本。

角管结构锅炉炉膛及对流受热面采用自支撑结构。锅炉为组装机，本体部分分片组装出厂。可广泛应用于各行各业生产工艺及部分采暖用场所。

Corner tube steam boiler is a boiler with large diameter thick-wall drop tube located in the four corners of the boiler and composed of a frame supporting the overall weight. Water cycle is unique and safe, boiler start quickly, structure compact, could effectively save steel and boiler civil construction costs and follow-up maintenance costs. Corner tube boiler furnace and convection heating surface adopt self-supporting structure.

Corner tube boiler has high efficiency and energy saving, which is widely used for different industrial production process and for central heating purpose.

性能优势

PERFORMANCE ADVANTAGE

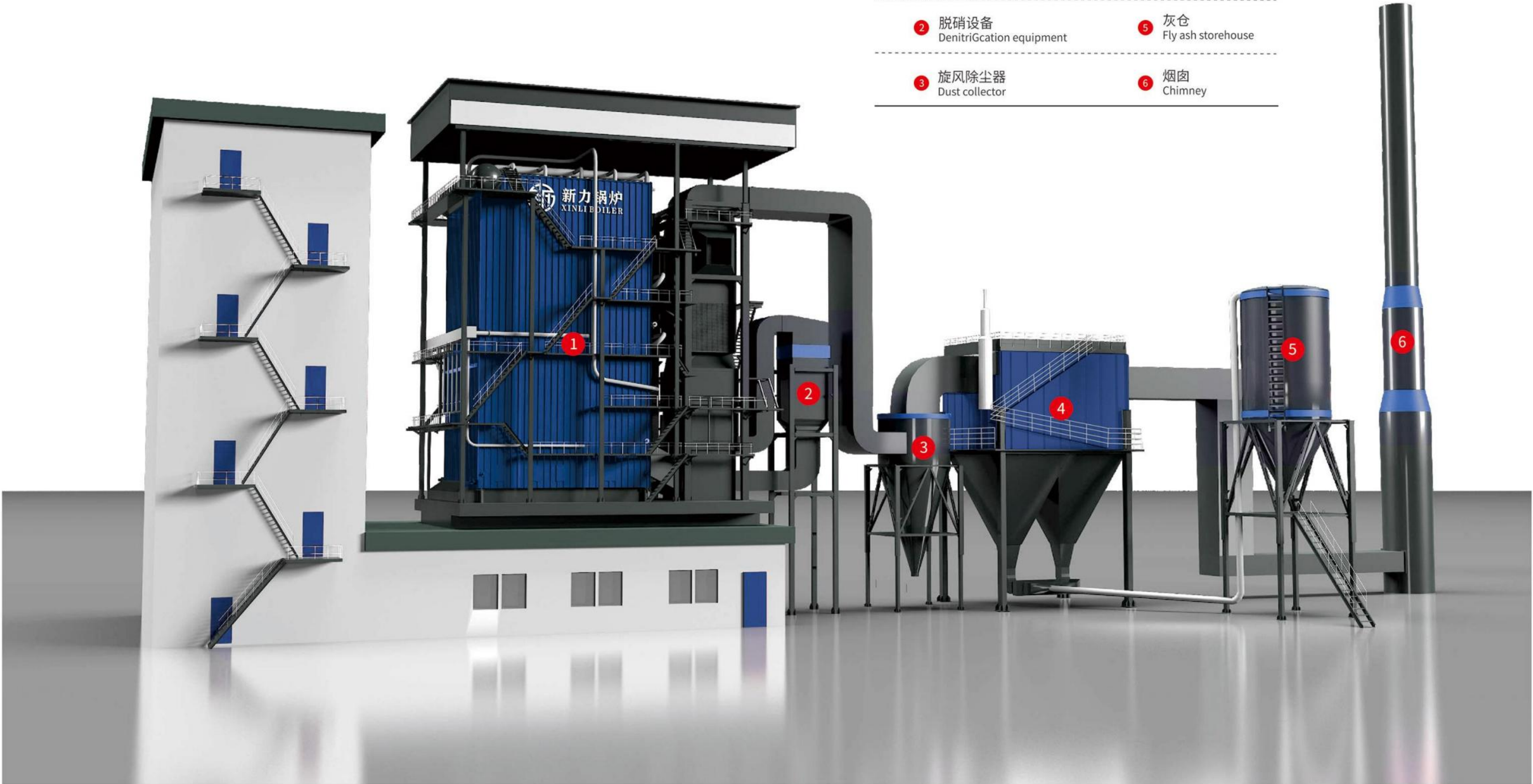


- 采用横梁式炉排，炉排运行阻力小；炉排片间采用迷宫式连接，炉排“燃料”漏量小。
Adopting crossgirder grate, with less running resistance; labyrinth connection is used between the grate, lower breakdown rate and less fuel leakage.
- 采用全焊接膜式水冷壁结构，密封性好，热损失小；大横截面与高炉膛设计，配合二次风及优化后拱，有效促使飞灰和炉渣燃尽，实测热效率逼近90%，媲美CFB系列产品。
Adopting full welded membrane water cooling wall structure, it has good sealing property and small heat loss. The large cross section and the design of the blast furnace, combined with secondary air and the optimized rear arch, effectively impel the fly ash and slag to burn out, and the measured thermal efficiency is close to 90%, which is comparable to the CFB series.
- 基于锅炉本体特殊的角管式、自承重结构，水循环可靠，启动迅速，温差应力小。
Based on the special corner tube and self bearing structure, the water cycle is reliable, the start-up is fast and the temperature difference stress is small.
- 锅炉纯燃生物质，无需添加其它床料；以炉排燃烧为主，配合多烟道布置，利用分离效应，显著降低锅炉原始排尘浓度，减轻受热面磨损，延长使用寿命。
Boiler burning biomass, no need to add other bed materials; it is based on the burning of the grate, with the arrangement of multi-flue, and the separation effect is used to significantly reduce the original dust concentration of the boiler, reducing the heating surface wear and prolonging service life.
- 具有较大的负荷调节范围30-110%，适应用户多变负荷的需求。
It has a large load adjustment range of 30-110% to meet the needs of users' changeable load.
- 不需要用油（气）点火，节省昂贵的启炉费用。
No need to use oil (gas) ignition to save expensive starting cost.
- 省煤器采用框架式结构，旗管与膜式壁组装后整装出厂，既可缩短安装周期，又可增加尾部烟道密封性能。
The economizer adopts a frame-type structure, and the membrane wall can be overall shipped after assembly, which can shorten the installation period and increase the sealing performance of the tail flue.

锅炉系统图
BOILER SYSTEM

图例 LEGEND:

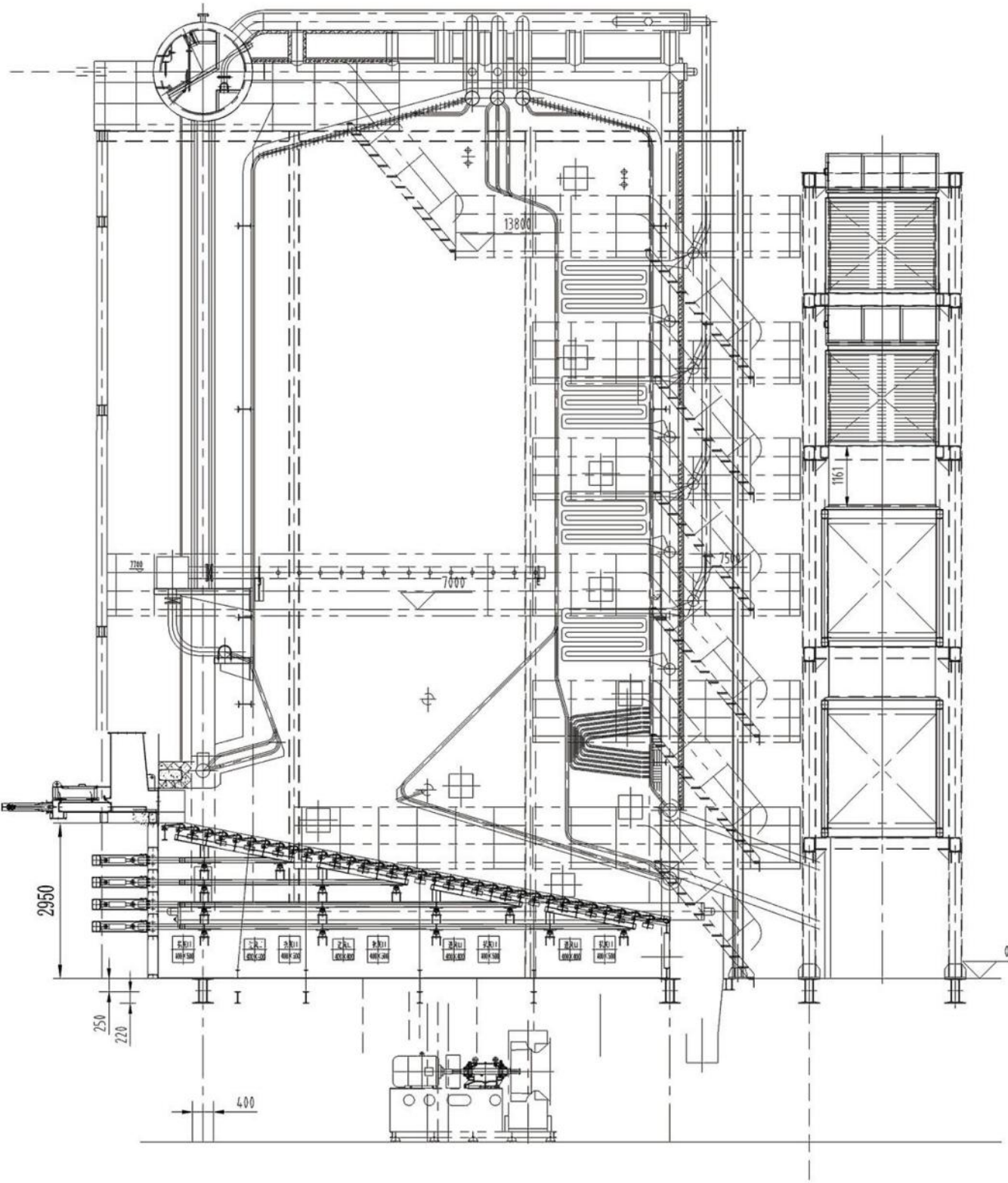
- | | |
|--|----------------------------|
| 1 角管式链条炉排锅炉
CORNER TUBE CHAIN
GRATE BOILER | 4 除尘器
Dust collector |
| 2 脱硝设备
DenitriGcation equipment | 5 灰仓
Fly ash storehouse |
| 3 旋风除尘器
Dust collector | 6 烟囱
Chimney |



技术参数
TECHNICAL PARAMETER

型号 Model	额定 蒸发量 Rated Evaporation Capacity (t/h)	额定压力 Rated Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature(°C)	给水温度 Feed Water Temperature (°C)	适用燃料 Available Fuel	热效率 Thermal Efficiency (%)
DHL20-1.25/1.6/2.5	20	1.25/1.6/2.5	194/204/225	20/104	生物质、煤 Biomass Coal	>87%
DHL25-1.25/1.6/2.5	25	1.25/1.6/2.5	194/204/225	20/104		>87%
DHL35-1.25/1.6/2.5/3.82	35	1.25/1.6/2.5/3.82	194/204/225/450	20/104		>88%
DHL45-1.25/1.6/2.5/3.82	45	1.25/1.6/2.5/3.82	194/204/225/450	20/104		>88%
DHL55-1.25/1.6/2.5/3.82	55	1.25/1.6/2.5/3.82	194/204/225/450	20/104		>89%
DHL75-1.25/1.6/2.5/3.82/5.29	75	1.25/1.6/2.5/3.82	194/204/225/450/485	20/104		>90%

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.



流化床锅炉

CIRCULATING FLUIDIZED BED BOILER WITH SUPERHEATED STEAM

产品简介 BRIEF INTRODUCTION



循环流化床燃烧技术是近年来发展和推广的高效、清洁、低温燃煤技术，我公司在总结和借鉴国内循环流化床锅炉成熟技术基础上，有针对性的进行技术升级和产品换代，产品技术性能、节能环保性能、运行可靠性及使用维护等方面有明显提高和改善。

SHX系列流化床锅炉利用高效外循环浮式燃烧技术，具有高热效率，高脱硫率，NO_x排放量低，结构简单，操作方便等特点，具有广泛的应用前景，是替代传统锅炉的理想产品。

Circulating fluidized bed combustion technology has the characteristics of high efficiency, clean, and low temperature, it is developed and promoted in recently years. Xinli Boiler takes advantages of the mature advantage of CFB boiler and upgrading the technology, improves the boiler technical performance, energy saving & environmental performance, and operation reliability.

SHX is one series of CFB boiler, it takes advantages of high efficiency external circulating cyclone combustion technology, has the characteristics of high thermal efficiency, high desulfurization rate, compact structure, and easy operation. The boiler could be used in different industrial production and electric generation, it is the ideal alternative heating equipment to the conventional boilers.

性能优势 PERFORMANCE ADVANTAGE

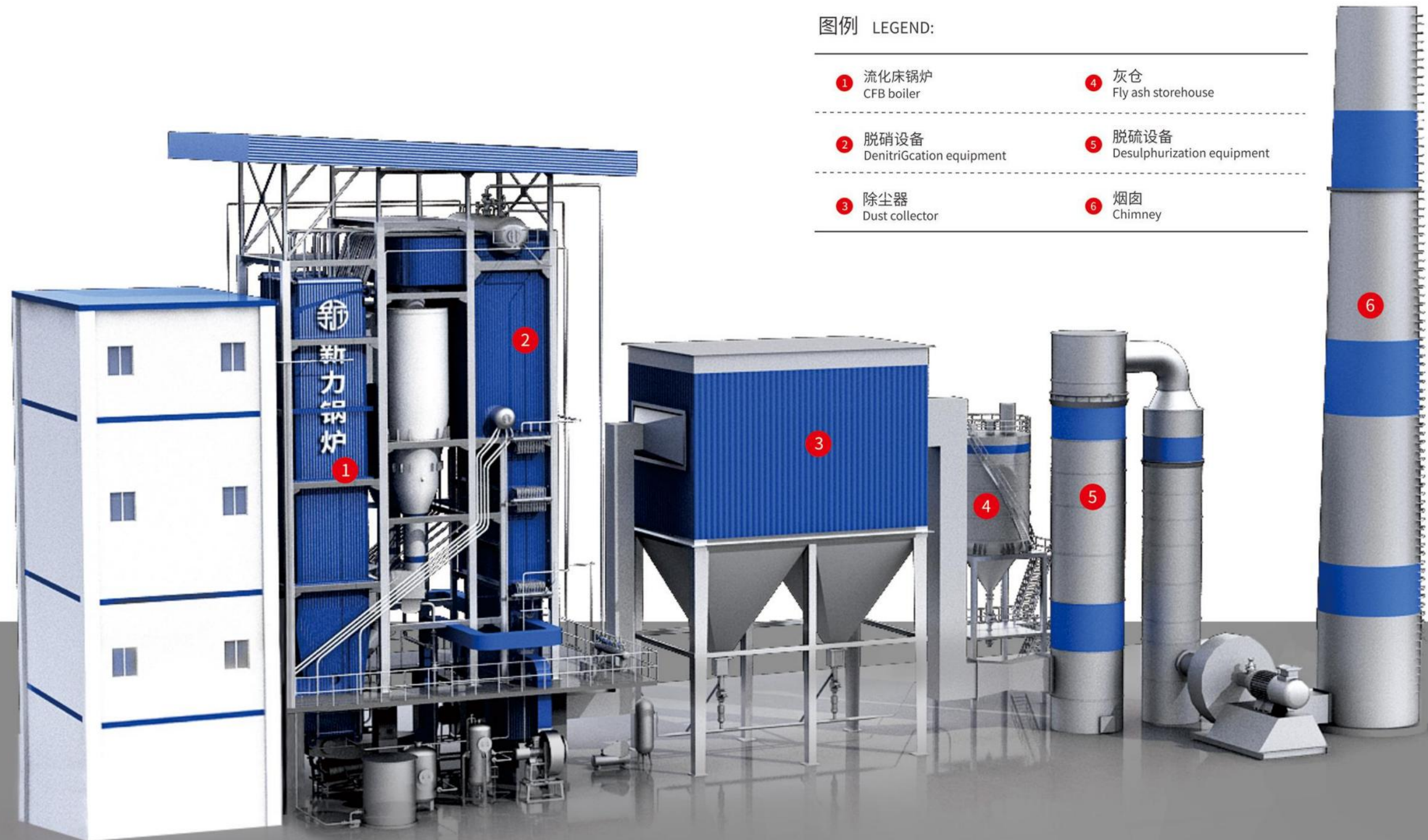


- 采用“定态设计”理念，实现炉内“流态重构”和低床压运行，受热面接近零磨损，年运行时间可达8000小时以上，极大提高锅炉使用率。
The "steady state design" concept is adopted to realize the "flow state reconstruction" and low bed pressure operation in the furnace. The heating surface is close to zero wear, and the annual operation time can reach more than 8000 hours, which greatly improves the boiler usage rate.
- 基于清华大学节能型循环流化床锅炉理论，优化低温低氮分级燃烧技术，实现源头减排，炉内脱硫效率高达95%以上，NO_x初始排放降低 50% 以上，不单独布置脱硫及脱硝装置即可达到国家标准。
Based on the theory of energy-saving circulating fluidized bed boiler in Tsinghua University, optimizing the low temperature and low nitrogen classification combustion technology to achieve the source emission reduction, the desulfurization efficiency in the furnace is as high as 95%, and the initial emission of No_x is reduced by more than 50%. The national standard can be reached without the separate arrangement of desulphurization and denitrification devices.
- 锅炉纯烧生物质燃料，配风精确，实现燃料颗粒在炉内的高效分离及循环燃烧，燃烧效率接近百分百，锅炉热效率高达92%以上。
This boiler burns biomass fuel purely, and the air distribution is accurate, so that the fuel particles can be efficiently separated and circulated in the furnace. The combustion efficiency is close to 100% and the boiler thermal efficiency is as high as 92%.
- 锅炉采用低床压运行，风机电耗低，厂用电率低，节省风机电耗20%以上。
The boiler adopts low bed pressure operation, low power consumption of the fan, low power consumption rate, saving fan power consumption by more than 20%.
- 采用特殊的炉膛及尾部受热面设计，彻底克服了困扰生物质锅炉发展的高、低温腐蚀及积灰等难题，运行更加安全可靠。
Adopting design of special furnace and tail heating surface has completely overcome the problems of high and low temperature corrosion and ash accumulation that plagued the development of biomass boilers, and the operation is more safe and reliable.

 锅炉系统图
BOILER SYSTEM

图例 LEGEND:

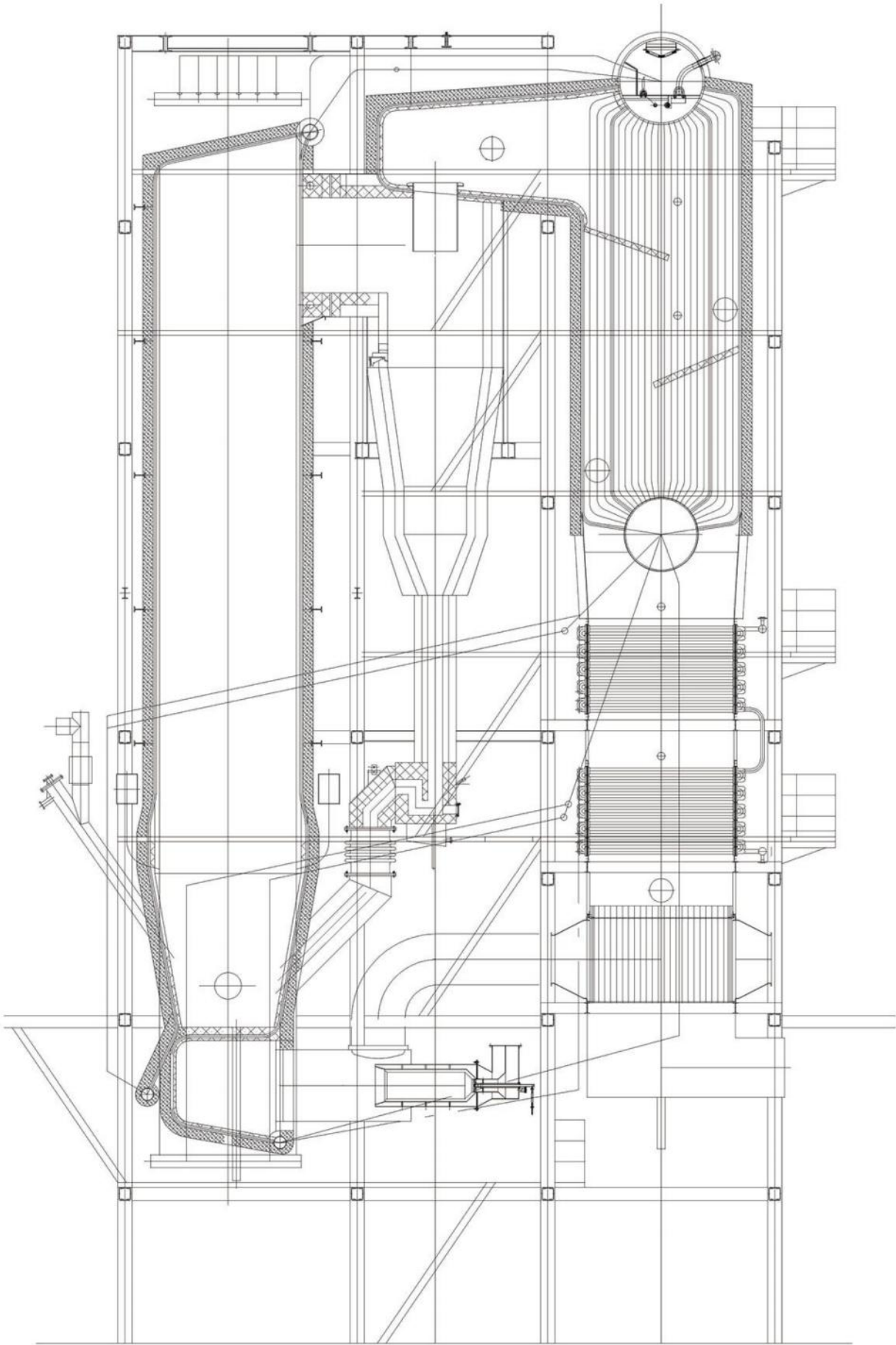
- | | |
|------------------------------------|--------------------------------------|
| ① 流化床锅炉
CFB boiler | ④ 灰仓
Fly ash storehouse |
| ② 脱硝设备
DenitriGcation equipment | ⑤ 脱硫设备
Desulphurization equipment |
| ③ 除尘器
Dust collector | ⑥ 烟囱
Chimney |



技术参数
TECHNICAL PARAMETER

型号 Model	额定 蒸发量 Rated Evaporation Capacity (t/h)	额定压力 Rated Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	适用燃料 Available Fuel	热效率 Thermal Efficiency (%)	脱硫率 Desulfurization Rate (%)(Ca/s ≈ 2)	排烟温度 Exhaust Gas Temperature (°C)
SHX10-1.25/1.6/2.5	10	1.25/1.6/2.5	194/204/225	104	生物质、煤 Biomass Coal	>92%	85	150
SHX15-1.25/1.6/2.5	15	1.25/1.6/2.5	194/204/225	104		>92%	85	150
SHX20-1.25/1.6/2.5	20	1.25/1.6/2.5	194/204/280/450	104		>93%	85	150
SHX25-1.25/1.6/2.5	25	1.25/1.6/2.5	194/204/280/450	104		>93%	85	150
SHX30-1.25/1.6/2.5	30	1.25/1.6/2.5	194/204/280/450	104		>93%	85	150
SHX35-1.25/1.6/2.5	35	1.25/1.6/2.5	194/204/280/450	104		>94%	85	150
SHX40-1.25/1.6/2.5	40	1.25/1.6/2.5	194/204/280/450	104		>94%	85	150
SHX75-1.25/1.6/2.5	75	1.25/1.6/2.5	194/204/280/450	104		>95%	85	150

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.



新力锅炉
XINLI BOILER
余热锅炉
WASTE HEAT BOILER



危废、医废等 垃圾焚化余热锅炉

WASTE HEAT BOILER OF HAZARDOUS WASTE
AND MEDICAL WASTE INCINERATION



产品简介 BRIEF INTRODUCTION

该行业余热锅炉是指与危险废物、医疗废物等垃圾焚化设备相配、并利用垃圾焚化设备出口的烟气热量产生额定参数蒸汽的余热锅炉。危废余热锅炉、医废余热锅炉主要有水管式和烟管式两大类。

根据垃圾处理工艺的特点，余热锅炉在对防止二噁英类有害物质生成方面具有非常重要的作用，同时余热锅炉对垃圾焚化烟气具有很好的适应性。

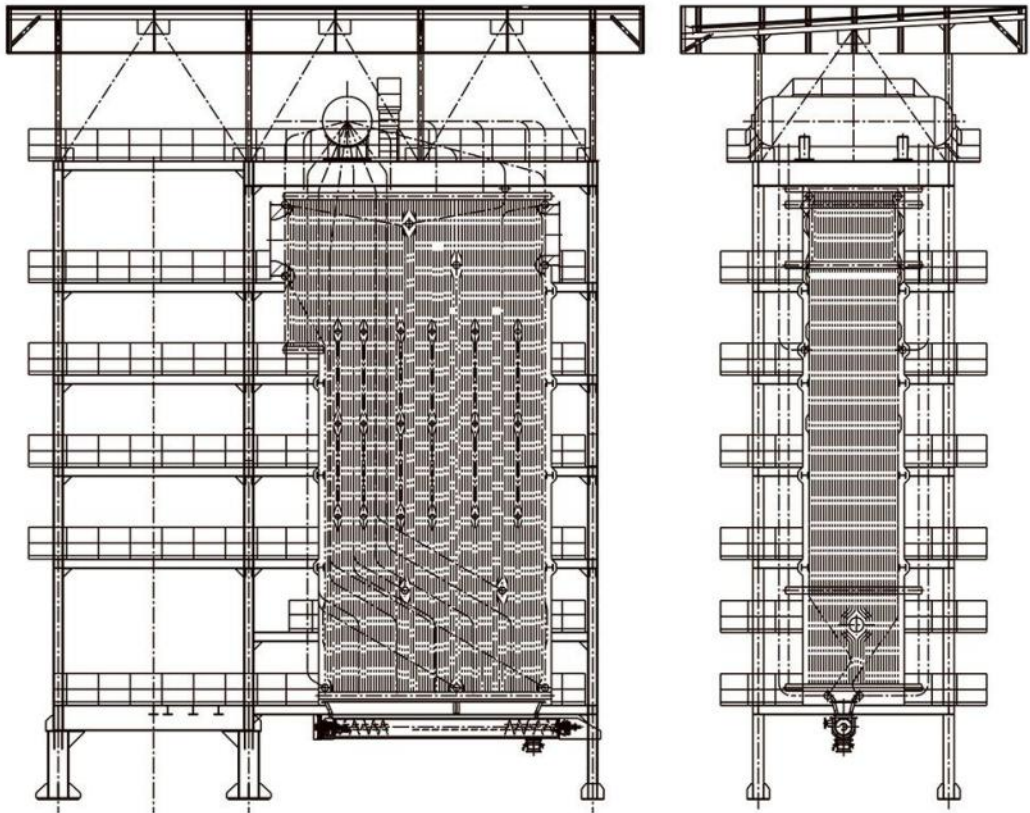
在吸收国外同类锅炉的优点后，自主研发的适用于该行业的专利型余热锅炉为国内首创，结构新颖独特，经济性能优良。

The waste heat boiler of this industry is waste heat boiler that matches the hazardous waste and medical waste incineration equipment. It uses exit flue gas heat of refuse incineration equipment to produce steam of nominal parameters. The waste heat boiler of hazardous waste and medical waste developed by our company mainly include water-tube boiler and smoke-tube boiler.

According to the features of refuse disposal technology, the waste boiler plays a very important role in the prevention of harmful substances such as dioxin and the waste heat boiler has very good adaptability on refuse incineration flue gas.

After absorbing advantages of boilers made in China and foreign countries, the patent waste heat boiler adapted to this industry is initiative in China; it is of novel and unique structure, its economic performance is in leading position in China.

锅炉平面图
BOILER ICHNOGRAPHY



性能优势
PERFORMANCE ADVANTAGE

- 锅炉采用立式布置，各部件结构紧凑，占地面积小。
The boiler adopts vertical arrangement with compact conformation for each part and small floor area.
- 锅炉采用全膜式水冷壁结构，传热效率高、密封性能好，解决了传统锅炉漏风量大、散热损失高、系统能耗高等缺点。
The boiler applies membrane-type water wall with high heat conducting efficiency and good sealing performance, which has overcome the defects of traditional boilers: large quantity of air leakage, high heat loss and high energy consumption.
- 锅炉采用惯性分离原理实现炉内两级气、固分离，解决了传统锅炉仅靠飞灰自然沉降、除尘效率低下、环境污染严重等缺点。
The boiler employs inertia separate principle to realize gas solid separation in boiler which has overcome the defects of low efficiency of soot cleaning and heavy environmental pollution, natural soot of traditional boilers.
- 锅炉膜式水冷壁采用全悬吊结构，利于锅炉的膨胀，安全性高。
The boiler membrane-type water-cooling wall employs suspension structure which is good for absorbing boiler expansion and has high operation safety.
- 锅炉膜式水冷壁四周采用刚性梁固定结构，使锅炉炉膛具有抗爆燃的特性，安全富裕度大。
Apply stiffening beam fixed structure around the boiler membrane-type water cooling wall to provide boiler furnace with anti-deflagration property and enough margin of safety.
- 锅炉配置全自动激波吹灰器，有效降低飞灰对锅炉受热面的污染，从而最大限度的延长锅炉寿命，保证锅炉效率，解决了传统锅炉靠震打清灰或蒸汽吹灰易造成受压件损坏、磨损等弊端。
The boiler is equipped with fully automatic microwave soot blower with proprietary technology which can reduce the pollution of soot the heating surface of the boiler, thus, prolonging the lifetime of the boiler to the uttermost and guaranteeing the boiler efficiency. It has overcome the defects of traditional boilers such as removing soot with vibration or flowing soot with steam, easy to bring damage and abrasion to the pressed parts.
- 锅炉落灰斗下部采用密闭式出灰装置，实现烟气侧密封和全自动清灰，解决了传统锅炉靠人工清灰效率低、漏风严重、劳动强度大等缺点。
Employ enclosed soot-removal install in the lower part of the ash hopper to realize side sealing of the flue gas and fully automatic soot-cleaning, which has overcome the defects of low efficiency and high intensity of the labor by using manpower to clean soot for traditional boilers.



技术参数
TECHNICAL PARAMETER

型号 Model	额定蒸发量 Rated Evaporation Capacity (t/h)	额定蒸汽压力 Rated Steam Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	设计燃料 Fuel Type
QC8.4/1137-3-1.27	3	1.27	194	104	危废焚烧 烟气余热 Hazardous waste and medical waste incineration flue gas waste heat
QC20.4/1130-7-1.60	7	1.6	204	104	
QC20.4/1130-8-1.25	8	1.25	194	104	
Q23.6/1110-7.9-2.4/350	7.9	2.4	350	104	
Q26.5/1150-10-1.25	10	1.25	194	104	
Q33.6/1114-12.3-1.25	12.3	1.25	194	104	
Q35.7/1100-13.1-1.60	13.1	1.6	204	104	
Q46.4/1115-17.4-1.6/250	17.4	1.6	250	104	
Q52.2/1115-19.2-1.25	19.2	1.25	194	104	

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

三废混燃炉
及吹风气余热锅炉
THREE CASTOFF MIX BURNING BOILER AND
BLOWN GAS WASTE HEAT BOILER

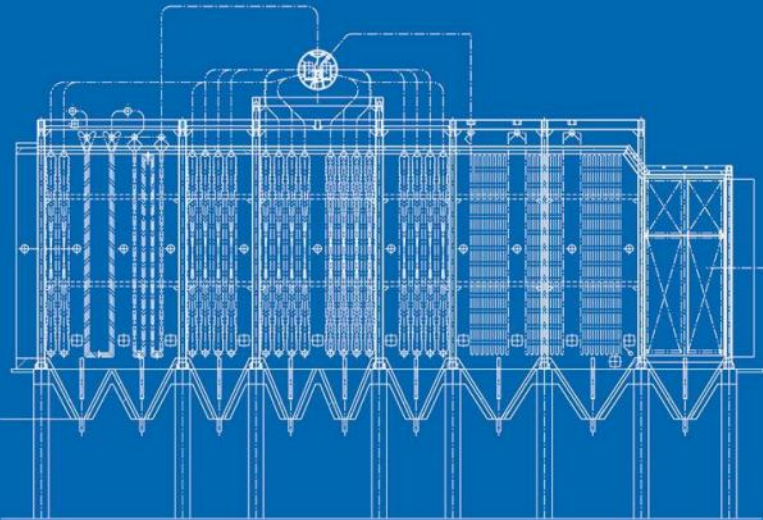
产品简介
BRIEF INTRODUCTION



三废混燃炉及吹风气余热锅炉是应用于化肥、化工（尤其是甲醇、乙醇、甲醛、合成氨）行业的理想高效节能设备。根据该行业余热烟气的特点，新力锅炉开发的三废混燃炉吹风气余热锅炉主要有立式和隧道窑卧式两大类自然循环余热锅炉，可与三废混燃炉及吹风气炉整体配套，使生产企业完全实现“两煤变一煤”、“两炉变一炉”，是化工行业循环经济的典型节能利用设备，在为企业产生巨大的经济效益和环保效益的同时，真正做到了安全、环保、增产、增效、节约。

Three castoff burning boiler and blown gas waste heat boiler are ideal equipment of high efficiency and energy-saving in fertilizer and chemicals(esp. methanol, ethanol, formaldehyde, synthetic ammonia) industry. According to the features of waste heat flue gas of this industry, chemical industry waste heat boiler developed by our company mainly can be divided into two types of natural circulation waste heat boilers: vertical type and tunnel kiln horizontal type. This is typical energy saving equipment for recycling economy in chemical industry; it can support the three castoff burning boiler and blown gas waste heat boiler, is typical energy saving equipment for recycling economy in chemical industry and help the production enterprise to completely and thoroughly achieving the goal of safety, environmental protection, increasing production and efficiency, and energy saving.

锅炉平面图
BOILER ICHNOGRAPHY



技术参数
TECHNICAL PARAMETER

型号 Model	额定蒸发量 Rated Evaporation Capacity (t/h)	额定蒸汽压力 Rated Steam Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	设计燃料 Fuel Type
QC110/625-22-3.82/450	22	3.82	450	70	化工三废 烟气余热 Chemical flue gas waste heat
Q80/900-25-3.82/450	25	3.82	450	104	
Q83/900-30-3.82/450	30	3.82	450	104	
Q110/860-35-3.82/450	35	3.82	450	104	
QC130/860-45-3.82/450	45	3.82	450	104	
Q161/866-50-3.82/450	50	3.82	450	85	
Q150/950-55-3.82/450	55	3.82	450	104	
QC220/950-60-5.29/450	60	5.29	450	104	
QC145/1025-65-3.82/450	65	3.82	450	104	
QC145/1025-65-3.82/450	75	5.3	450	104	
QC145/1025-65-3.82/450	80	5.29	485	95	
QC145/1025-65-3.82/450	85	5.29	485	104	
QC145/1025-65-3.82/450	90	5.29	485	104	
QC145/1025-65-3.82/450	120	5.29	485	104	

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

碳素回转窑
及罐式碳素余热锅炉
CARBON ROTARY KILN WASTE HEAT BOILER,
TANK CARBON WASTE HEAT BOILER

产品简介
BRIEF INTRODUCTION



本行业锅炉主要有碳素回转窑余热锅炉和罐式碳素余热锅炉两大系列自然循环水管余热锅炉。锅炉布置新颖，采用立式倒π型结构，其性能优于行业同期水平。

含尘烟气经由凝渣管、过热器、对流管束、钢管省煤器后排出炉外。锅炉凝渣管由前墙水冷壁拉稀而成；过热器为水平悬吊式结构，分高温段和低温段，采用中间减温布置；对流管束为顺排布置，烟气两次折流板中间折流以提高烟气流速并形成横向冲刷，提高对流管束的传热能力；省煤器采用锅炉蛇形管，横向冲刷错排布置；水冷系统的中间部分为膜式水冷壁隔墙，既增加了受热面，又提高了密封性和安全性；前后墙水冷壁同样采用膜式水冷壁。

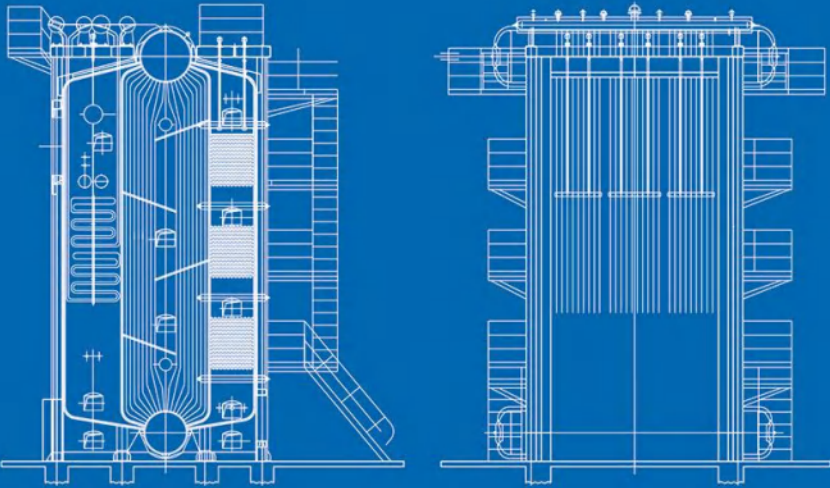
该炉型同传统碳素窑余热锅炉相比，占地面积小，节省投资开支；结构新颖，性能优越，在碳素余热锅炉发展中占据里程碑地位。

The boiler of this industry includes two series of natural circulation water-tube waste heat boilers: carbon rotary kiln waste heat boiler and tank carbon waste heat boiler. With vertical π structure, the structure of the boilers is brand new and has advanced properties. It is original in China and is a new-type carbon rotary kiln waste heat boiler developed independently by this company.

The flue gas is discharged from the boiler through boiler slag screen, superheater, convection tube tank and steel tube economizer. The boiler slag screen of the boiler is lengthened from the front water wall tube. The superheater is horizontal pendant structure, constituted by high temperature section and low temperature section, and face-type temperature reduction arrangement is adopted. The convection tube tank is in-line pitching. Flue gas twice baffle plate is adopted to enhance the flue gas speed and form horizontal scouring, so the heat transfer capacity of convection tube tank is improved. Economizer employs coiled tube, and has horizontal scouring staggered arrangement. The central part of water-cooling system is membrane-type water wall separating wall. In this way, not only the heating surface is enlarged, but both the sealing and safety are improved. The front and back water wall also adopts membrane-type water wall.

This boiler structure, compared with traditional carbon rotary kiln waste heat boiler, covers a smaller area, needs less investment, is brand new and has advanced properties. With higher level than the domestic industry, it has become a new milestone in the development of carbon rotary kiln waste heat boiler.

锅炉平面图
BOILER ICHNOGRAPHY



技术参数
TECHNICAL PARAMETER

型号 Model	额定蒸发量 Rated Evaporation Capacity (t/h)	额定蒸汽压力 Rated Steam Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	设计燃料 Fuel Type
Q9/850-3.0-4.0/450	3	4	450	104	碳素窑 烟气余热 Carbon kiln flue gas waste heat
Q15/850-5.0-4.0/450	5	4	450	104	
Q17.2/850-6.0-2.5/400	6	2.5	400	104	
Q23/905-10-1.6/260	10	1.6	260	104	
Q32/930-12-2.45/400	12	2.45	400	104	
Q35/950-15-1.25/270	15	1.25	270	105	
Q89/640-20-2.45/400	20	2.45	400	104	
QC57/1000-22-3.82/450	22	3.82	450	104	
Q51.4/1125-25-2.45/400	25	2.45	400	105	
Q69.5/1050-32-3.82/450	32	3.82	450	150	
QC84/940-35-2.45/400	35	2.45	400	105	
Q83.2/1000-36-3.82/450	36	3.82	450	105	
QC93.5/1100-42.4-3.82/450	42	3.82	450	104	

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

钢铁行业烧结机
及冷却机余热锅炉
WASTE HEAT BOILER OF SINTERING
AND COOLING MACHINE

产品简介
BRIEF INTRODUCTION



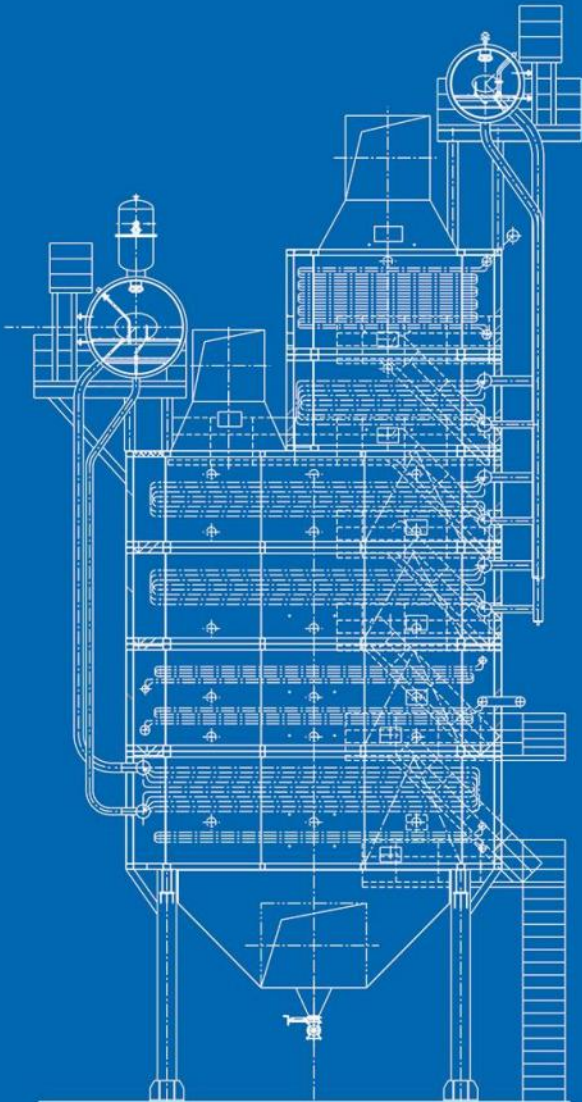
在钢铁生产过程中，烧结工序的能耗约占总能耗的10%，仅次于炼铁工序，位居第二。在烧结工序总能耗中，有近50%的热能以烧结烟气和冷却机废气的显热形式排入大气。烧结冷却机余热回收的过程，是通过烧结机尾落矿风箱及烧结冷却机密闭段的烟气加热余热锅炉来回收利用低品味余热能源，结合低温余热发电技术，用余热锅炉的过热蒸汽来推动低参数的汽轮发电机组做功发电的成套技术。

适用于钢铁行业烧结冷却机余热烟气的立式余热锅炉，主要配套于60m³~450m³烧结机及冷却机，其成功解决了余热锅炉易积灰、易磨损、漏风等问题，同时该型余热锅炉对于烟气温度、烟气粉尘具有一定的适应性。该型余热锅炉能够降低烧结工序能耗，减少资源浪费，企业生产成本由此得到有效缩减。

In the process of steel production, the energy consumption of sintering processes accounts for about 10% of total energy consumption, second only to iron-making process, list in the second place. Total energy consumption in the sintering process, nearly 50% of the thermal as emitted into the atmosphere at the sensible heat form of sintering flue gas and a cooler. The waste heat recovery of sinter cooler, is the latest set of power generation technology that through recycling flue gas heat of drop-tail ore wind box of sintering machine and sealed section of sintering cooler and waste heat boiler recover heat energy, combining with power generation technology of low temperature waste heat, the superheated steam of the waste heat boiler is used to push the low-parameter steam turbine generator unit to generate power.

The vertical waste heat boiler developed by our company that applied to flue gas heat of sintering cooler of iron and steel industry, mainly in supporting 60m³-450m³ sintering and cooling machine, successfully solved the fouling, wear, leakage problem of waste heat boiler, at the same time, this type of waste heat boiler is with a certain degree of adaptability for the flue gas temperature, flue gas dust. The use of this type of waste heat boilers can reduce energy consumption of sinter processes, reduce the waste of resources and the production cost of enterprises.

锅炉平面图
BOILER ICHNOGRAPHY



技术参数
TECHNICAL PARAMETER

型号 Model	额定蒸发量 Rated Evaporation Capacity (t/h)	额定蒸汽压力 Rated Steam Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	设计燃料 Fuel Type
Q85/380-9.5-2.06/350	9.5	2.06	350	150	烧结机 烟气余热 Mintering and cooling machine flue gas waste heat
Q170/320-11.8-1.2/210	11.8	1.2	210	150	
Q240/330-18.3-1.2/210	18.3	1.2	210	150	
Q450/380-40-1.7/330	40	1.7	330	70	

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

浮法玻璃熔炉烟气
余热锅炉
FLOAT GLASS KILN WASTE HEAT BOILER

产品简介
BRIEF INTRODUCTION

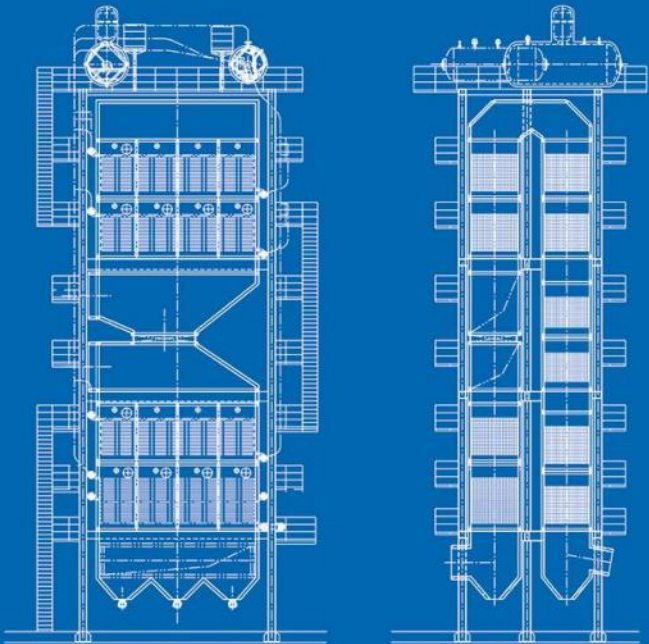


玻璃工业是能源消耗大户，我国现有的浮法玻璃工艺水平已与国际接轨，但在能耗上与国际水平仍存在较大的差距，目前我国生产玻璃的平均热耗比国际水平高20%左右。浮法玻璃熔炉烟气余热发电系统能够将余热利用进一步提高到70%以上，可充分回收玻璃熔炉的高温烟气余热资源。此系统通过设置高效的立式水管余热发电锅炉来产生过热蒸汽，使烟气排放温度降到180℃左右，过热蒸汽通入汽轮发电机发电，产生使用方便、输送灵活的清洁电能，扩大了烟气余热的利用途径。同时可从汽轮机低压段抽出部分低压蒸汽，用于重油燃料的加热，满足玻璃生产工艺用热需求。

该行业余热锅炉为单锅筒横置式的立式自然循环水管锅炉，整体布置形式呈倒U型，克服了传统的热管式余热锅炉在结构和运行中的弊端，使用寿命长，运行维护简单，经济安全可靠，适用于使用重油或天然气燃料的浮法玻璃熔炉生产线。

Glass industry consumes huge energy every year. China has a top level of the float glass processing industry in the world, however, there is still a big gap between the international level on energy consumption. The float glass kiln waste heat power generation system can further the utilization of the waste heat more than 70%, so the waste heat can be almost fully used. Superheated steam was generated by the high efficient vertical, water-tube, waste heat power station boiler and the temperature of the exhaust gas was lowered down to around 180℃. Then the superheated steam was used to generate clean, easy-to-use and convenient delivery power trough turbine generator. By this method, not only the function of the waste heat was enlarged, but also the lower temperature steam from lower pressure part of turbine generator can be used to heat heavy oil to meet the heat requirements of the workmanship of the glass industry. Our products adopt single drum, width wise layout, vertical, natural circulation, water tube type. The overall layout is inverted u-shaped, which overcomes the down sides of the traditional vertical, natural circulation waste heat boilers. They have the features of long service life, easy operation and maintenance, safety, stable and cost saving. It can fully meet the requirements of the float glass furnace production line, which burn heavy oil and natural gas.

锅炉平面图
BOILER ICHNOGRAPHY



技术参数
TECHNICAL PARAMETER

型号 Model	额定蒸发量 Rated Evaporation Capacity (t/h)	额定蒸汽压力 Rated Steam Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (℃)	给水温度 Feed Water Temperature (℃)	设计燃料 Fuel Type
Q10/450-1.3-1.25	1.3	1.25	194	20	浮法玻璃 熔炉烟气 余热 Float glass kiln flue gas waste heat
QC45/372-4.7-1.35/310	4.7	1.35	310	104	
Q120/530-8.6-0.8	8.6	0.8	175	104	
Q88.5/440-10.3-2.3/410	10.3	2.3	410	133	
Q96/480-13.2-2.3/430	13.2	2.3	430	150	
Q100/510-14-2.6/420	14	2.6	420	104	
Q108/500-15-0.7	15	0.7	170.4	20	
Q110/510-16.4-2.4/430	16.4	2.4	430	138.7	
Q135/510-19.8-2.4/430	19.8	2.4	430	138.7	
Q145/510-21.2-2.6/430	21.2	2.6	430	138.7	
Q170/500-24.7-2.7/430	24.7	2.7	430	138.7	
Q200/510-29.5-2.7/430	29.5	2.7	430	138.7	

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

水泥窑余热锅炉

WASTE HEAT BOILER OF CEMENT KILN

产品简介

BRIEF INTRODUCTION

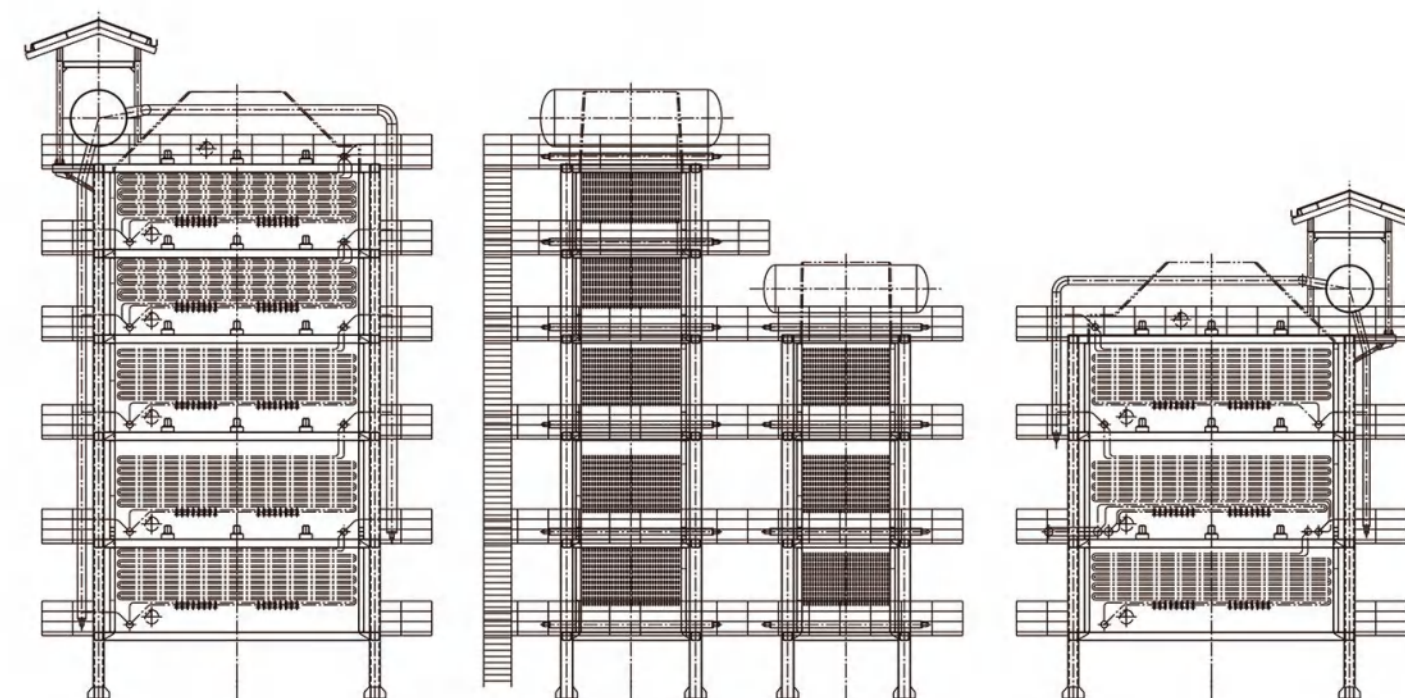
水泥窑余热锅炉是应用于水泥制造行业的一种高效可靠的节能产品，根据水泥窑种类、规模、工艺流程和生产设备的不同，研发出了应用于日产100t/d~10000t/d水泥行业的高温、中温、低温余热锅炉。余热锅炉主要有立式、卧式和立卧组合式强制循环和自然循环等多种结构形式。根据水泥窑废气的特殊性、多样性，在水泥窑余热锅炉设计、制造方面积累了丰富的经验，在锅炉减少漏风、防磨、防积灰等方面有独到之处。

低温余热锅炉主要利用预热器窑头熟料冷却机和窑尾预热器排出的250℃~400℃的低温余热烟气产生微过热蒸汽，利用微过热蒸汽推动低参数的汽轮机来做功发电。该型锅炉整体结构采用立式布置形式，具有布置灵活、占地面积小、基建投资少、漏风量小、钢材消耗量低等显著特点，深受广大用户青睐。该低温废气余热可应用于行业发电，是节约能源，降低能耗，实现资源综合利用的有效途径，既可降低水泥生产成本，提高企业经济效益，又可增强企业竞争力，缓解部分用电紧张，同时，可降低排烟温度和排尘浓度，大气污染物排放量低，由此减少空气污染，使水泥企业做到资源循环再利用，实现清洁生产。



锅炉平面图

BOILER ICHNOGRAPHY



Waste heat boiler of cement kiln is an efficient and reliable energy-saving product, which is mainly applied to cement making industry. According to different types and specification of lime kiln, technological process and production equipment, our company has successfully developed high temperature, moderate temperature, low temperature and pure low-temperature waste heat boilers, which can be applied to cement industries with daily production capacity of 100t/d-10000t/d. Waste heat boiler has various forms of structure, such as vertical type, horizontal types, vertical and horizontal combinatory forced circulation and natural circulation. For the specificity and diversity of lime kiln waste, our company has gathered rich experience in design and manufacture of waste heat boiler of lime kiln, and has specific characteristics in reduction of air leakage, anti-abrasion and anti-soot-deposition.

Low temperature waste heat boiler is high efficiency boiler that produces slightly superheated steam mainly by using pre-heater kiln head chamotte cooling machine and kiln end pre-heater to discharge 250℃-400℃ low-temperature waste heat flue gas and meanwhile generates electric power by using slight superheated steam to push low thermal parameter turbine driving. The overall structure of this type of boiler employs vertical arrangement which has obvious features of flexible arrangement, small floor area, and little investment in basic construction, small amount of air leakage and low rate of consumption for steel materials and so on. It is very popular among users. This low-temperature gas waste heat used to generate electric power is an effective way to save energy and reduce consumption, and realize the comprehensive uses of resources, not only reducing the production costs of cement, but also raising the economic effectiveness of the enterprise and overcome electricity shortage. Meanwhile, it also can lower the smoke evacuation temperature and soot exhausting concentration, low emissions of air pollutants, thereby reducing air pollution. greatly reducing air pollution and greenhouse effect and realizing resources recycling in cement industry and clean production.

干熄焦余热锅炉

WASTE HEAT BOILER OF DRY QUENCHING

产品简介

BRIEF INTRODUCTION



干熄焦余热锅炉是利用惰性气体冷却焦炭，将吸热后的惰性气体传递给锅炉，再由循环风机送入干熄炉内达到循环使用目的，其主要作用于冷却循环气体，产生蒸汽，是应用于干熄焦装置中的主要节能设备。干熄焦装置具有节能降耗、减少成本、减少环境污染、提高焦炭质量等诸多优点。

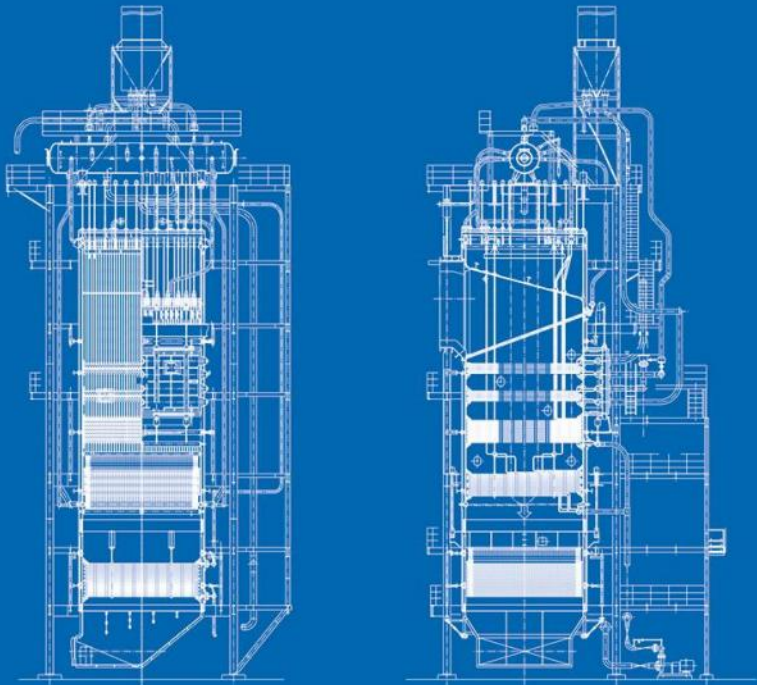
新型余热锅炉有效解决了锅炉密封、磨损、膨胀等特殊问题，能够适应干熄焦系统负荷的变化，市场占有率一路攀升。

Dry quenching is a kind of technology, which cools coke by using inert gas, transferring heated inert gas to boiler, sending it into CDQ-Boiler by circulating fan and make recycling use. Dry coke quenching auxiliaries have advantages of energy saving, reduction in reduction in environmental pollution and coke quality improvement. Waste heat boiler of dry quenching is main energy-saving equipment, which is applied to dry coke quenching auxiliaries. Its function is cooling recycle gas and producing steam.

New waste heat boiler developed by our company has unique characteristic and has been widely applied. It solves such special problems as boiler seal, abrasion and expansion, and it can adapt the changes of dry quenching system load.

锅炉平面图

BOILER ICHNOGRAPHY



技术参数

TECHNICAL PARAMETER

序号 Number	主要参数 Main Parameter	干熄焦处理能力(t/h) Capacity of Dry Quenching(t/h)				
		65	75	100	125	140
1	循环风量(M³/h) Circulating Air Volume	90400	120000	145000	177800	199100
2	入口烟温(°C) Flue Gas Temperature of Entrance	960	960	960	930	930
3	最大蒸发量(t/h) Maximum Evaporating Capacity	36.5	49	59	78	84
4	额定压力(MPa) Rated Pressure	3.82	4.8	4.3	4.6	3.82
5	额定蒸汽温度(°C) Rated Steam Temperature	450	470	480	450	450
6	给水温度(°C) Feed Water Temperature	104	104	104	104	104
7	炉膛形式 Furnace Forms	膜式壁 Membrane-Type Wall				
8	水循环方式 Water Circulation Mode	自然/强制 Natural/Forced				
9	蒸汽用途 Utilization of Steam	供热、制热、发电 Heating, Warming and Generating Electricity				

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

焦化余热锅炉

COKING WASTE HEAT BOILER

产品简介

BRIEF INTRODUCTION

焦化厂在炼焦生产中，产生大量550℃~950℃的炼焦废气。为了进一步回收炼焦废气，研制开发了适应于该行业的补燃型及非补燃型双（单）锅筒横置式自然循环水管锅炉两大系列。锅炉布置形式有传统卧式和新型立式两大种类。其中立式布置锅炉结构新颖、性能优良，为独家开发研制的一种新型专利炼焦废气余热锅炉。补燃型锅炉采用自动焦炉煤气燃烧机，焦炉煤气在余热锅炉内或炉外燃烧后再与炼焦废气混合成高温烟气进入锅炉换热产生额定蒸汽。

废气经凝渣管束、过热器、对流管束和钢管省煤器后排出炉外，进入尾部脱硫除尘装置，再经引风机由烟囱排入大气。凝渣管束由前墙水冷壁管拉稀而成；过热器采用水平悬吊式结构，分高温段和低温段，中间采用面式或喷水减温；对流管束采用顺列布置，中间采用折烟板多次折流以提高烟气流速并形成有效横向冲刷，极大地提高了对流管束的传热能力；省煤器采用蛇形钢管省煤器，横向冲刷错列布置；锅炉独有的膜式壁烟道隔墙，既增加了受热面，又提高了锅炉的密封性和安全性，同时使锅炉结构紧凑。

该新型专利炼焦废气余热锅炉，克服了以往卧式单烟道或多烟道余热锅炉的缺点，它能够将锅炉的各主要部件在功能不变的情况下相互有机的结合，集中布置受热面，极大简化了炉内结构，实现了部件的多功能化组合。

该新型专利炼焦废气余热锅炉，具有高效传热、两级炉内烟尘分离的功能，并以其结构紧凑新颖、成本低、占地面积小和高效、环保、节能等优点，优于国内行业水平。



技术参数

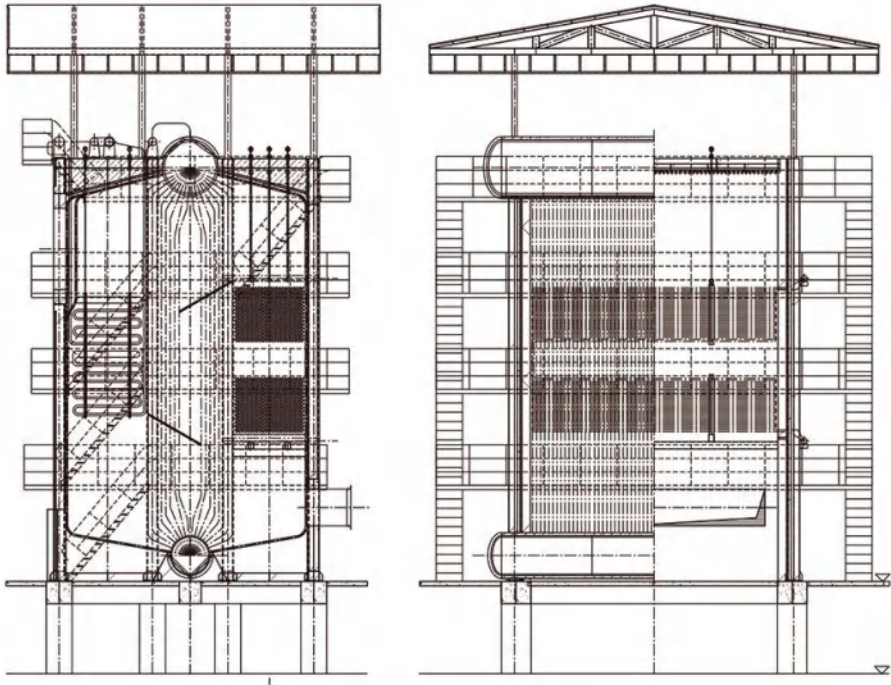
TECHNICAL PARAMETER

型号 Model	额定蒸发量 Rated Evaporation Capacity (t/h)	额定蒸汽压力 Rated Steam Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	设计燃料 Fuel Type
Q45/850-15-2.45/400	15	2.45	400	104	炼焦 烟气余热 Coking flue gas waste heat
QC170/650-35-3.82/450	35	3.82	450	104	
Q90/950-35-3.82/450	35	3.82	450	105	
BQ36/650-35-3.82/450	35	3.82	450	104	
BQ60/800-35-3.82/450	35	3.82	450	150	
Q158.7/700-35-3.82/450	35	3.82	450	104	
Q130/850-45-3.82/450	45	3.82	450	142	

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锅炉平面图

BOILER ICHNOGRAPHY



During the process of coking production, the coking plant will produce a lot of waste gas with the temperature of 550-950°C. For further recycle of the waste gas, our company developed two types of horizontal natural circulation water-tube type boiler of double(single) drum, namely, the boiler of supplemental combustion and the boiler without supplemental combustion. These two types of boiler are applicable to the coking industry. The layout of the boiler is classified into two types: the traditional, horizontal type and the new vertical type, among which the vertical layout of boiler has novel structure and advanced property. It is a new patent of waste heat boiler for the waste gas of coking exclusively developed by our company. The boiler with supplemental combustion utilizes the automatic coke oven gas burner. Firstly, the coke oven gas is burned inside or outside of the waste heat boiler, and then mixed with the waste gas of coking; it becomes the high flue gas and enters into the boiler to be converted into rated steam.

The waste gas is exhausted through the boiler slag tube bank, super-heater, convection tube bank and steel pipe coal economizer, enters into the desulfurizing and de-dusting installation at the bottom; and then it is exhausted to the atmosphere by the induced draft fan through the chimney. The solidified slag bank is dispersed from the water-wall tube. The structure of the super-heater is the horizontal suspension structure, with high temperature area and low temperature area. The super-heater is cooled by surface type of cooling or water. The convection bank adopts the in-line arrangement. In the middle of the convection bank, there is baffle wall through the multiple baffling. The convection bank can improve the velocity of the flue gas, thus forming the effective horizontal scouring and improving the heat transfer capacity of the convection bank. The coal economizer is the pipe coil bend economizer, adopts the transversal flow staggered layout. The unique membrane-type wall flue gas channel wall of the boiler can increase the heating surface, improve the seal and security of the boiler, as well as compact the structure of the boiler.

The new patent of waste heat boiler for the waste gas of coke has avoided the defects of the traditional horizontal waste heat boiler with one flue gas channel or multi flue gas channel. It can organically combine the various components of the boiler without the change of their functions, centralize the heating surface, simplify the structure in the boiler and achieve the multi-function composite of the various components.

This new patent of waste heat boiler for the waste gas of coke has the function of high efficiency heat transfer, two-level of soot separation in the boiler. It achieves the advanced level in China because of its compacted structure, novel structure, low cost, small floor area, environment protection and energy conservation. It is superior to the domestic industry level.

新力锅炉
XINLI BOILER
燃油气锅炉
OIL AND GAS FIRED BOILER



SZS

燃油气锅炉

SZS SERIES OIL AND GAS FIRED BOILER

产品简介

BRIEF INTRODUCTION



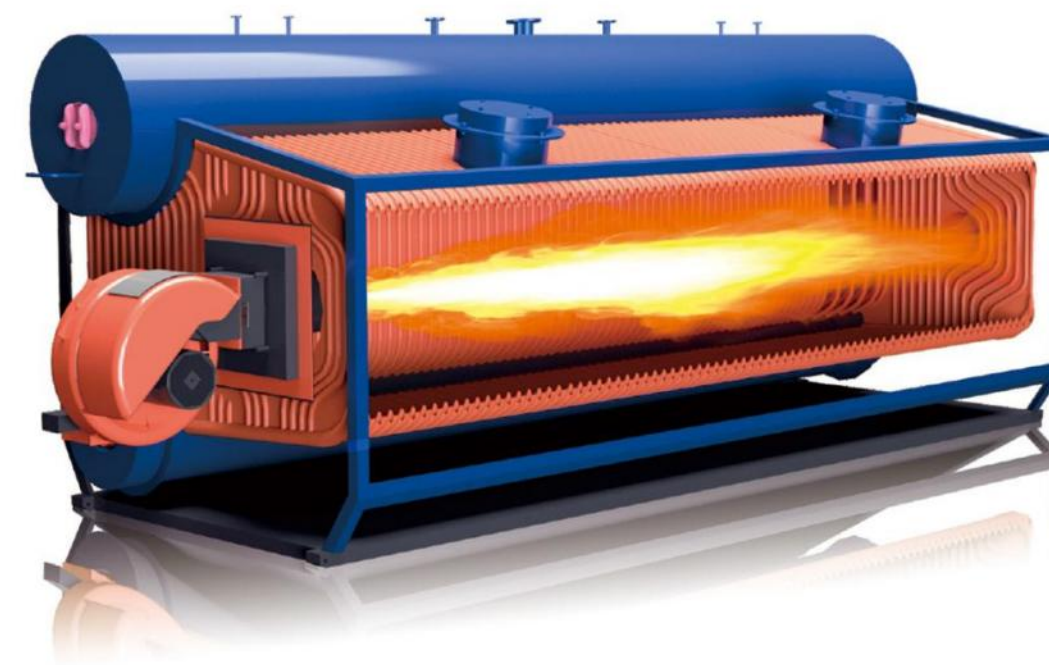
SZS天然气水管锅炉本体为双锅筒、纵置式、室燃D型布置结构，右侧为炉膛，左侧为对流管束，具有蒸汽质量高，处理组，效率高(97%)的特点。

炉膛水冷壁及对流烟道全部采用膜式壁结构，密封性好，热吸收率高，且有效降低耐火砖的使用及维修工作量。尾部布置有节能冷凝器，能有效降低排烟温度，锅炉热效率高。配置超低氮全自动燃烧机，使烟气有害污染物少，无噪音运行。

The structure of SZS series gas fired water tube boiler is arranged as drum longitudinal type "D" shape, the right side is furnace, the left side is convection bundle, has the characteristics of high steam quality, sufficient output, and high thermal efficiency (97%), etc. The structure of furnace water cooling wall and convection gas pass is membrane wall, have good sealability, and effectively reduce refractory brick quantity and maintenance workload. The layout of economizer at boiler tail could effectively reduces exhaust gas temperature and improve boiler thermal efficiency. The boiler could equipped with extra-low NOx emission burner, low pollution and operate quietly.

性能优势

PERFORMANCE ADVANTAGE



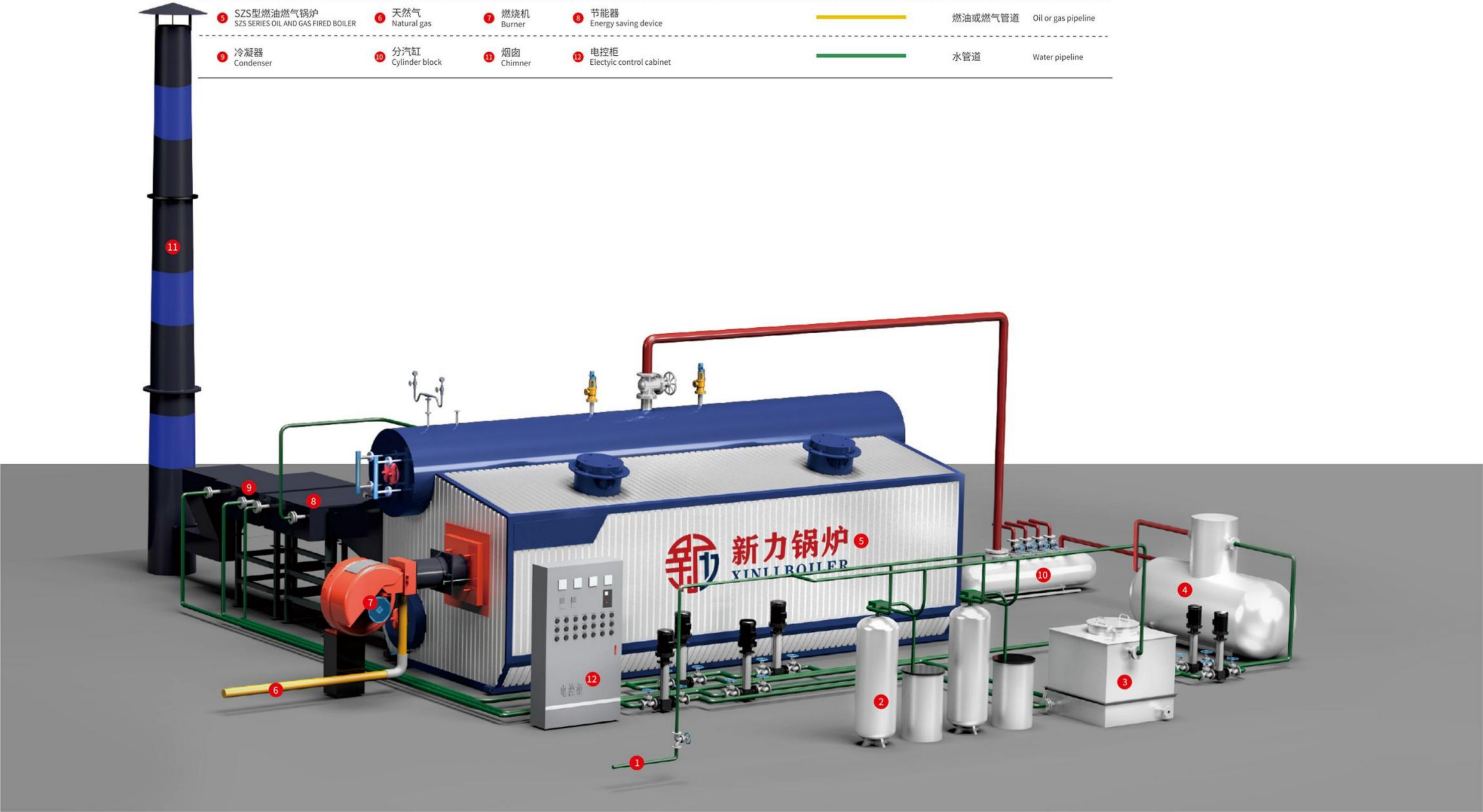
- 采用双锅筒“D”型布置，辐射受热面大，热效率高。
Adopts double drums and "D" type layout, large radiant heating surface, and achieves higher thermal efficiency.
- 炉体水冷壁和对流气路为膜式结构，具有良好的密封性能，有效地减少了耐火砖数量和维护工作量。
Uses membrane wall structure, has good sealability, could decrease the usage and maintenance load of insulation and refractory materials.
- 全自动燃烧器，具有点火控制程序，燃烧效率高，有害气体排放低，具有过压熄火保护功能。
Equipped with full automatic burner with ignition control program, high combustion efficiency, low harmful gas emission, has the protect function of over-pressure and flame-out.
- 锅炉外壳采用硅酸铝板保温，板厚约8cm，保温性能好。
The boiler shell use aluminium silicate board for heat preservation, the thickness of board is about 8cm, good insulation performance.
- 锅炉尾部省煤器布置能有效降低废气温度，提高锅炉热效率(约97%)。
The layout of economizer at boiler tail could effectively reduces exhaust gas temperature and improve boiler thermal efficiency (reach to about 97%).
- 炉顶设有两个防爆门，确保锅炉安全高效运行。
Equipped with two explosion door at the furnace roof, to ensure the boiler operate safety and efficiently.

锅炉系统图
BOILER SYSTEM

图例 LEGEND:

1 水源 Source of water	2 水处理 Water treatment	3 水箱 Water tank	4 除氧器 Deaerator	蒸汽管道 Steam pipeline
5 SZS型燃油燃气锅炉 SZS SERIES OIL AND GAS FIRED BOILER	6 天然气 Natural gas	7 燃烧机 Burner	8 节能器 Energy saving device	燃油或燃气管道 Oil or gas pipeline
9 冷凝器 Condenser	10 分汽缸 Cylinder block	11 烟囱 Chimner	12 电控柜 Electyic control cabinet	水管道 Water pipeline

图样列表 Pattern list





技术参数

TECHNICAL PARAMETER

型号 Model	额定蒸发量 Rated Evaporation Capacity (t/h)	额定压力 Rated Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	适用燃料 Available Fuel	热效率 Thermal Efficiency (%)	最大运输尺寸 Overall Dimension of Biggest Part for Transfortation (m)			最大运输重量 Weight of Biggest Part for Transporation (t)
							L	W	H	
SZS10-1.25/1.6/2.5/3.82	10	1.25/1.6/2.5/4.0	194/204/225/450	20/104	天然气、 沼气、 焦炉煤气、 轻油、 甲醇、 生物质柴油等。 Natural gas、 biogas、 cokegas、 lightoil、 methanol、etc	>99%	10.0	6.0	4.7	35
SZS15-1.25/1.6/2.5/3.82	15	1.25/1.6/2.5/4.0	194/204/225/450	20/104		>99%	9.3	5.8	4.7	38
SZS20-1.25/1.6/2.5/3.82	20	1.25/1.6/2.5/4.0	194/204/225/450	20/104		>99%	10.86	7.0	4.8	41
SZS25-1.25/1.6/2.5/3.82	25	1.25/1.6/2.5/4.0	194/204/225/450	20/104		>99%	10.86	7.0	4.85	60
SZS30-1.25/1.6/2.5/3.82	30	1.25/1.6/2.5/4.0	194/204/225/450	20/104		>99%	12.9	7.0	4.85	64
SZS35-1.25/1.6/2.5/3.82	35	1.25/1.6/2.5/4.0	194/204/225/450	20/104		>99%	12.9	7.0	4.85	68
SZS50-1.25/1.6/2.5/3.82	50	1.25/1.6/2.5/4.0	194/204/225/450	20/104		>99%	13.2	12.0	4.7	/

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

WNS

燃油气锅炉

WNS SERIES OIL AND GAS FIRED BOILER

产品简介

BRIEF INTRODUCTION



WNS系列燃油气蒸汽锅炉是一种全自动,安全高效的供热设备。此燃油气锅炉快装卧室内燃三回程火管锅炉,结构紧凑,体积小,负荷适应性强,对水质要求较低。本锅炉采用炉胆湿背结构,有耐高温,密封性良好,辐射热传面积大,传热效率高等特点。

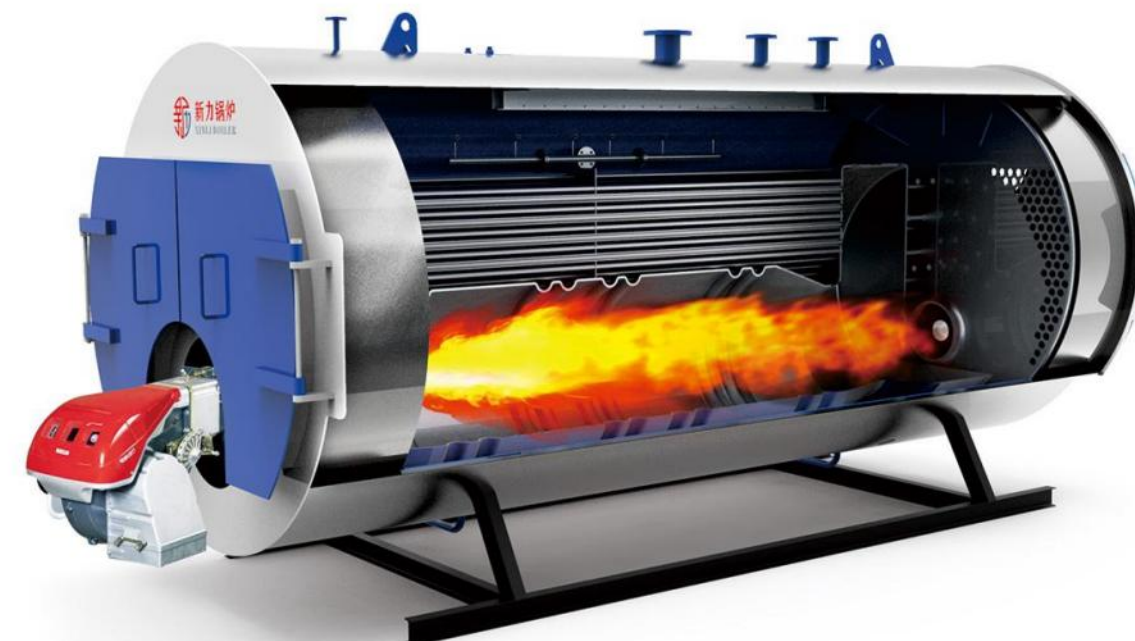
WNS系列锅炉被广泛应用于工业生产加工,如纺织行业,医药行业,食品饮料行业,化工行业,服装行业,造纸行业,木材行业等,也可用于企业,宾馆,医院,民用建筑的集中供暖。

WNS series gas oil steam fire tube boiler is a kind of safe and high efficiency heating equipment with full automatic control system. This series oil gas fired boiler is horizontal type fast assembly fire tube boiler with three pass structure, it has compact structure, small volume, strong load adaptability and low water quality requirement. This boiler adopts wet back structure, it can adapt to the high temperature, has a good sealing, increase the radiation heat transfer area and improve the heat transfer efficiency.

It is widely used for industry production and processing, such as textile mill, medicine industry, food & beverage industry, chemical industry, garment industry, food processing industry, and wood processing industry, moreover, it could be used for central heating in enterprise, hotel, hospital, civil architecture, etc.

性能优势

PERFORMANCE ADVANTAGE

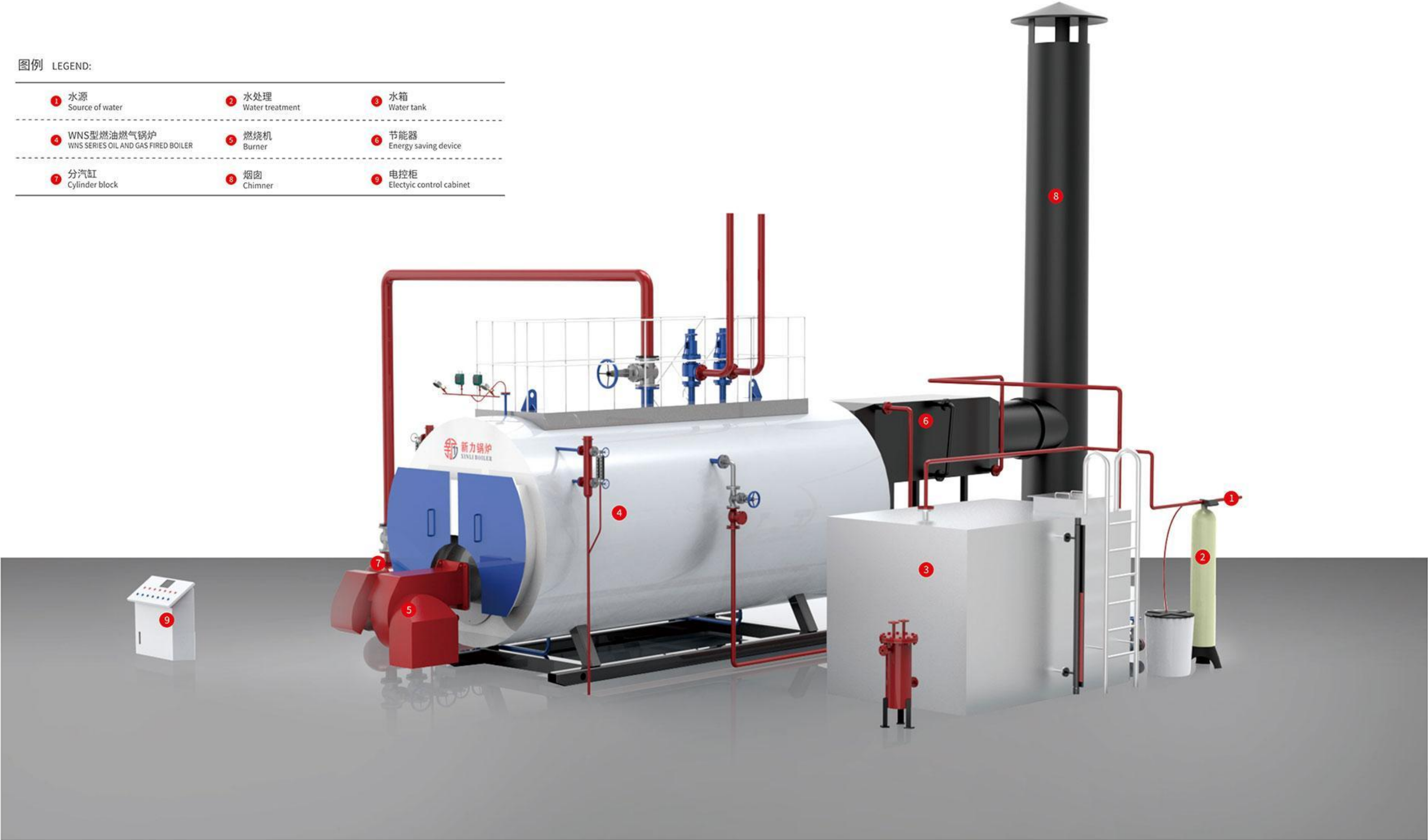


- 燃烧机采用优质可靠的国际名牌,使燃料完全燃烧,燃烧效率高,烟气有害污染物少,无噪音运行。
Equipped with high quality and reliable international brand burner, the fuel could burn sufficiently, high combustion efficiency, low harmful gas emission and noiseless operation.
- 卧式内燃三回程设计结构,大直径波纹炉胆,燃烧空间大,燃料燃烧完全,辐射受热面大,保证锅炉热效率高。
Adopts horizontal type three pass structure and large diameter corrugated furnace. Large combustion space, the fuel could burn sufficiently. The large radiant heating surface to ensure the high thermal efficiency.
- 烟箱采用双开门烟箱门,开启方便,多级迷宫式密封,密封材料特制,压缩性好,完全阻隔烟气泄露。
The smoke box is double door design, open conveniently. It uses multistage labyrinth seal technology, the seal material is special, has good compressibility, no smoke leakage.
- 锅炉后面板上设有与炉膛连通的防爆装置,防止燃料在炉膛中发生剧烈爆燃时,泄放瞬间产生的高能量,确保锅炉高效安全运行。
Equipped with explosion proof equipment at the back of boiler, prevent deflagration in furnace, discharge high energy, and automatic reset as well, to ensure the boiler operate safety and efficiently.
- 外壳采用硅酸铝板进行隔热,8公分厚度,隔热效率高,散热损失低,提高了锅炉热效率。
The boiler shell use aluminium silicate board for heat preservation, the thickness of board is 8cm, high thermal shielding efficiency but low heat loss, to increase the boiler thermal efficiency.
- 具有缺水,超压,超温,漏电,漏气,电机缺相及过载,熄火等保护功能,确保锅炉安全运行。
Has the protection function of water shortage, over pressure, over temperature, gas leakage, flame out, electric leakage, and phrase-lacking or overloading of motor, etc, to ensure boiler safe operation.

锅炉系统图
BOILER SYSTEM

图例 LEGEND:

1 水源 Source of water	2 水处理 Water treatment	3 水箱 Water tank
4 WNS型燃油燃气锅炉 WNS SERIES OIL AND GAS FIRED BOILER	5 燃烧机 Burner	6 节能器 Energy saving device
7 分汽缸 Cylinder block	8 烟囱 Chimney	9 电控柜 Electric control cabinet



技术参数

TECHNICAL PARAMETER

型号 Model	额定蒸发量 Rated Evaporation Capacity (t/h)	额定压力 Rated Pressure (MPa)	额定蒸汽温度 Rated Steam Temperature (°C)	给水温度 Feed Water Temperature (°C)	适用燃料 Available Fuel	热效率 Thermal Efficiency (%)	最大运输尺寸 Overall Dimension of Biggest Part for Transfortation (m)			最大运输重量 Weight of Biggest Part for Transporation (t)
							L	W	H	
WNS1-0.7/1.0-Y(Q)	1	0.7/1.0	170/184	20	天然气、 沼气、 焦炉煤气、 轻油、 甲醇、 生物质柴油等。 Natural gas、 biogas、 cokegas 、 lightoil 、 methanol 、etc	>99%	3.6	2.0	2.0	4
WNS1.5-1.0/1.25/1.6-Y(Q)	1.5	1.0/1.25/1.6	184/194/204	20		>99%	3.8	2.0	2.0	4.5
WNS2-1.0/1.25/1.6-Y(Q)	2	1.0/1.25/1.6	184/194/204	20		>99%	4.86	2.5	2.46	8.5
WNS3-1.0/1.25/1.6-Y(Q)	3	1.0/1.25/1.6	184/194/204	20		>99%	5.3	2.5	2.5	9
WNS4-1.0/1.25/1.6-Y(Q)	4	1.0/1.25/1.6	184/194/204	20		>99%	5.09	2.72	2.68	13.5
WNS5-1.0/1.25/1.6-Y(Q)	5	1.0/1.25/1.6	184/194/204	20		>99%	6.3	2.9	2.8	15
WNS6-1.0/1.25/1.6-Y(Q)	6	1.0/1.25/1.6	184/194/204	20		>99%	5.71	3.16	3.09	20
WNS8-1.0/1.25/1.6-Y(Q)	8	1.0/1.25/1.6	184/194/204	20		>99%	6.55	3.2	3.42	26
WNS10-1.0/1.25/1.6-Y(Q)	10	1.0/1.25/1.6	184/194/204	20		>99%	6.55	3.2	3.42	30
WNS15-1.0/1.25/1.6-Y(Q)	15	1.0/1.25/1.6	184/194/204	20		>99%	8.73	3.74	3.51	35
WNS20-1.0/1.25/1.6-Y(Q)	20	1.0/1.25/1.6	184/194/204	20		>99%	10	3.6	4.0	46

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

新力锅炉
XINLI BOILER
导热油锅炉
THERMAL OIL BOILER



YLW(W)

导热油锅炉

YLW(W) SERIES THERMAL OIL BOILER

产品简介

BRIEF INTRODUCTION



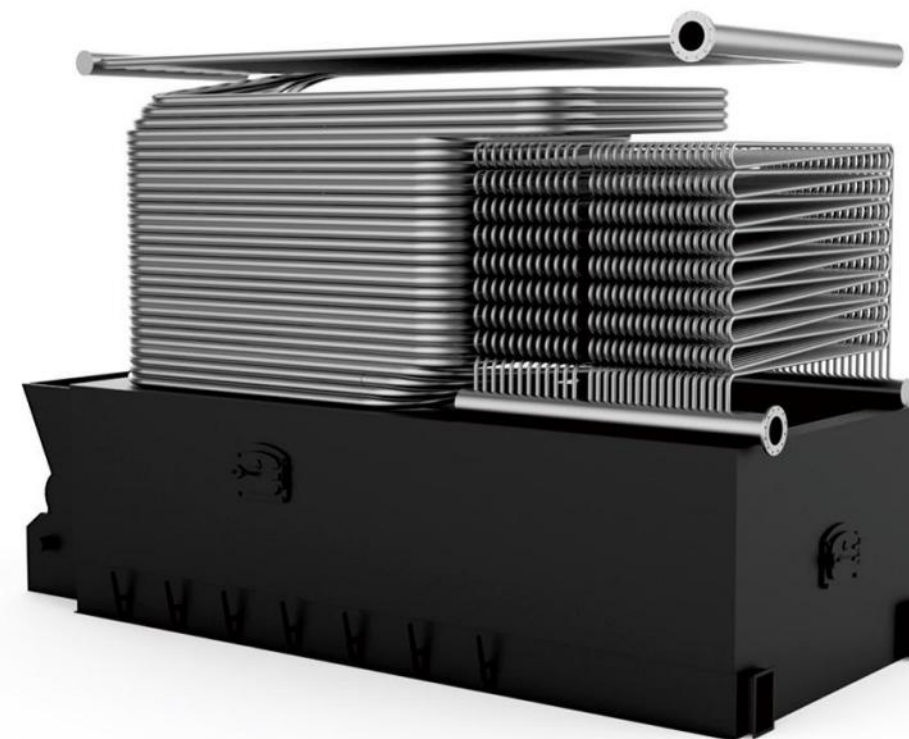
YLW系列有机热载体炉是一种新型的供热设备，以煤、生物质为燃料及烟道气为热源，以导热油为热载体通过循环油泵强制热载体液相循环，将热量输送给用热设备后，再返回加热炉重新加热的高温、低压、节能设备，供热温度可达350℃，而一般在工作压力1.0MPa以下，因为工作在液相状态，安全可靠。

有机热载体炉可代替蒸汽锅炉来加热，提高生产率。新力有机热载体炉广泛应用于石油化学工业，油脂工业，合成纤维工业，纺织印染工业，塑料橡胶工业，造纸工业，木材工业，建材工业，机械工业，食品工业，电器设备工业，炼焦工业，洗涤剂工业，脂肪和油漆工业，碳素工业等。

YLW series thermal oil boiler is a kind of new type heating equipment, the fuel could be coal, biomass or flue gas, the heat carrier is heat conduction oil, the circulating pump force heat transfer medium circulating in liquid phase, and transfer heat to heat user equipment, then return to the heating furnace for reheating. It is an safe and low energy consumption boiler with working characteristics of low pressure (1.0 MPa) and high temperature (350℃). The boiler medium is working under liquid state, so it is safe and reliable. Thermal oil boiler could instead steam boiler for industrial production, to improve productivity. Xinli thermal oil boilers are widely used for petroleum chemical industry, Oleochemical industry, Synthetic fiber industry, textile printing and dyeing industry, plastic and rubber industry, paper industry, wood industry, building materials industry, machinery industry, food industry, electrical equipment industry, coking industry, etc.

性能优势

PERFORMANCE ADVANTAGE



- 燃料适应性强。燃烧设备与炉体分开设计，可根据固体燃料的不同性质单独设计炉膛。
Strong adaptability of different fuels. The combustion equipment and the upper furnace is separately, the furnace could be designed individually according to the different solid fuel characteristics.
- 配置全自动链条炉排，节约劳动成本。
Equipped with full automatic chain grate, save labor cost.
- 锅炉燃烧室由链条炉排及前后拱组成，链条炉排及前后拱，燃料燃烧空间足，燃烧完全，热效率高。
The combustion chamber is composed of chain grate and back&front arch, large combustion space, the fuel could combust completely, has high efficiency.
- 受热面布置合理，面积大，传热效果好，效率高，出力稳定。
Reasonable arrangement of heating surface, large heating area and good heat transfer efficiency, achieve high efficiency and enough output.
- 辐射段采用方形管制成，对流段采用蛇形管制成，受热面管子的热膨胀性能好，应力低，安全可靠。
Radiation section adopts square coil, the convection section coil adopts serpentine coil, the coil at radiation surface has good thermal expansion, low stress, safe and reliable.
- 温度调节精确可靠，配有完整的运行控制和安全监测装置，自动化程度高，工人劳动强度低。
Temperature control precise and reliable. The boiler is equipped with a complete operating control and safety monitoring device, a high degree of automation, labor intensity is low.
- 节能降耗，与蒸汽供热相比可节能1至1.5倍，与电加热相比可节能0.8至1.3倍，节约运行成本明显。
Saving energy and reducing consumption, compared with the steam heating it can save energy 1 to 1.5 times, compared with the electric heating energy saving 0.8 to 1.3 times, saving operating cost obviously.

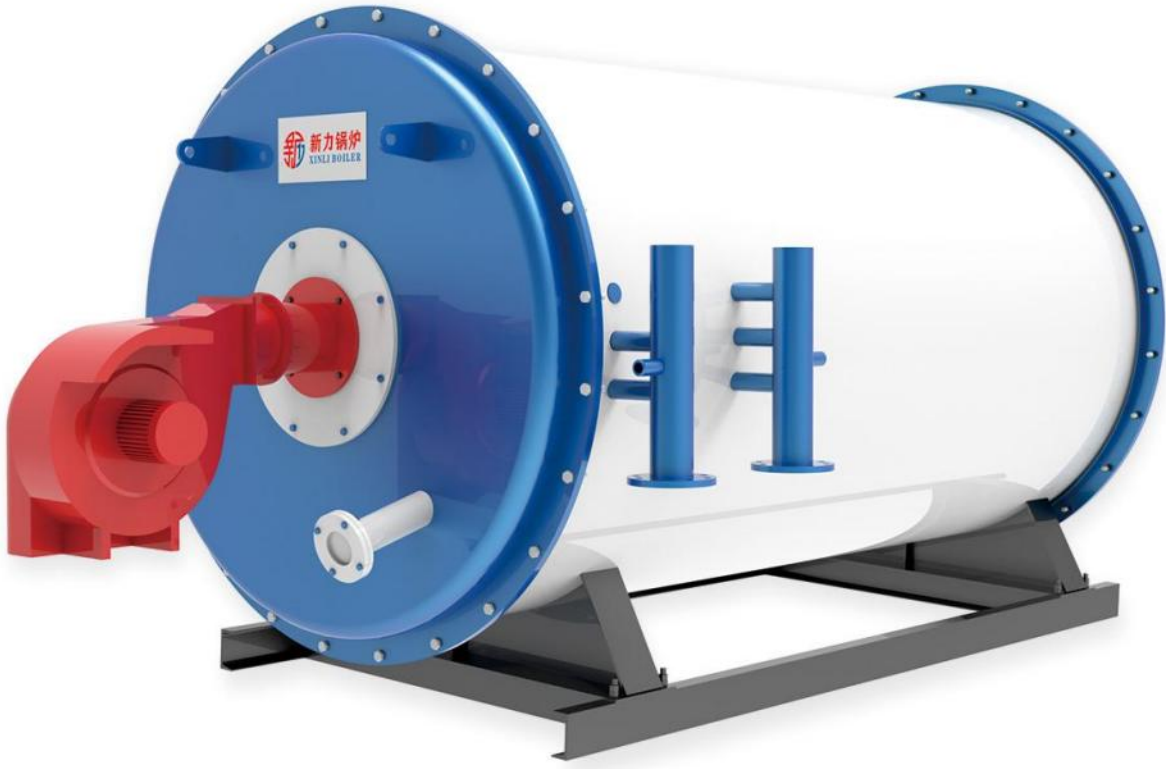
技术参数
TECHNICAL PARAMETER

型号 Model	额定热功率 Rated Thermal Power (KW)	设计压力 Design Pressure (Mpa)	最高工作温度 Highest Working Temperature (°C)	热效率 Thermal Efficiency (%)	最大运输尺寸 Overall Dimension of Biggest Part for Transfortation (m)	最大运输重量 Weight of Biggest Part for Transporation (t)
YLW-1400MA	1400	1.1	<350	75	4.12×1.9×2.9	14
YLW-1800MA	1800	1.1	<350	75	4.4×2.4×3	20
YLW-2400MA	2400	1.1	<350	78	5.6×2.48×3.24	25
YLW-3000MA	3000	1.1	<350	78	6×2.65×3.24	30
YLW-3500MA	3500	1.1	<350	78	6.4×2.77×3.47	35
YLW-4200MA	4200	1.1	<350	78	6.9×2.82×3.47	40
YLW-4700MA	4700	1.1	<350	78	7.68×2.98×3.71	44
YLW-6000MA	6000	1.1	<350	78	7.9×3.2×3.47	48
YLW-7000MA	7000	1.1	<350	81	8.4×3.3×3.47	50
YLW-10000MA	10000	1.1	<350	81	9.2×3.3×3.55	70
YLW-12000MA	12000	1.1	<350	85	1.26×3.82×3.63	142

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

YYQW
导热油锅炉
YYQW SERIES THERMAL OIL BOILER

产品简介
BRIEF INTRODUCTION



YY(Q)W系列有机热载体炉是一种新型的供热设备，以油、气为燃料及烟道气为热源，以导热油为热载体,通过循环油泵强制热载体液相循环,将热量输送给用热设备后,再返回加热炉重新加热的高温、低压、节能设备,供热温度可达350℃,而一般在工作压力1.0MPa以下,因为工作在液相状态,安全可靠。

有机热载体炉可代替蒸汽锅炉来加热，提高生产率。新力有机热载体炉广泛应用于石油化学工业，油脂工业，合成纤维工业，纺织印染工业，塑料橡胶工业，造纸工业，木材工业，建材工业，机械工业，食品工业，电器设备工业，炼焦工业等。

YY(Q)W series thermal oil boiler is a kind of new type heating equipment, the fuel could be oil, gas, or flue gas, the heat carrier is heat conduction oil, the circulating pump force heat transfer medium circulating in liquid phrase, and transfer heat to heat user equipment, then return to the heating furnace for reheating. It is an safe and low energy consumption boiler with working characteristics of low pressure (1.0 MPa) and high temperature (350°C).The boiler medium is working under liquid state, so it is safe and reliable. Thermal oil boiler could instead steam boiler for industrial production, to improve productivity. Xinli thermal oil boilers are widely used for petroleum chemical industry, Oleochemical industry, Synthetic fiber industry, textiel printing and dyeing industry, plastic and rubber industry, paper industry, wood industry, building materials industry, machinery industry, food indstry, electrical equipment industry, coking industry, etc

性能优势
PERFORMANCE ADVANTAGE



- 锅炉燃烧室由大直径盘管组成，燃料燃烧空间足，燃烧完全，热效率高。
The combustion chamber is consisted of large diameter coil, large combustion space, the fuel could burn sufficiently, high combustion efficiency.
- 炉体内、外螺旋盘管采用多头、小管径钢管制成，盘管的热膨胀性能好、应力低、安全可靠。
The spiral coil is made of small diameter multi-head steel tubes, good thermal expansibility, low stress, safe and reliable.
- 受热面布置合理，面积大、传热效果好，效率高，出力稳定、充足。
The heating surface is reasonably arranged, large heating area, good heat transfer, high thermal efficiency and stable output.
- 炉体尾部设有与炉膛连通的防爆装置，泄放燃料在炉膛中发生剧烈爆燃时，瞬间产生的高能量，能自动复位，同时具有观火视镜和检修通道的功能作用，利用运行中燃烧火焰的调整，炉膛检查、维护方便。
Equipped with explosion proof equipment at the back of boiler, prevent deflagration in furnace, discharge high energy, to ensure the boiler operate safety and efficiently.
- 炉盖采用整体结构，多级迷宫式密封，密封工艺和材料特制，压缩性好，完全阻隔烟气的泄漏。
The furnace cover is integral structure, multi-stage labyrinth seal, use special sealing process and material, has good compressibility, flue gas will not leakage.
- 出油温度控制精确，介质温度、压力及超烟温设置多重控制保护。锅炉控制器采用西门子/德力西电气元件，性能可靠。
The output oil temperature could be controlled precised, has the protection function of over pressure and over temperature. The electrical apparatus element of controller use the brand of Semines/Delixi, safe and reliable.

技术参数
TECHNICAL PARAMETER

型号 Model	额定热功率 Rated Thermal Power (KW)	设计压力 Design pressure (Mpa)	介质出口温度 Medium Outlet Temperature (°C)	热效率 Thermal Efficiency (%)	最大运输尺寸 Overall Dimension of Biggest Part for Transfortation (m)	最大运输重量 Weight of Biggest Part for Transporation (t)
YY(Q)W-120Y(Q)	120	1.1	≤350	75	1.6×1.02×1.52	1.5
YY(Q)W-240Y(Q)	240	1.1	≤350	78	1.93×1.23×1.87	2
YY(Q)W-240Y(Q)	350	1.1	≤350	80	2.1×1.39×2.1	2.58
YY(Q)W-500Y(Q)	500	1.1	≤350	80	2.2×1.39×2.1	3
YY(Q)W-700Y(Q)	700	1.1	≤350	81	3.24×1.47×2.26	3.7
YY(Q)W-1000Y(Q)	1000	1.1	≤350	85	3.3×1.67×2.49	5
YY(Q)W-1200Y(Q)	1200	1.1	≤350	85	3.83×1.77×2.58	5.8
YY(Q)W-2100Y(Q)	2100	1.1	≤350	85	5.02×2.05×3.08	15.5
YY(Q)W-2400Y(Q)	2400	1.1	≤350	85	5.08×2.2×3.18	9.8
YY(Q)W-3000Y(Q)	3000	1.1	≤350	85	5.98×2.42×3.4	15.5
YY(Q)W-3500Y(Q)	3500	1.1	≤350	85	6.55×2.47×3.63	17.8
YY(Q)W-4700Y(Q)	4700	1.1	≤350	85	7.28×2.57×3.76	21.5
YY(Q)W-6000 Y(Q)	6000	1.1	≤350	85	7.8×3.05×3.8	25
YY(Q)W-7000 Y(Q)	7000	1.1	≤350	85	8.2×3.05×3.8	27.5
YY(Q)W-10000 Y(Q)	10000	1.1	≤350	85	10×3.5×4	32

注：参数仅供参考，如有更改应按实际图纸执行 Note: Parameter is for reference only, if any changes should follow actual drawings.

新力锅炉
XINLI BOILER
客户现场
CUSTOMER SITE



