



联系人：谢总 电话：16639056661



河南省恒达锅炉制造有限公司
HENAN HENGDA BOILER MANUFACTURING CO.,LTD
地址：河南省太康县符草楼工业区

河南省恒达锅炉制造有限公司
HENAN HENGDA BOILER MANUFACTURING CO.,LTD

诚信/优质/节能/环保

公司简介

COMPANY
PROFILE

河南省恒达锅炉制造有限公司(原河南省恒达锅炉厂)是国家定点B级锅炉、DI DII类压力容器制造的省级企业,集设计、制造、销售、安装为一体,位于豫东平原全国最大的锅炉生产基地河南太康,东临商周高速,北临许亳高速,311国道贯穿厂区,交通便利。公司从国外引进先进技术,汇集国内厂家精髓,结合公司实际和市场需求,设计生产了循环流化床锅炉、半煤气环保型蒸汽锅炉、立卧式以煤、油、气、电、生物质为燃料的蒸汽锅炉、真空锅炉、有机热载体炉、热水锅炉、高中低温热风炉、电脑锅炉等16个系列的160余种型号规格产品,形成了辐射全国的强大销售市场和售后服务网络,并远销俄罗斯、新西兰、越南等国,获得了良好的社会口碑。公司通过了ISO9001-2000质量管理体系认证,获得了河南省守合同重信用企业,河南省著名商标企业,河南省环保产品推荐企业,河南省质量管理先进企业,河南省重点保护企业。

公司坚持“质量第一,诚实守信”的经营理念,凭借先进的制造工艺及管理、一流的制造与检测设备、有效的质量保证体系和完善的售后服务,竭诚与广大用户全力合作,携手共铸“恒达”辉煌。

Hennan hengda boiler manufacturing co. Ltd.(formerly henan hengda boiler factory) is a national fixed-point B boiler,DI DII class pressure vessel manufacture of provincial enterprises, set design, manufacture, sale installation as a whole, is located in the eastern plain of the country's largest production base of boiler-minzhu, henan shangzhou high speed in the east, xu here in the north high speed, 311 national road runs through the factory, the transportation is convenient.

Companies introduce advanced technology from abroad domestic manufacturer essence, combining the reality of the company and the market demand, design and production of circulating fluidized bed boiler, and coal Gas environmental protection steam boiler, vertical to coal, oil, gas, electricity and biomass to fuel steam boiler. vacuum boiler, organic heat carrier furnace, hot water boiler, High temperature hot blast stove. boiler and other 16 series of more than 160 kinds of specifications products, formed a powerful radiation national sales and after sales service network, And exported to Russia, New Zealand, Vietnam and other countries, won a good social reputation. Company has passed ISO9001 - 2000 quality management system certification, obtained China credit enterprise of henan province. henan province, famous brand enterprises in henan province environmental protection product recommend enterprises.quality management advanced enterprises in henan province, henan province some protection enterprise.

Companies adhere to the " quality first, honest and trustworthy" business philosophy. relying on advanced manufacturing technology and management, the first- class manufacturing and testing equipment. and effective quality assurance system and perfect after-sales service, users cooperate fully with the general form. hand in hand "hengda "rilliant.



资质证书 QUALIFICATION CERTIFICATE

统一社会信用代码 9141160066722335X4

河南省恒达锅炉制造有限公司 (一人独资)

法定代表人 许红

经营范围 B 级锅炉, D1、D2 压力容器制造: 销售、热力服务、安装、改造、维修、租赁: 锅炉: 自营出口本厂产品。涉及许可经营项目, 应取得相应许可后方可经营。

注册资本 伍仟万圆整

成立日期 2007年10月12日

营业期限 2007年10月12日至2026年10月11日

住所 太康县符草楼工业区

登记机关 2019年05月16日

国家市场监督管理总局监制

中华人民共和国特种设备生产许可证

编号: TS2141010-2024

单位名称: 河南省恒达锅炉制造有限公司

地址: 河南省周口市太康县符草楼镇开发区 88 号

生产地址: 河南省周口市太康县符草楼镇开发区 88 号

经审查, 获准从事以下特种设备生产活动:

许可项目	许可子项目	许可参数	备注
锅炉制造	锅炉 KBO	额定出口压力小于等于 2.5MPa 的蒸汽和热水锅炉; 有机热载体锅炉	/

发证机关: 河南省市场监督管理局

有效期: 2020 年 9 月 18 日至 2024 年 3 月 17 日

中华人民共和国特种设备制造许可证

编号: T2241120

单位名称: 河南省恒达锅炉制造有限公司

地址: 河南省周口市太康县符草楼镇开发区 88 号

经审查, 获准从事下列压力容器的制造:

类别	品种范围	备注
D2	第三类压力容器	换热容器、分离容器
D1	第一类压力容器	老塔容器、世不塔制

发证机关: 河南省市场监督管理局

有效期: 2019 年 5 月 22 日至 2023 年 5 月 21 日

中国节能产品认证证书

证书编号: CQC1701060016

申请人名称及地址: 河南省恒达锅炉制造有限公司

品牌: 恒达

制造商名称及地址: 河南省恒达锅炉制造有限公司

生产单位名称及地址: 河南省恒达锅炉制造有限公司

产品名称: 燃油燃气锅炉

系列/规格/型号: WNS1000A-1.25/110

认证模式: 产品型式试验+初始工厂检查+获证后监督

产品标准/技术规范: GB 21908-2008 燃油燃气锅炉安全技术监察规程

发证日期: 2019 年 5 月 22 日

证书有效期内获证产品的能效等级应符合获证时的要求。

中国质量认证中心

实用新型专利证书

专利号: ZL201911030866.9

发明人: 许红

专利权人: 河南省恒达锅炉制造有限公司

专利名称: 一种锅炉炉膛内烟气余热回收装置

授权公告日: 2020 年 12 月 16 日

“中雨”

认证证书

河南省恒达锅炉制造有限公司

ISO 14001:2004

环境管理体系认证

认证范围: 锅炉制造、销售、安装、改造、维修、租赁

认证机构: 方圆认证集团

认证证书

河南省恒达锅炉制造有限公司

ISO 9001:2008

质量管理体系认证

认证范围: 锅炉制造、销售、安装、改造、维修、租赁

认证机构: 方圆认证集团

荣誉证书

河南省恒达锅炉制造有限公司

经审核, 你单位生产的恒达锅炉系列产品, 荣获

中国优质锅炉放心产品

中国锅炉工业协会

河南省著名商标证书

河南省恒达锅炉制造有限公司注册的

中豫恒达牌商标, 核定使用商品为

锅炉

被认定为

河南省著名商标。(有效期三年)

河南省工商行政管理局

二〇一八年十二月十五日

中国农业银行河南省分行

AAA 级信用企业

有效期至 2020 年 5 月 31 日

质量全面达标企业

中华人民共和国农业农村部

二〇一七年十月

河南省优秀民营企业

HENAN PROVINCE OUTSTANDING PRIVATE ENTERPRISES

中共河南省委 河南省人民政府

二〇一七年五月

高新技术企业

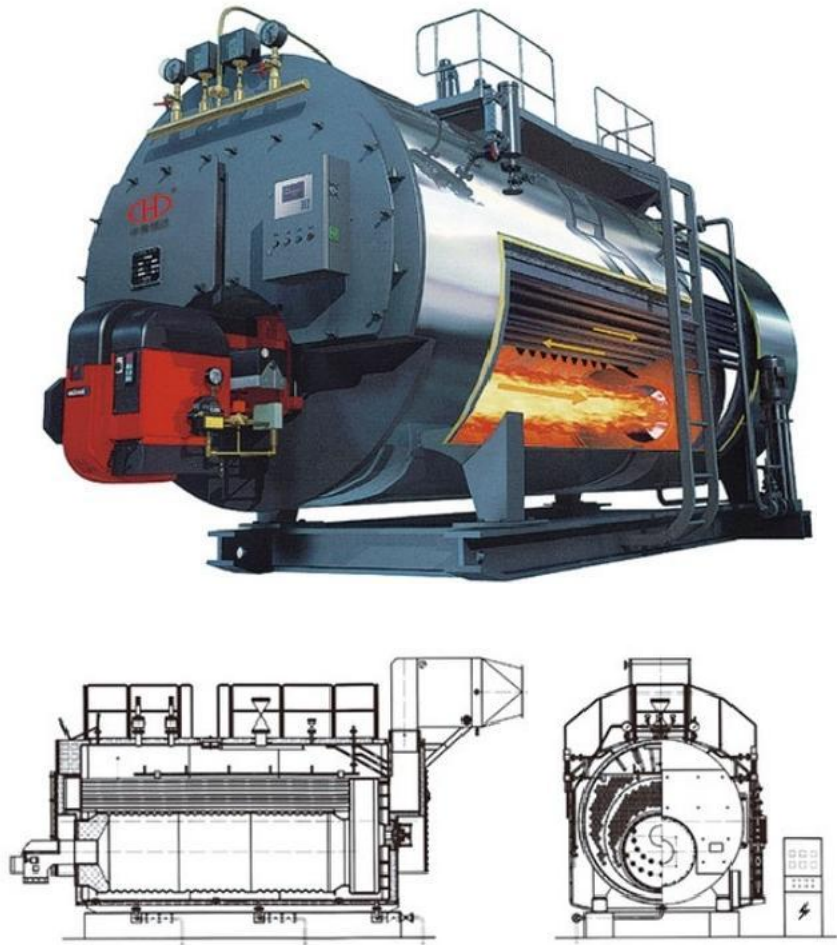
河南省恒达锅炉制造有限公司

河南省科技厅

二〇二〇年十月一日

WNSThree Return Series Steam Boiler

WNS 三回程系列蒸汽锅炉



锅炉特点characteristics

- ◆独特的大燃烧室结构设计，三回程全湿背结构，保持超强辐射换热能力的同时，实现低温燃烧，提高了锅炉的热效率，减少了NOX 的排放，高效环保；
- ◆采用螺纹烟管，增加了传热效果，提高锅炉热效率；
- ◆锅炉前后烟箱采用多级密封方式，不会漏烟；
- ◆具有较大的蒸汽空间，蒸汽品质好；
- ◆水位、蒸汽压力、排烟温度等多重保护，安全可靠；
- ◆高效保温材料，确保锅炉表面温度低；
- ◆配套专利产品锅炉节能器，节约燃料费用5-15%，将锅炉升级为冷凝锅炉；
- ◆设置多点排污，使锅炉受热面更加干净。

- ◆ Unique design of structure of big combustion chamber; 3-stroke all wet-back structure; super radiation heat-exchange and low-temperature burning to improve thermal efficiency, reduce NOX emission and protect environment;
- ◆ Adoption of thread smoke tube improves heat transmission and thermal efficiency;
- ◆ Multiple-sealing of front and back smoke boxes prevent smoke leakage
- ◆ Large steam space leads to better steam quality;
- ◆ Multiple measures like protection of water level, steam pressure and smoke-discharging temperature make boilers same and reliable;
- ◆ Efficient thermal protection materials ensure low boiler surface temperature;
- ◆ Boiler energy-saver of Jinyutai Company saves fuel cost by 5- 15% ;
- ◆ Upgrading the boilers to Condensation ones;
- ◆ Multiple-point pollutant discharging makes the heating surface of the boilers cleaner.

性能参数表

Perfomance parameters table

型号Type		WNS0.3	WNS0.5	WNS0.7	WNS1	WNS2	WNS3	WNS4	WNS5	WNS6	WNS8	WNS10	WNS12	WNS15	WNS20	
项目Item																
幅之来发量 Rated Capacity	th	0.3	0.5	0.7	1	2	3	4	5	6	8	10	12	15	20	
额定蒸汽压力 Rated Steam Pressure	Mpa	0.7	0.7	1.0	1.25	1.0/1, 25				1.6	1.25/1.6					
额定蒸汽温度 Rated Steam Temperature	℃	170	193	184	193204225											
给水温度 Goed-water Temperature	℃	20														
传热面积 Heat Transmission Area	m²	10.3	15	18	25	57	82	103	128	154	208	268	308	390	516	
适用燃料 Applicable Fuel		轻油 重油 气体燃料														
燃料耗量 Fuel Consumption	重油 Heavy Oil	kg/h	20	34	46	66	122.5	189	258	319	370	485	609	730	915	1220
	轻油 Light Oil	kg/h	18	32	42	61	120	184	243	300	354	472	580	707	849	1157
	天然气 Natural Gas	Nm/h	21	40	50	72	158	225	313	375	452	627	770	926	1027	1330
	城市煤气 Urban Coal Gas	Nm/h	48	74	103	148	295	144	592	740	868	1185	1465	1758	2200	3073
等供 跳气 压力	天然气 Natural Gas	mbar	20-40	30-100	30-80	50-100	50-100	50-200	100-200	100-200	100-200	150-300	00-300	150-300	150-300	150-300
	市煤气 Urban Coal Gas	mbar	20-40	50-100	30-80	70-100	70-200	70-200	00-200	100-200	100-200	100-300	100-300	150-300	50-300	50-300
设备总 耗电 功率	燃重油 Heavy Oi	kw				7.1	19.4	21.7	26.2	27.7	41.9	57.4	58.4	86.5	118.5	
	燃轻油 Light Oil	kw	0.5	1.86	2	2.6	6.2	8.5	13.0	14.5	19.5					
	燃气 Gas	kw	1.5	2.05	2.3	2.5	6.2	10.5	13	17.5	19.5	21.5	32	32	51	77
锅炉最大运输重量 Max. Transportation Weight of Boiler		t	1.9	2.5	3.5	5.5	7.6	9.9	11.7	13.7	15.9	18	25.4	27.2	40	45.5
锅炉满水容积 Full Water Capacity of Boiler		m³	0.8	1.8	2.0	3.1	5.1	5.6	6.3	10.4	8.9	12.8	18.8	22.8	24.2	34.1
锡护外形尺寸 External Dimensions of Boiler		长mm	2470	2950	3300	3650	4650	4650	4800	6000	6300	6500	7400	8870	8700	10000
		宽mm	1330	1570	1620	1950	2100	2200	2300	2600	2700	2950	3730	3730	4100	4500
		高mm	1500	1820	1950	2200	2450	2650	2800	2900	2900	3100	3530	4500	3800	5600

注：1、表中燃料耗量是以轻油低位发热值42700KJ/kg、 重油低位发热值40350KJ/kg, 天然气低位发热值35588KJ/Nm³、城市煤气低位发热值16750KJ/Nm³ 计算的。

2、电源：三相380V 50HZ。

Notes:

1. Fuel consumptions in the table are counted with 42700KJ/kg as the low heat value for light oil, 40350KJ/kg as that for heavy oil, 35588KJ/ Nm³as that for natural gas and 16750KJ/ Nm³ as that for coal gas.

2.Power supply: 380V,50HZ.

★ 因技术革新变更参数，恕不另行通知，以图纸尺寸为准。
★ To end because of the change of technological innovation and parameters, without prior notice, the drawing size shall prevail.

WNS Ranqiranyou qiaozhuang zhengqi guolu

WNS 系列燃气燃油撬装蒸汽锅炉



锅炉特点 Characteristics

- 1、可由用户根据现场特点确定撬装设备；
- 2、拆迁、运输方便，便于流动；
- 3、适用长、短期运行，更能降低短期运行或无法投产前的投资风险；
- 4、节约占地面积，减少锅炉房投资；
- 5、免安装，节省安装费用；
- 6、可在室内外使用，可车载运行。

1. The user can determine the skid mounted equipment according to the site characteristics;
- 2.It is convenient for demolition, transportation and flow;
3. It is suitable for long-term and short-term operation, and can reduce the investment risk before short-term operation or failure to put into production;
4. Save the floor area and reduce the investment of boiler house;
5. Installation free, saving installation cost;
6. It can be used indoors and outdoors, and can be operated on vehicle.



性能参数表

Perfomance parameters table

型号Type		WNS0.3	WNS0.5	WNS0.7	WNS1	WNS2	WNS3	WNS4	WNS5	WNS6	WNS8	WNS10	WNS12	WNS15	WNS20	
项目Item																
额定蒸发量 Rated Capacity	th	0.3	0.5	0.7	1	2	3	4	5	6	8	10	12	15	20	
额定蒸汽压力 Rated Steam Pressure	Mpa	0.7	1.0	1.25		1.0/1.25			1.6		1.25/1.6					
额定蒸汽温度 Rated Steam Temperature	℃	170	193	184	193/204/225											
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供气压力 Supply Pressure	天然气 Natural Gas	mbar	20-40	30-100	30-80	50-100	50-100	50-200	100-200	100-200	100-200	150-300	100-300	150-300	150-300	150-300
	城市煤气 Urban Coal Gas	mbar	20-40	50-100	30-80	70-100	70-200	70-200	00-200	100-200	100-200	100-300	100-300	150-300	50-300	150-300
设备总功率 Total Power	燃重油 Heavy Oil	kw				7.1	19.4	21.7	26.2	27.7	41.9	57.4	58.4	86.5	118.5	
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	燃气 Gas	kw	1.5	2.05	2.3	2.5	6.2	10.5	13	17.5	19.5	21.5	32	32	51	77
锅炉最大运输重量 Max. Transportation Weight of Boiler		t	1.9	2.5	3.5	5.5	7.6	9.9	11.7	13.7	15.9	18	25.4	27.2	40	45.5
锅炉满水容积 Full Water Capacity of Boiler		m³	0.8	1.8	2.0	3.1	5.1	5.6	6.3	10.4	8.9	12.8	18.8	22.8	24.2	34.1
炉外 形尺寸 External Dimensions of Boiler		长mm	2470	2950	3300	3650	4650	4650	4800	6000	6300	6500	7400	8870	8700	10000
		宽mm	1330	1570	1620	1950	2100	2200	2300	2600	2700	2950	3730	3730	4100	4500
		高mm	1500	1820	1950	2200	2450	2650	2800	2900	2900	3100	3530	4500	3800	5600

注：1、表中燃料耗量是以轻油低位发热值42700KJ/kg、重油低位发热值40350KJ/kg, 天然气低位发热值35588KJ/Nm³、城市煤气低位发热值16750KJ/Nm³ 计算的。

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Notes

1. Fuel consumptions in the table are counted with 42700KJ/kg as the low heat value for light oil, 40350KJ/kg as that for heavy oil, 35588KJ/ Nm³ as that for natural gas and 16750KJ/ Nm³ as that for coal gas.

2.Power supply: 380V,50HZ.

★因技术革新变更参数，恕不另行通知，以图纸尺寸为准。

★ To end because of the change of technological innovation and parameters, without prior notice, the drawing size shall prevail.

Atmospheric Pressure Hot Water Boiler Automatic Fuel Oil(Gas)

全自动燃油(气)常压热水锅炉



锅炉特点Characteristics

1. 该锅炉占地面积小. 操作简单, 具有国际上先进独特的设计, 保证锅炉安全可靠、经济高效。锅炉烟管内置有扰流片, 大大加强了传热效果, 传热系数比传统烟管高两倍, 热效率高。
2. 热水机运行自动化程度高, 配置全中文液晶屏, 动态显示锅炉运行状态及故障记录, 人机界面, 智能化控制, 智能提示, 操作简单。
3. 具有程序启动, 自动吹扫, 电子自动点火. 自动燃烧. 风油(气)自动比例调节和熄火保护装置。
4. 采用智能全自动调节取暖出水 and 洗浴出水温度, 机组定时定温运行, 操作简单。
5. 热水锅炉在无压力下运行, 并有缺水. 超温过热等多项保护装置, 使锅炉运行更加安全, 无需专人管理。
6. 内部结构计算机优化设计先进合理, 传热效果好. 热效率高、水流阻力小, 保证了水循环良好。
- 1.It has small boiler volume and light weights with simple operation, which has the international unique design and guarantees the boiler safe and reliable with high efficiency, inside the boiler fire tubes there equips with spoilers,

which can greatly strengthen the heat transfer effect, and the heat transfer coefficient is twice higher than the traditional fire tubes, and the thermal efficiency is higher,

2.Hot water machine operates with high automation degree, besides, it configures LCD, which shows the boiler operating condition and failure record

3.It has the procedural priming automatic purging, Electronic automatic ignition and flame-out protection device.

4.It adopts intelligent fully automatic adjusting heating water temperature and bath water temperature with simple and regular fixed fire and temperature operation.

5.The hot water boiler operates under non pressure together with many protecting devices such as water shortage and over-temperature and overheating device.

6.The inside structure is designed advanced and reasonably with good heat transfer effect, high thermal efficiency and small water resistance, which promises good water circulation.

CWNS 系列技术参数 (出/回水温度: 85/60℃)

CWNS Technical Parameter (Outlet/Back Water Temperature:85/60℃)

型号Model 名称Name	CWNS0.35-85/60-Y(Q)	CWNS0.7-85/60-Y(Q)	CWNS1.05-85/60-Y(Q)	CWNS1.4-85/60-Y(Q)	CWNS2.1-85/60-Y(Q)	CWNS2.8-85/60-Y(Q)	CWNS4.2-85/60-Y(Q)	CWNS5.6-85/60-Y(Q)	CWNS7-85/60-Y(Q)
额定热功率MW x 10 ⁴ Kcal/h Rated Thermal Power	0.3530	0.760	1.0590	1.4120	2.1180	2.8240	4.2360	5.632	7.215
燃料消耗量 Fuel Consumption	轻油kg/h Light oil	33.0	66.7	98.0	130.8	196.5	265	400.2	730.7
	重油kg/h Heavy oil	35.1	70.9	104.1	139.0	208.8	281.6	425.4	630.2
	天然气 Nm ³ /h Natural Gas	39.0	79.6	116.8	156.0	234.4	316.1	477.6	651.7
外形尺寸mm Overall Dimensions 长(L)x宽(W)x高(H)	2800×1200 x1500	3300×1400 x1700	3300×2200 x2380	4200×2200 x2380	4800×2300 x2500	5400×2400 x2500	6400×2600 x2800	8280×2700 x3910	9345×2820 x4320
参考重量kg Approx. Weight	2200	3200	3700	4300	5350	6400	15000	18000	24000

CLSS 系列技术参数 (出/回水温度: 85/60℃)

CLSS Technical Parameter (Outlet /Back Water Temperature: 85/60℃)

型号Model 名称Name	CWNS0.1-85/60-Y(Q)	CWNS0.17-85/60-Y(Q)	CWNS0.2-85/60-Y(Q)	CWNS0.35-85/60-Y(Q)	CWNS0.5-85/60-Y(Q)	CWNS0.6-85/60-Y(Q)	CWNS0.7-85/60-Y(Q)
额定热功率MW 10 ⁴ Kcal/h Rated Thermal Power	0.110	0.1715	0.220	0.3530	0.540	0.650	0.760
燃料消耗量 Fuel Consumption	轻油kg/t Light oil	10.8	16.7	22.3	33.0	41.7	66.7
	重油kg/h Heavy oil	11.5	17.7	23.7	35.1	44.3	70.9
	天然气 Nm ³ /h Natural Gas	12.9	19.9	26.6	39.4	49.7	79.8
外形尺寸mm Overall Dimensions 长(L)x宽(W)x高(H)	φ704×1452	φ842×1781	φ842×2275	φ1012×2275	φ1152×2202	φ1350×2400	φ1500×2500
参考重量kg Approx. Weight	447	662	756	994	1316	1500	1600

Condensed vacuum transformation hot water boiler

冷凝真空相变热水锅炉



锅炉特点

Characteristics

- ◆**高效节能**采用韩国高效真空热水锅炉技术，锅炉在真空状态下运行，炉水沸点低，产生的负压蒸汽对换热器换热，有效地提高了热效率，换热性能好，本体三回程湿背式设计，上部配有冷凝器有效的提高辐射和对流换热面积。
- ◆**机组无压运行，安全可靠**热媒处于真空状态，不存在膨胀爆炸的危险。炉体内储有恒量的热媒水，没有干烧的危险，多重自动保护装置，具有其它锅炉无法比拟的安全性。
- ◆**机型丰富，一机多用**立式、卧式、燃油、燃气、水管、火管多种机型可供用户自由选择。热交换器与集箱分离，采暖水，生活热水的负荷可根据需要随时切换，满足用户使用中对采暖水和生活热水的不同要求，确保热水清洁稳定。
- ◆**免除了繁杂的报批手续**且机组处于负荷状态下运行，简化了锅炉的报批年审等手续，操作工无需持证。
- ◆**智能控制** 触摸屏显示，虚拟按键，中文及图形显示系统工程，在线操作指南，故障自诊断，全自动运行加手动操作可一用一备，实现人机对话及远程控制。

- ◆**Eicient and energy- savng** The adopcion of Koren eficien vacum hot boiler technoloy makes the bole feaure vacum operation low boiling point negative pressure stem heat exchange. high thermal eficicye. god heal- exchange pefomance. 3- stroke wet -back design and larger radiation and heat convection sizes due to the condenser on the upper part
- ◆**Relable pressure -free operation:** No risk of explosion caused by expansion thanks to vacuum state d heating media; no risk of drying burning because the volume ofhot-media water is etemal in the fumace;mutipule auto -protectionmeasures superior than those ofother bolers;
- ◆**Various type and multi-funcion:** Types avlable incude standing, horizontal. ol-fred, gas -fred. water tube and fre tube; separation of heat exchanger and container helps customers to change the load of heating water and life water.satisfyng dfferent demands and ensuring stable supply of clean hot water;
- ◆**Nocomplicated application:** Operationunder bad state simplifs procedures ofappication and amualreview; no need for operators
- ◆**Iteligent control;** touch- screen display: vritual keys; display system in Chinese and graphics; on lne operation help: auto touble- shooting: optional auto ormanual operation;hurman machine interaction and distant-contol

ZKN-WNS 系列技术参数

ZKN-WNS Technical Parameter

名 称 Name	型号Model	ZKN0.35-85/60-YQ	ZKN _{0.7} -85/60-YQ	ZKN1.4-85/60-YQ	ZKN2.1-85/60-YQ	ZKN2.8-85/60-YQ	ZKN4.2-85/60-YQ	ZKN5.6-85/60-YQ	ZKN7-85/60-YQ
额定热功率 Rated Therma Power (KW)		0.35	0.7	1.4	2.1	2.8	4.2	5.6	7
工作压力Rated Working Pressure (Mpa)		0	0	0	0	0	0	0	0
出/回水口温度Out/back to the ozzle temperature (C)		85/60	85/60	85/60	85/60	85/60	85/60	85/60	85/60
适用条件Suitable Conditions (m)	海拔高度<300 Altitude<300								
设计热放率Boiler Efficiency (%)		93.4	93.3	93.7	93.7	94.3	95	96	86.5
适用燃料Usage of Fuel	轻油、天然气Light Oil, Natural Gas								
外形尺寸Overall dimensions (m)		2.7×1.4×2.1	3.25×1.41×1.95	4.4×1.7×2.85	4.2×2.1×3.3	5.1×2.2×3.3	6.1×2.5×3.3	6.8×2.5×3.2	7.8×2.7×3.5

WNS Series Condensation Steam Boiler

WNS 系列冷凝蒸汽锅炉



锅炉特点Characteristics

- ◆独特的大能提室结构设计，三回程全温背结构，保持超强辐射换热能力的同时，实现低温燃烧，提高了锅炉的热效率，减少了NOX的排放。
- ◆采用螺纹烟管，增加了传热效果，提高锅炉热效率；
- ◆锅炉前后烟箱采用多级密封方式，不会漏烟；
- ◆具有较大的蒸汽空间，蒸汽品质好；
- ◆水位、蒸汽压力、排烟温度等多重保护，安全可靠；
- ◆高效保温材料，确保锅炉表面温度低；
- ◆配套专利产品锅炉节能器，节约燃料费用5-15%，将锅炉升级为冷凝锅炉；
- ◆设置多点排污，使锅炉受热面更加干净。

- ◆ Unique design of structure of big combustion chamber: 3- stroke all wet--back structure; super radiation heat- exchange and low- temperature burning to improve thermal efficiency, reduce NOX emission and protect environment;
- ◆ Adoption of thread smoke tube improves heat transmission and thermal efficiency;
- ◆ Mutiple- sealing of front and back smoke boxes prevent smoke leakage;
- ◆ Large steam space leads to better steam quality;
- ◆ Mutiple measres like protection of water level, steam pressure and smoke--discharging temperature make boilers same and reliable;
- ◆ Efficient thermal protection materials ensure low boiler surface temperature;
- ◆ Boiler energy--saver of Company saves fuel cost by 5- 15%;Upgrading the boilers to Condensation ones;
- ◆ Mutiple-point pollutant discharging makes the heating surface of the boilers cleaner.

性能参数表

Performance parameters table

型号Model		WNS0.5	WNS1	WNS1.5	WNS2	WNS2.5	WNS3	WNS4	WNS5	WNS6	WNS8	WNS10	WNS12	WNS15	WNS20	
额定蒸发量 Rated Capacity	t/h	0.5	1	1.5	2	2.5	3	4	5	6	8	10	12	15	20	
额定蒸汽压力 Bated Working Pressure	MPa	1.0	1.25	1.01.251.62.5						1.251.62.5						
额定蒸汽温度 Normal Steam Iemperdture	℃	184	193	184193204225						193204225						
给水温度 emperature	℃	20						104								
传热面积 Htea Tr ission	m²	16	25	42	57	63	82	103	128	154	208	268	308	390	516	
适用燃料 Usage of Fuel		轻油重油气体燃料														
燃料 耗量	重油 Heavy Oil	kg/h	34	66	97	122.5	155	189	258	319	370	485	609	730	915	1220
	轻油 Light Oil	kg/h	32	61	92	120	147	184	243	300	354	472	580	707	849	1157
	天峡气 Natural Gas	Nm³/h	40	72	105	158	179	225	313	375	452	627	770	926	1027	1330
	城市煤气	Nm³/h	74	148	222	295	385	144	592	740	868	1185	1465	1758	2200	3073
供气 压力	天然气 Natural Gas	mpa	30-100	50-100	50-100	50-100	50-10	50-200	100-200	190-0	20	150-300	16	150-300	150-30	150-30
	城市煤气 Urban Coa Gas	mpa	50-100	70-100	70-200	70-200	70-200	70-200	100-200	100-200	100-200	100-300	100-300	150-300	150-300	150-300
设备 总电 力功 事	燃油 Heavy Oil	kw		7.1	18	19.4	21.7	21.7	26.2	27.7	41.9	57.4	58.4	86.5	118.5	
	燃转油 Ljaht (i	kw	1.86	2.6	4.8	6.2	8.5	8.5	13.0	14.5	19.5					
	燃气Gas	kw	2.05	2.5	4.8	6.2	10.5	10.5	13	17.5	19.5	21.5	32	32	51	77
锅炉最大运输重量 Mey Tre Weight ofBoie		t	3.5	5.5	6.5	7.6	8.65	9.9	11.7	13.7	15.9	18	25.4	27.2	40	45.5
锅炉满水容积 FullWater Capacity of Boile		m³	1.8	3.1	4.7	5.1	6.9	5.6	6.3	10.4	8.9	12.8	18.8	22.8	24.2	34.1
锅炉外形尺寸 Externa Dimensions of Boiler		长mm	2900	3650	4650	4650	4850	4650	4800	6000	6300	6500	7400	8870	8700	10000
		宽mm	1600	1950	2000	2100	2200	2200	2300	2600	2700	2950	3730	3730	4100	4500
		高mm	1900	2200	2400	2450	2500	2650	2800	2900	2900	3100	3530	4500	3800	5600

注：1、表中燃料耗量是以轻油低位发热值42700KJ/kg、重油低位发热值40350KJ/kgC 9640KCAL/kg, 天然气低位发热值35588KJ/Nm3、城市煤气低位发热值16750KJ/Nm3 计算的。

2、电源：三相380V 50HZ

Notes:

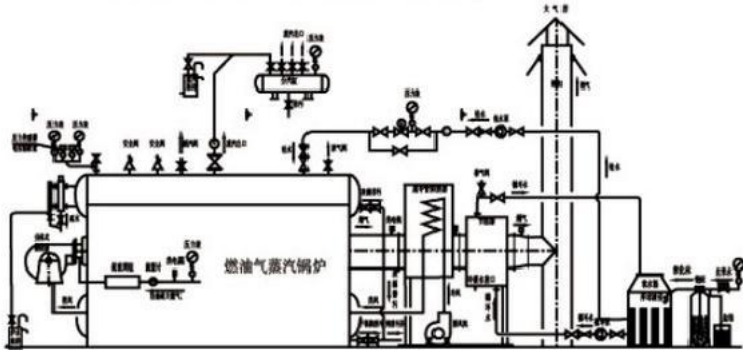
- Fuel consumptions in the table are counted with 42700KJ/kg as the low heat value for light oil, 40350KJ/kgC 9640KCAL/kg as that for heavy oil , 35588KJ/ Nm3 as that for natural gas and 16750KJ/ Nm3 as that for coal gas.
- Power supply: 380V.50HZ;

SZS Series Condensation Steam Boiler

SZS 系列冷凝蒸汽锅炉



SZS 型燃油气蒸汽锅炉工艺流程图



Characteristics

- ◆双锅筒口型布置，结构紧凑，占地面积小，火焰充满度好；

◆水冷壁及对流管束隔壁采用膜式壁(密排式)结构，密封性能好；

◆锅炉炉膛设有检查口，防爆门，使用维修方便，安全可靠；

◆高热阻材料的绝热层具有良好的密封性能和保温效果，降低散热损失；

◆快装结构，整台锅炉座落在底座上，运输、安装更加方便；

◆外包装采用压制护板，外形美观，整齐；

◆全自动知名品牌燃烧器，调节燃烧更好的适应D型布置燃烧空间。
- ◆Two-drum compact structure saves land and leads to better fullness of flame;

◆Film-wall (close packed) structure of water-cooling wall and convection bank wall leads to better tightness;

◆The access opening and explosion-proof gate on the furnace makes repairs safer and more reliable;

◆Heat isolation of high thermal resistance materials ensure better tightness and thermal insulation, reducing heat loss;

◆Easy installation; boiler body on the base; easy installation and transportation;

◆Pressed guard plates of external packing; beautiful appearance;

◆Famous-brand auto-buner adjusts burning to be more adaptive to type-D burning space.

性能参数表

Perfomance parameters table

参数Parameter																	
单位Unit		SZS10-1.25/(1.57)-Y(Q)	SZS10-25250-Y(Q)	SZS10-2.45/400-Y(Q)	SZS15-1.25/(1.57)-Y(Q)	SZS15-.25/250-Y(Q)	SZS15-2.45/400-Y(Q)	SZS20-1.25/(1.57)-Y(Q)	SZS20-2200-Y(Q)	SZS20-2.45400-Y(Q)	SZS25-1.25/(1.57)-Y(Q)	SZS251.25250-Y(Q)	SZS25-2.45/400-Y(Q)	SZS35-1.25/(1.57)-Y(Q)	SZS35-.25/250-Y(Q)	SZS35-2.45/400-Y(Q)	
参数名称 Parameter Name																	
额定供热量 Rated Heat-supply	th	10			15			20			25			35			
额定工作压力 Rated Working Pressure	Mpa	1.25/(1.57)	1.25	2.45	1.25/(1.57)	1.25	2.45	1.25/(1.57)	1.25	2.45	1.25/(1.57)	1.25	2.45	1.25/(1.57)	1.25	2.45	
蒸汽温度 Steam Temperature	℃	193(204)	250	400	193(204)	250	400	193(204)	250	400	193(204)	250	400	193(204)	250	400	
给水温度 Feed-water Temperature	℃	104/20			104/20			104/20			104/20			104/20			
设计热效率 Designing Heat Eficienoy	%	>90-98以上(天然气配冷凝)															
适用燃料 Applicable Fuel		柴油、重油、气体燃料															
柴 油 Diesel	kg/h	604	604	720	909	957	1080	1212	1277	1440	1515	1595	1800	2119	2232	2518	
重 油 Heavy oi	kg/h	642	642	765	966	1015	1148	1288	1355	1531	1610	1692	1913	2253	2367	2277	
天然气 Natural Gas	Nm³/h	717	717	854	1078	1134	1281	1437	1512	1708	1797	1890	2135	2514	2644	2987	
液化气 Liquid Gas		232	232	277	350	367	416	467	489	555	583	612	693	816	856	970	
城市煤气 Urban Gas		1623	1623	1933	2440	2567	2900	3257	3423	3867	4067	4278	4823	5690	5986	6763	
林格曼黑度 Ringeman Smoke Blackness		<1度															
使用电源Power Supply		3-380															
主气阀口径(DN) Diameter of Main Air Valve	V	150			200			150			200			150			
安全阀口径(DN) Dlamer of Sately Valve	mm	80			100			80			125			100			
进水阀口径(DN) Diameter of Inlet Valve	mm	50			65			65			80			80			
液位计泄水口口径(DN) Diameter ol Discharging Hole of Liquid Level Gauge	mm	25															
燃烧方式 Burning Method		室燃															
最大件运输重量 Tiansporain Weightd Biges pat	t	35	35	37	35	35	38	39	39	44	49	50	55	69	70	70	
最大件运输尺寸 TimpratnDrensins dBigesPa	m	6.8×3.4×3.54			7.8×3.6×3.8			8.8×4.1×4			10.5×4.2×4.1			13×4.5×4.2			
外型尺寸 External Dimensions	A	mm	3532			3765			3972			4083			4198		
	B		5840			6806			7774			9606			11980		
	C		3345			3782			4126			4201			4460		
烟囱口径 Dlamer ot Chimne	m	φ850			φ1000			φ1200			φ1400			φ1600			

★因技术革新变更参数，恕不另行通知，以图纸尺寸为准。
★To end because of the change of technological innovation and parameters, without prior notice, the drawing size shall prevail.

Vertical Gas And Oil Fired Steam Generator

立式燃气、燃油蒸汽发生器



性能参数表

Perfomance parameters table

Mc	LHS0. 3-0. 09-Y (Q)	LHS0. 5-0. 09-Y (Q)	LHS0. 7-0. 09-Y (Q)	LHS1-0. 09-Y (Q)
额定蒸发量 (th) Rated Capacity	0. 3	0. 5	0. 7	1

★ 因技术革新变更参数，恕不另行通知，以图纸尺寸为准。
★ To ond because of the change of tochnological innovation and parameters, without prior notice, tho drawing size shal prevali

锅炉特点Characteristics

本公司所有生产的蒸汽发生器是一种水管、火管组合式燃生物质燃气发生器，在设备内布置多层受热面，升温快，产汽足，压力稳，采用硅酸铝纤维毯保温，不锈钢板外包，出厂前预装好后，大件装车后拆开，现场快装。外观整洁漂亮。用户购回后，接上电源和水源后即可使用。本产品自动化程度极高，个性化的设计，全部程序都集中在一个按钮上，超乎寻常的傻瓜式模糊控制，方便了每个操作者。

◆采用液晶显示自动智能电控系统

蒸汽发生器操作系统为自动控制，所有的运行状态均可在液晶屏中一目了然。您可以在显示屏中观察到蒸汽发生器工作状态，蒸汽发生器水位状态，蒸汽压力高低状态，水泵运行状态，故障报警状态等，让您随时掌握蒸汽发生器运行状况，使用更放心。

◆采用优质零部件

压力控制器使用进口韩国3S，仪表阀门，电器采用国内最知名品牌，使用安全可靠，配置豪华。

◆多重连锁安全保护功能

产品装有安全阀、压力控制器，超压保护，超温保护，防止蒸汽发生器超温超压，防止蒸汽发生器因压力过大而造成损坏；同时具有极限低水位保护，在供水停止的情况下蒸汽发生器将自动停止工作。

◆极易安装，使用方便

产品出厂前均通过严格的调试，用户只需要将电源和水源安装连接完成后，按下一键启动按钮本蒸汽发生器即可进入全自动运行状态，无需繁杂的安装。

◆按照环保科学，节能等工艺制作

采用长方体式的科学设计风格，内部设计结构合理，维修保养极其方便。蒸汽发生器外壳采用，喷砂式工艺，做工精细，经久耐用，外表美观大方。

The steam generator produced by our company is a kind of fire tube and fire tube combined biomass gas generator. It is equipped with multi-layer heating surface in the equipment, with fast temperature rise, sufficient steam production and stable pressure. It adopts aluminum silicate fiber blanket for insulation and stainless steel plate outsourcing. It is pre installed before delivery, disassembled after loading, and quickly assembled on site. The appearance is neat and beautiful. Users can use it after connecting power supply and water source. This product is highly automated, personalized design, all procedures are concentrated on a button, extraordinary fool type fuzzy control, convenient for each operator.

The automatic intelligent electric control system with liquid crystal display is adopted

The operation system of steam generator is automatic control, and all operation status can be clearly seen in LCD. You can observe the working state of the steam generator, the water level of the steam generator, the high and low state of the steam pressure, the operation state of the water pump, and the fault alarm state in the display screen, so that you can master the operation status of the steam generator at any time and use it more safely.

High quality parts are used

The pressure controller uses 3S imported from South Korea. The instrument valve and electrical appliance adopt the most famous brand in China. The use is safe and reliable, and the configuration is luxurious.

Multiple interlocking safety protection function:

The product is equipped with safety valve, pressure controller, overpressure protection and overtemperature protection to prevent the steam generator from overheating and overpressure, and to prevent the steam generator from being damaged due to excessive pressure; at the same time, it has limit low water level protection, and the steam generator will stop working automatically when the water supply is stopped.

It is easy to install and use

The products have passed strict debugging before leaving the factory. Users only need to install and connect the power supply and water source, and then press the one button start button. The steam generator can enter the full-automatic operation state without complicated installation.

It is made according to the technology of environmental protection, science and energy saving

The scientific design style of cuboid type is adopted, the internal design structure is reasonable, and the maintenance is extremely convenient. The shell of steam generator adopts sand blasting technology, which is fine in workmanship, durable and beautiful in appearance.

Vertical Biomass Steam Generator

立式生物质蒸汽发生器



性能参数表(立式)

Perfomance parameters table

型号 Model	LHG0.3-0.09-SCI	LHG0.5-0.09-SCI	LHG0.7-0.09-SC	LHG1-0.09-SCI
额定蒸发量(t/h) Bated Capacit	0.3	0.5	0.7	

★因技术革新变更参数，恕不另行通知，以图纸尺寸为准。
* Toand because of the change oftechnooglical rmovaton and parameters. wtou prio notice, the crawng szo shaliprevai.

锅炉特点

- ◆免验收蒸汽发生器主要特点:
- 1、环保性

适用范围广，符合环保要求；
- 2、经济性

采用最新节能环保技术，可节约每月费用的28%左右，采用高效的保温材料，热损失极低，节约燃料成本；
- 3、安全型

具有缺水、超压、超温多种保护功能，安全可靠；
- 4、实用型

蒸汽发生器结构简单，占地面积小，安装维修方便，使用寿命长；
- 5、方便型

可以任意选择全自动电脑型和数显数表型二种控制，容易操作，故障少，使用方便；
- 6、可调型

可以在额定范围内根据需要任意调整负载。

The main features of the steam generator are as follows:

1.Environmental protection
Wide application range, in line with the requirements of environmental protection;

2. Economy
Using the latest energy-saving and environmental protection technology can save about 28% of the monthly cost. Using efficient thermal insulation materials, the heat loss is very low and the fuel cost is saved;

3.Safety type
With water shortage, overpressure and humidity protection functions, it is safe and reliable;

4.Practical
The steam generator has the advantages of simple structure, small floor area, convenient installation and maintenance, and long service ife;

5. Convenient type
It is easy to operate, has few faults and is easy to use;

6.Adjustable type
The load can be adjusted according to the demand within the rated range.

- ◆燃生物质、燃油、燃气蒸汽发生器应用领域:
- 洗涤熨烫行业：干洗机、烘干机、水洗机、脱水机、熨平机、熨斗等设备配套使用
- 包装机械行业：贴标机、套标机配套使用
- 生物化工行业：发酵罐、反应釜、夹层锅、搅拌机、乳化机等设备的配套使用
- 食品机械行业：豆腐机、蒸箱、来菌罐、包装机、涂料设备、封口机等设备配套使用
- 其它行业：(宾馆、学校)蒸汽或热水供应、(桥梁、铁路)混凝土养护等(油田、汽车)蒸汽清洗行业

Burning biomass, fuel,gas steam generator application are a:

Washing and ironing industry: dry cleaning machine, dryer, washing machine, dehydrator, ironing machine, iron and other equipment supporting use

Packaging machinery industry; labeling machine, labeling machine matching use

Biochemical industry: fermentation tank, reactor, sandwich pot, mixer, emulsifier and other equipment supporting use

Food machinery industry: tofu machine, steamer, can, packaging machine, coating equipment, sealing machine and other equipment supporting use

Other industries:(hotels, schools) steam or hot water supply,(bridge, railway) concrete maintenance, etc.(oil field, automobile) steam cleaning industry

Steam Heat Source Machine

蒸汽热源机



锅炉特点

- 不需要安装告知：

不需建造独立锅炉，也无需持证司炉工管理，该系列蒸发器大大节省报检和人工费用等。
- 采用液晶显示全自动智能电控系统：

设备操作系统为自动控制，所有的运行状态均可在液晶屏中一目了然。您可以在显示屏中观察到设备工作状态，设备水位状态，蒸汽压力高低状态，水泵运行状态，故障报警状态等，让您随时掌握设备运行状况，使用更放心。
- 采用优质零部件：

所有的管路和仪器仪表连接均采用不锈钢管或铜管连接，电器采用国内最知名电器，使用安全可靠，配置豪华。
- 多重连锁安全保护功能：

产品装有经检验所校验的安全阀、压力控制器等超压保护，防止设备因压力过大而造成爆炸事故；同时具有极限低水位保护，在供水停止的情况下设备将自动停止工作。
- 极易安装，使用方便：

产品出厂前均通过严格的调试，用户只需要将电源和水源接好，按下启动键设备即可进入自动运行状态，无需繁杂的安装。

- 科学设计，精美外观：

采用柜式的科学设计风格，内部设计结构合理，维修保养极其方便。设备外壳采用数控切割和数控折边一次成型工艺，做工精细；外壳表面经过高温喷塑处理，经久耐用，外表美观大方。
- INSTALLATION NOTIFICATION NOT REQUIRED:

There is no need to build an independent boiler, and there is no need for licensed stoker management. This series of evaporators greatly saves inspection and labor costs.
- AUTOMATIC INTELLIGENT ELECTRONIC CONTROL SYSTEM WITH LIQUID CRYSTAL DISPLAY:

Equipment operating system for automatic control, all the running state can be at a glance in the LCD screen. You can observe the working state of the equipment, the water level state of the equipment, the high or low state of the steam pressure, the running state of the water pump, the fault alarm state, etc..
- USING HIGH QUALITY COMPONENTS:

All the pipes and instruments are connected with stainless steel pipe or copper pipe, electrical appliances using the most famous domestic appliances, the use of safe and reliable, luxurious configuration.
- MULTI-CHAIN SAFETY PROTECTION FUNCTION

The product is equipped with over-pressure protection, such as safety valve and pressure controller, which are verified by inspection, to prevent the equipment from explosion due to over-pressure.
- EASY TO INSTALL AND EASY TO USE

Products before leaving the factory through strict debugging, users only need to connect the power supply and water, press the start button equipment can enter the automatic operation state, without complicated installation.
- SCIENTIFIC DESIGN, BEAUTIFUL APPEARANCE

Adopt the scientific design style of the cabinet, the internal design structure is reasonable, the maintenance is extremely convenient. The shell of the machine adopts NC cutting and NC folding one-time forming technology, the work is fine, the surface of the Shell is treated by high-temperature Spray, durable, beautiful appearance.

性能参数表

Perfomance parameters table

型 号 Model	LSS0. 3-0. 7-Y (Q)	LSS0. 5-0. 7-Y (Q)	SZS1-0. 8-Y (Q)
额定蒸发量T/h Rated Capacity	0. 3	0. 5	1
工 伤 压 力 / MP Rated Working Pressure	0. 7	0. 7	0. 8
共 决 通 度 PC Normal Steam Temperature	170	170	175
给 水 温 度 C Feed -water Temperature	20	20	20
计 算 热 效 离 Calculated thermal efficiency	93. 21 (天然气)	93. 39 (天然气)	95. 5
水 试 验 压 力 / MPa Water test pressure	1. 05	1. 05	1. 2
大 件 运 输 重 量 / T Bulk transport weight	0. 56	0. 76	2. 7
桃 料 消 耗 量 Nm3h Fuel Consumption	21. 6	36. 2	72. 3
电 机 总 功 率 kW Total motor power	0. 93	1. 12	2. 6

Electromagnetic steam boiler / electromagnetic steam generator

电磁蒸汽锅炉/电磁蒸汽发生器



电磁加热技术是通过电磁感应原理使金属料筒自身发热，并且可以根据具体情况在料筒外部包裹一定厚度的隔热保温材料，这样就大大减少了热量的散失，提高了热效率，因此节电效果十分显著，可达30%~75%。因为电磁加热圈本身并不发热，而且是采用绝缘材料 and 高温电缆制造，所以不存在像原电热圈的电阻丝在高温状态下氧化而缩短使用寿命的问题，具有使用寿命长、升温速率快、无需要维修等优点，减少了维修时间，降低了成本。现已被广大的塑料制品企业使用，大大的降低了企业的生产成本。

与电热管加热所存在的优势:

普通加热管加热方式均为接触式热传递加热具有以下缺陷:

- (1) 耗电的30-70%转化为工作热能。
- (2) 加热必须通过接触方式传递热能。
- (3) 加热及冷却都有惯性现象产生，及升温降温都缓慢。
- (4) 加热有死角，不能完全包裹在料筒外层。
- (5) 加热圈损耗大，寿命短。

电磁感应加热：为非接触电磁感应加热，具有以下优点：

- (1) 耗电量的95%转化为工作热能。线圈损耗约为2%，控制单元损耗约为2%，其绝缘隔热层可以将98%的能量保留在料筒上。即热利用率为98%。
- (2) 只加热料筒，而其它部位保持冷却。
- (3) 消除加热的惯性现象，升温降温迅速高效。
- (4) 加热无死角，整体料筒均匀加热。
- (5) 电磁线圈保持凉爽，因此寿命超长。

Electromagnetic heating technology makes the metal barrel heat itself through the principle of electromagnetic induction,

and can wrap a certain thickness of thermal insulation material outside the barrel according to the specific situation, which greatly reduces the heat loss and improves the thermal efficiency. Therefore, the power saving effect is very significant, up to 30%~75%. Because the electromagnetic heating ring itself does not generate heat, and it is made of insulating materials and high-temperature cables, there is no problem that the resistance wire of the original electric heating ring oxidizes at high temperature and shortens the service life. It has the advantages of long service life, fast heating rate and no maintenance, which reduces the maintenance time and reduces the cost. It has been used by the majority of plastic products enterprises, which greatly reduces the production cost of enterprises.

Advantages compared with electric heating tube heating:

The heating method of ordinary heating pipe is contact heat transfer heating, which has the following defects:

- (1) 30-70% of the power consumption is converted into working heat energy.
- (2) Heating must transfer heat energy through contact.
- (3) Inertia occurs in heating and cooling, and the heating and cooling are slow.
- (4) The heating has a dead corner and cannot be completely wrapped in the outer layer of the barrel.
- (5) The heating ring has large loss and short service life.

Electromagnetic induction heating: it is non-contact electromagnetic induction heating and has the following

advantages

- (1)95% of the power consumption is converted into working heat energy. The coil loss is about 2%, and the control unit loss is about 2%. Its insulation layer can retain 98% of the energy on the barrel. That is, the heat utilization rate is 98%.
- (2)Only heat the barrel and keep the other parts cool.

- (3)Eliminate the inertia phenomenon of heating, raise and lower the temperature quickly and efficiently.
- (4) Heating has no dead angle, and the whole barrel is heated evenly.
- (5) The solenoid remains cool, so it has a long service life.

电磁蒸汽锅炉技术参数

Technical parameters of electromagnetic steam boiler

型号Model	额定蒸发量 Rated Capacity	蒸汽温度 Normal Steam Temperature	额定压力 Rated pressure	电器保护等级 Electrical protection class	外来散热% Heat radiation	电压/频率 /oltage frequency	容水量 (m³) Field capacity	热效率 Thermal Efficiency	安装尺寸Installation size (长x宽x高)
LDCR0.1-0.7	0.1t/h	170℃	0.7MPa	33	≤1.5	380V/50HZ	0.048	98	1126×934×2130mm
LDCR0.2-0.7	0.2vh	170℃	0.7MPa	33	≤1.5	380V/50HZ	0.096	98.1	1738×934×2130mm
LDCR0.3-0.7	0.31/h	170℃	0.7MPa	33	≤1.5	380V/50HZ	0.144	98.1	2338×934×2130mm
LDCR0.5-1.0	0.5t/h	184℃	1.0MPa	33	≤1.5	380V/50HZ	0.512	98.1	9538×934×2130mm
LDCR0.5-1.25	0.5t/h	193℃	1.25MPa	33	≤1.5	380V/50HZ	0.512	98.1	3538×934×2130mm
LDCR1.0-1.0	1t/h	184℃	1.0MPa	33	≤1.5	380V/50HZ	1.024	98.1	3538x1800×2130mm
LDCR1.0-1.25	1th	193℃	1.25MPa	33	≤1.5	380V/50HZ	1.024	98.1	2598×1800x2130mm
LDCR2.0-1.25	2u/h	193℃	1.25MPa	33	≤1.5	380V/50HZ	2.024	98.1	7029×1800x 2130mm

电磁蒸发器技术参数

Technical parameters of electromagnetic evaporator

型号Model	额定蒸发量 Capacity	葵汽温度 Normal Steam Temperature	额定压力 Bate pressure	电器保护等级 Flaetrical tecic class	外壳散热% radiation	电压/频率 frequency	容水量 (m³) capacity	热效率 Thsma Ehiciency	安装尺寸Installation (长×宽x高)
LDCR 0.1-0.7	0.1th	170℃	0.7MPa	33	≤1.5	380V/50HZ	0.048	98	1126×934×2130mm
LDCR 0.2-0.7	0.2t/h	170℃	0.7MPa	33	≤1.5	380V/50HZ	0.096	98.1	40024y2A30mm
LDCB 0.3-0.7	0.3th	470℃	0.7MPa	33	≤1.5	380V/50HZ	0.144	98.1	2338×934×2430mm
IDCR 0.5-1.0	0.5th	184℃	1.0MPa	33	≤ 1.5	380V/50HZ	0.512	98.1	3538×934×2430mm
LDCR 0.5-1.25	0.5th	193℃	1.25MPa	33	≤1.5	380V/50HZ	0.512	98.1	3538×934×2430mm

LDR electric heating steam generator

LDR 电加热蒸汽发生器

锅炉特点Characteristics

- 1、采用名优电加热管，产品无污染、无噪音、绿色环保、表面负荷低、寿命长，热效率高达97%, 安生、可靠、节能、方便。

2、控制器采用德国两门子可编程元件，性能安全可靠，全自动运行，配置中文液晶显示屏，实现人机界面，操作更加简单轻松。

3、逐级加载和减载设计，负荷调节平稳，对电网的冲击减至最小。

4、具备时间模块及温度控制，可根据用户要求，自行设计温度和开关时间。

5、具有水位超高超低短路、过载、漏电缺相、电压异常、多重保护，保证万无失，安全到家。

6、采用不锈钢管电加热技术，机械强度高，抗热、抗化学性能好，采用单独小尺寸法兰，维修简便。

1. The famous and high-quality electric heating tube is adopted. The product has no pollution, no noise, green environmental protection, low surface load, long service life, thermal efficiency up to 97%, safety, reliability, energy saving and convenience.

2. The controller adopts two German programmable elements, which has safe and reliable performance and fully automatic operation. It is equipped with Chinese LCD to realize man-machine interface, and the operation is simpler and easier.

性能参数表

Perfomance parameters table

项目型号 Model	额定蒸 图 Capacity	设计电功率kw Design Electric Power	额定蒸汽温度 Rated Steam Temperature	水容积m³	电源V/Hz Power Supply	热效率 herma Efficiency%	蒸汽出口 oute	排污mm Outfall	外形尺寸 Overall dimensions			重量T Weight
									长 三	高	高 (h)	
DR0. 035-0. 7	0. 035	24	170	0. 029	380/50	98	DN25	DN25	700	350	900	0. 06
LDRO. 05-0. 7	0. 05	36	170	0. 029			DN25	DN25	700	350	1000	0. 08
LDRO. 075-0. 7	0. 075	48	170	0. 029			DN25	DN25	700	350	1000	0. 12
LDRO. 1-0. 7	0. 1	72	170	0. 029			DN25	DN25	700	350	1400	0. 16
LDRO, 2-0. 7	0. 2	144	170	0. 096			DN25	DN25	1200	700	1400	0. 32
LDRO. 3-0. 7	0. 3	216	170	0. 144			DN25	DN25	1200	700	1400	0. 32
LDRO, 5-1. 0	0. 5	375	184	1. 32			DN40	DN40	3036	1400	1806	1. 3
LDRO. 7-1. 0	0. 7	513	184	1. 5			DN40	DN40	3636	1710	1700	1. 89
LDR1. 0-0. 7	1	720	193	1. 8			DN40	DN40	3856	1710	1700	2. 125
LDR1. 0-1. 25	1	750	193	2. 1			DN40	DN40	3856	1710	1700	2. 125
LDR2-1. 25	2	750	193	5. 32			DN80	DN4	4010	1810	2100	5. 449



3. The step-by-step loading and load shedding design ensures stable load regulation and minimizes the impact on the power grid.

4. With time module and temperature control, the temperature and switching time can be designed according to the user's requirements.

5. With ultra-low water level, short circuit, overload, leakage phase loss, abnormal voltage and multiple protection, it can ensure no loss and safe home.

6. Stainless steel tube electric heating technology is adopted, which has high mechanical strength, good heat and chemical resistance. A separate small-size flange is adopted, which is easy to maintain.

LDR steam generator

LDR 蒸汽发生器

锅炉特点Characteristics

电蒸汽发生器的功能

- 1、电蒸汽发生器电源异常保护功能：锅炉立刻停止运行。

2、电蒸汽发生器漏电保护功能：控制系统检测到电热元件漏电后，将自动切断电源。

3、电蒸汽发生器缺水保护：当锅炉缺水时及时切断加热管控制电路，防止加热管发生干烧损坏，同时控制器发出缺水报警指示。

电蒸汽发生器的特点

- 1、电蒸汽发生器采用先进的电加热管，其表面负荷低，使用寿命长。

2、电蒸汽发生器锅炉启动、停止速度快，运行负荷调节范围大，调节速度快，操作简单。

3、电蒸汽发生器加热元件根据温差及负荷的变化自动调整加热管的投入组数，并可自动转换投入次序，不仅节约能耗，而且使每组加热管的运行时间均衡，从而均匀加热管的寿命。

4、电蒸汽发生器加热元件亦可手动投入或停止，方便用户灵活调整锅炉发热量。

5、电蒸汽发生器采用先进的电脑锅炉控制器，具有性能可靠、自动化程度高、使用方便等优点。

6、电蒸汽发生器使用配件，均选用国内外优质产品，并经过试炉检验，保证了锅炉的长期正常运行。

7、电蒸汽发生器大功率电采用炉体与控制柜分离方式，避免了电器元件受热而影响使用。

Function of electric steam generator

1. Abnormal protection function of electric steam generator power supply: the boiler stops running immediately.

2. Leakage protection function of electric steam generator: the control system will automatically cut off the power supply after detecting the leakage of electric heating elements.

3. Water shortage protection of electric steam generator: when the boiler is short of water, cut off the control circuit of heating pipe in time to prevent dry burning damage of heating pipe, and the controller sends out water shortage alarm indication at the same time.

Characteristics of electric steam generator

1. The electric steam generator adopts advanced electric heating tube, which has low surface load and long service life.

2. The electric steam generator boiler has the advantages of fast start and stop speed, large operation load regulation



range, fast regulation speed and simple operation.

3. The heating element of electric steam generator automatically adjusts the number of input groups of heating tubes according to the changes of temperature difference and load, and can automatically change the input order, which not only saves energy consumption, but also balances the operation time of each group of heating tubes, so as to evenly prolong the service life of heating tubes.

4. The heating elements of the electric steam generator can also be put into or stopped manually, which is convenient for users to flexibly adjust the calorific value of the boiler.

5. The electric steam generator adopts advanced computer boiler controller, which has the advantages of reliable performance, high degree of automation and convenient use.

6. The accessories used in the electric steam generator are all high-quality products at home and abroad, which have been tested by the furnace test to ensure the long-term normal operation of the boiler

7. The high-power electric of the electric steam generator adopts the separation method between the furnace body and the control cabinet, which avoids the influence of the heating of electrical components on the use.

Electric Heating Steam Boiler

电加热蒸汽锅炉



Characteristics

1. 电蒸汽锅炉是将电能转化为热能的一种新型电热设备，在设计上同样遵循锅炉安全监察规格及行业制造标准。恒达电锅炉的电器元件采用西门子、施耐德、ABB、正泰等知名品牌，安全消除了用户对电及漏电的恐惧心理。
2. 所有电器元件都具有CE 和CCC 认证标志，并为知名企业产品，并根据用记指定品牌的元件进行选材制作。
3. 大功率电蒸汽锅炉采用炉体与控制柜分离方式，避免了电器元件受热而影响使用。
4. 电路设计先进合理，制作精良，布线整齐，操作及维护极为方便。控制柜设计成既可上出线亦可下出线，任由用户选择。
5. 连结电缆采用多股铜芯线，绝缘等级高，散热良好，经久耐用。
6. 具有自动补水、缺水、超温、超压，自动断电并报警、漏电保护、电源保护等安全保护系统。
7. 加热管使用德国技术，工艺先进，质量可靠，确保产品的使用寿命大于10000小时，热效率达到98%。
8. 电加热管与炉体以法兰连接，装拆方便，有利于更换，维修和保养。
9. 根据需要选用进口彩色和单色触摸屏控制系统，运行过程全自动化，全中文操作界面实现人机对话，实现远程监控操作。

1. Electric steam boiler is a new type of electric heating equipment which converts electrical energy. into heat energy. it has been designed follow the boiler safety inspection specifications and industry standards. Hengda electric boiler electrical components by well- known brand sunch as Siemens, schneider, ABB. chint, etc., eliminates the users fear on electric power safety and leakage.
2. All electrical components arewell- known enterprise products andauthenticated by CE and CCC. Thesecomponents are made by specific brandmaterials which are carefully chosen.
3. The design of separating High-power electric steam boiler furnace and control cabinet can avoid the over -heated problem

- influence of electrical components.
4. Advanced circuit design is reasonable, well--made, neat wiring. operation and maintenance are very convenient. Control cabinet designed to either upper outlet or bottom outlet, allow the user to select.
- 5.Connecting cables are using multiple strands, high insulation class, good heat dissipation and durable copper wire.
- 6.Its safety protection system contains automatic alarm and leakage protection on automaticwater filing. water shortage, over-temperature and over -pressure. the power supply and power protection, etc
- 7.Heating pipe using advanced reliableGerman technology. to ensure the service life of the product is longer than 10000 hours, the thermal efficiency up to 98%.
- 8.Using flange to comect electric heating tube and the funace, make it easier to install and facilitate replacement repair and maintenance.
- 9.Using imported color and monochrome touch screen control systemaccording to customers' needs. full autormatic operation process, and full Chinese operation interface to achieve the man -machine dialogue, and accomplish remote monitoring operation.

电加热蒸汽锅炉技术参数

Electric Heating Steam Boiler Technical Parameters

型号Model								
项目Item		LDRO. 3	LDRO. 5	WDRO. 7	WDR1. 0	WDRO. 5	WDR1	WDR2
压力 Pressure	Mpa	0. 7	0. 7	0. 4	0. 4	0. 8	1. 25	1. 25
额定蒸汽量 The Rated Steam	T/H	0. 3	0. 5	0. 7	1	0. 5	1	2
额定蒸汽温度 Rated Steam Temperature	℃	170	170	151	151	184	194	194
有效水容积 Effective Water Volume	m³	0. 91	1. 05	1. 459	1. 719	0. 991	1. 459	2. 6
电功密 Electric Powe	m²	240	360	540	720	360	720	1500
热效密 The Thermal Efficiency	%	98	98	98	98	98	98	99
重量 Weight	T	0. 85	1. 2	2. 305	2. 92	1. 737	3. 36	5. 45
锅炉外形尺寸 External Dimensions of Boiler	长mm	1071	1100	2710	2740	2710	2710	2710
	宽mm	1022	1100	1655	1750	1330	1505	1600
	高mm	2529	2600	1930	2025	1690	1930	2025

DCR Electromagnetic hot water boiler

DCR 电磁热水锅炉



锅炉特点 Characteristics

- (1) 节能设计：采用高频电磁加热技术，电磁感应快速加热水，电热转换效率达到最佳。
- (2) 变频技术：采用高频电磁加热技术，电磁感应快速加热水，电热转换效率达到最佳。
- (3) 软启软关：主控电路部分通过软启动软关断技术，解决了开关机瞬间电流过大对设备可能造成的损坏。
- (4) 恒定功率：通过对变频脉宽的调整，大大减少了设备工作功率受供电电压不稳定的影响范围，
- (5) 智能控制：数字化显示面板，室内温控器液晶显示和智能控制。
- (6) 恒功率技术：电磁加热器通过变频脉宽调整，电压高时电流自动下调，电压低时电流自动上调，保证设备电功率恒定，确保用户供暖效果和延长设备使用寿命。
- (7) 定时定温：根据不同时间段您对室温或水温要求的不同，您可以自由设定各时间段的温度，使能耗降到最低。
- (8) 假日功能(防冻功能)：在您外出度假时，通电状态下可设置设备低温启动防冻功能以低能耗运行，确保室内不冻。
- (9) 磁化水：由于不同地区水质有所不同，加之热水易形成水垢，通过磁场感应后，产生磁化水有效的减少了水垢的产生。
- (10) 超温保护：设置炉温传感器，当炉内温度超过设计标准时，设备自动停机。
- (11) 干烧保护：配套流量开关，当系统内缺水或夹气时，设

- 备自动停止加热。
- (12) 水电分离：机体设计时充分考虑使用安全，做到加热核心水电分离，整机水电分离。
- (13) 适用范围广：可广泛应用到民用、商用、工业用等需要采暖和加热水的场所。
- (14) 使用寿命超长：全国首次买用单片机直接边委控制，全工业化标准设计，国内首家使用水冷散热器给电子元件散热，大大延长使用寿命。
- (1) Energy saving design: high frequency electromagnetic heating technology is adopted, electromagnetic induction can quickly heat water, and the electrothermal conversion efficiency is the best.
- (2) Frequency conversion technology: high frequency electromagnetic heating technology is adopted, electromagnetic induction can quickly heat water, and the electrothermal conversion efficiency is the best.
- (3) Soft start and soft close: the main control circuit solves the possible damage to the equipment caused by excessive instantaneous current when switching on and off through soft start and soft close technology.
- (4) Constant power: by adjusting the frequency conversion

- pulse width, the influence range of equipment working power affected by the instability of power supply voltage is greatly reduced.
- (5) Intelligent control: digital display panel, indoor temperature controller, LCD display and intelligent control.
- (6) Constant power technology: Automatically reduces the current when the voltage is high and increases the current when the voltage is low through frequency conversion pulse width adjustment, so as to ensure the constant electric power of the equipment, ensure the heating effect of users and prolong the service life of the equipment.
- (7) Timing and constant temperature: according to your different requirements for room temperature or water temperature in different time periods, you can freely set the temperature in each time period to minimize energy consumption.
- (8) Holiday function (antifreeze function): when you go on vacation, you can set the equipment to start antireeze function at low temperature under the power on state to operate with low energy consumption to ensure that the room is not frozen.
- (9) Magnetized water: due to the different water quality in different regions and the easy formation of scale in hot water, magnetized water is generated through magnetic field induction,

- which effectively reduces the generation of scale.
- (10) Overtemperature protection: set the furnace temperature sensor. When the temperature in the furnace exceeds the design standard, the equipment will shut down automatically.
- (11) Thousand burn protection: it is equipped with a flow switch. When there is water shortage or air entrapment in the system, the equipment will automatically stop heating.
- (12) Water and electricity separation: the use safety shall be fully considered in the design of the engine body, so as to separate the water and electricity of the heating core and the water and electricity of the whole machine.
- (13) Wide scope of application: it can be widely used in civil, commercial, industrial and other places requiring heating and heating water.
- (14) Super long service life: the first time in China to buy single chip microcomputer for direct side Committee control, fully industrialized standard design, and the first in China to use water-cooled radiator to dissipate heat for electronic components, which greatly prolongs the service life.

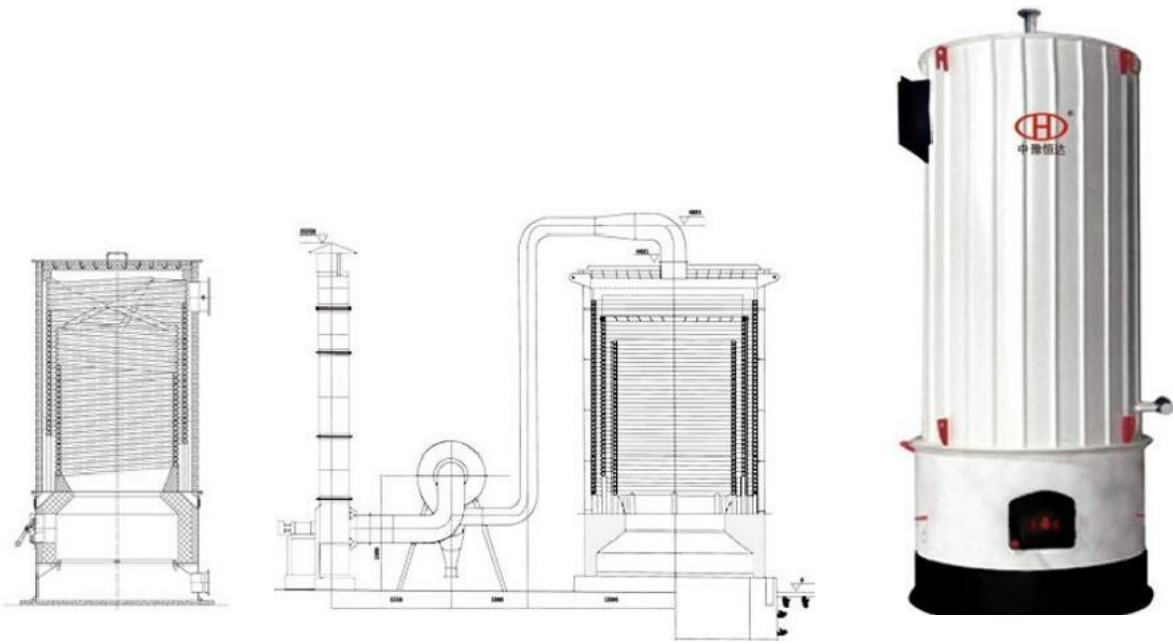
性能参数表

Perfomance parameters table

型 号Model	额定热功率KW Bated Thermal Power	传热面积 Htea Transmission Aream²	进/出口温度 mports and exports temperature	电器保护等 级IP Electrical protection class	外壳散热% Hea radiation	电压/频率 Valtage frequency	容 水 量 (m³) Field capacity	热效率 Thermal Efficiency	安装尺寸mm Installation size (长×宽×高)
CLDCR-80	80	2. 78	85/60	33	≤1.5	380V/50HZ	0. 053	98. 1	700×1100×1470
CLDCR-160	160	5. 56	85/60	33	≤1.5	380V/50HZ	0. 106	98. 1	1138×1100×1470
CLDCR-240	240	8. 34	85/60	33	≤1.5	380V/50HZ	0. 159	98. 1	1597×1100×1470
CLDCR-320	320	11. 12	85/60	33	≤1.5	380V/50HZ	0. 212	98. 1	2060x1100x1470
CLDCR-400	400	13. 9	85/60	33	≤1.5	380V/50HZ	0. 265	98. 1	2500×1100×1470
CLDCR-480	480	16. 68	85/60	33	≤1.5	380V/50HZ	0. 265	98. 1	2980×1100×1470
CLDCR-560	560	19. 46	85/60	33	≤1.5	380V/50HZ	0. 371	98. 1	2310×2700×1470
CLDCR-640	640	22. 24	85/60	33	≤1.5	380V/50HZ	0. 424	98. 1	2310×2700×1470
IDCR-720	720	25. 02	85/60	33	≤1.5	380V/50HZ	0. 477	98. 1	2760×2700×1470
CLDCR-800	800	27. 8	85/60	33	≤1.5	380V/50HZ	0. 53	98. 1	2760×2700×1470
CLDCR-960	960	33. 36	85/60	33	≤1.5	380V/50HZ	0. 636	98. 1	3215×2700×1470
CLDCR-1040	1040	36. 14	85/60	33	≤1.5	380V/50HZ	0. 689	98. 1	4120x2700x1470
CLDCR-1120	1120	38. 92	85/60	33	≤1.5	380V/50HZ	0. 742	98. 1	4120×2700×1470
CLDCB-1440	1440	50. 04	85/60	33	≤1.5	380V/50HZ	0. 954	98. 1	5520×2700×1470
CLDCR-2000	2000	69. 5	85/60	33	≤1.5	380V/50HZ	1. 325	98. 1	5680×2700×1470

Organic Heat Carrier Heating Furnace(Biomass)

有机热载体加热炉系列（生物质）



锅炉特点Characteristics

有机热载体锅炉(导热油炉)能在较低的运行压力下，获得350℃以下的工作温度。可进行稳定的加热和精确的温度调节，在各个等级的负荷下热效率均能保持在最佳状态，并且有完备的运行控制和安全监测装置。

它适用于：

- 1、化学工业—油脂化工、聚合工业、反应罐、蒸馏、浓缩。
- 2、塑料工业—塑料发泡、挤压定型。
- 3、纺织工业—树脂定型机、染色机、干燥室，高温机、滚筒机。
- 4、橡胶工业—橡胶的硫化加热。
- 5、食品工业—蒸煮、干燥、植物油提炼。
- 6、林产工业—夹板、保丽板、纤维板的加温定型。
- 7、纸品工业—包装纸箱的多层纸板、烘干、干燥。
- 8、其它—金属电镀槽的加热，涂料缩合、干燥、医药工业蒸馏，还原，浓缩，脱水等。

Organic heat carrier heating furnace (thermal oil furnace) can get operating temperature under 350℃ in the lower operating pressure. It can make stable heating and accurate temperature regulation. Heat efficiency always can keep the best state under the load at every degree and there are complete operation control and safety monitoring devices.

It applies to:

1. Chemical Industry: Oleochemical industry, polymerization, reaction retort, distillation, concentration.
2. Plastics Industry: Plastic foaming, extrusion moulding.
- 3.Textile Industry: Resin setting machine, dyeing machine, drying room, high temperature machine, roller machine.
4. Rubber Industry: Vulcanization and heating of rubber.
- 5.Food Industry: Stewing, drying, refining of vegetable oil.
- 6.Forest Product Industry: Warming shaping of plywood, polyester plywood and fiberboard.
7. Paper Product Industry: Composite board of packaging box, bakeout and drying.
- 8.Others: Heating of metal plating bath, condensation and drying of coating, distillation, reduction, concentration and dehydration of medical industry etc.

性能参数表

Perfomance parameters table

型号Type	YGL-120T	YGL-240T	YGL-350T	YGL-500T	YGL-700T	YGL-1000T	YGL-1200T	YGL-1400T
额定热功率(kw) Rated thermal power	120	240	350	500	700	1000	1200	1400
热效率% Thermal efficiency	73	73	73	73	76	76	76	76
设计压力(Mpa) Rated Steam Pressure	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
最高工作温度(℃) Maximum working temperature	320	320	320	320	320	320	320	320
炉内容油量(m³) Capacity	0.07	0.22	0.28	0.38	0.55	0.75	0.86	0.95
循环油量(m³/h) Circulating oi	12.5	20	40	60	80	100	100	100
配管连接口径(DN) Piping connection diameter	50	80	80	100	100	125	125	125
系统基机容量(kw) System installed capacity	8	10	18	22	25	35	35	35
外形尺寸 Size	直径Diameter	1215	1500	1650	1700	2030	2160	2160
	高度Height	2310	2750	2850	3300	3450	3850	4250
参考重量(kg) Weight		2500	3200	4800	5300	5800	6200	6700

★因技术革新变更参数，恕不另行通知，以图纸尺寸为准。
★To end because of the change of technological innovation and parameters, without prior notice, the drawing size shall prevail.

Gas Fuel Oil Skid Mounted Heat Transfer Oil Boiler

燃气燃油撬装导热油锅炉



锅炉特点Characteristics

以油(气)为燃料，以导热油为介质，利用热油循环油泵强制介质进行液相循环，将热能输送给用热设备后再返回导热油炉重新加热，具有在低的压力下获得高的工作温度，并且能对介质运行进行高精密控制工作。系统热利用率高，由于模块整体安装，运行维修方便，是一种安全、高效、节能的理想首选供热设备。燃料油(气由燃烧器点火后产生的高温火焰进入内盘管内形成辐射受热面，经由内盘管后部向前旋转180°进入内、中外管的夹层区形成对流受热面。然后在夹层的上部进入中、外盘管的第二夹层区，在第二夹层区的后部到烟囱排入大气。

导热油炉性能特点：

- 1、可由用户根据现场特点确定撬装设备；
- 2、拆迁、运输方便，便于流动；
- 3、适用长、短期运行，更能降低短期运行或无法投产前的投资风险；
- 4、占地面积小，减少锅炉房投资；
- 5、即装即用，节省安装费用。

With oil (gas) as the fuel and heat conducting oil as the medium, the hot oil cycling pump forces the medium to recycle in liquid form to transfer heat to the heat equipment and sends it back to the heat conduction furnace for re-heating. The heater can get high working temperature under low pressure and control the medium to conduct precision work. It features high heat utilization rate, whole module installation, simple operation and maintenance, thus it is a type of ideal equipment that is reliable, efficient and energy-saving. The high-temperature flame generated by the ignition of the oil (gas) by the burner forms the heating surface after entering the internal coil pipe. Rotating by 180 degrees after passing the rear part of the internal pipe, it forms the convection heating surface in the interlayer area of the internal and external pipes. Passing through the upper part, it enters the second interlayer section of the two pipes, passes the rear part of the second interlayer section and is discharged into the air through the chimney. Characteristics of the heater include:

1. The user can determine the skid mounted equipment according to the site characteristics;
2. It is convenient for demolition, transportation and flow;
3. It is suitable for long-term and short-term operation, and can reduce the investment risk before short-term operation or failure to put into production;
- 4.Small floor area to reduce the investment of boiler house;
5. Install and use immediately to save installation cost.

导热油炉控制系统说明：

该系列导热油炉，由较先进的程序控制器控制，能实现正常燃烧所必需的各种功能，能在正常状态、事故状态及非常情况下，自动实施保护性报警，配以相应的液位控制器、压力控制器、温度控制器，实现进出口压力指示、进出口温度指示，保证热载体温度在正常范围内波动，压力在允许压力波动范围内。

Introduction to the control system of the thermal oil furnace

These series of thermal oil furnaces are controlled by programmed controller, realizing all functions required by normal burning It automatically realizes protective warning of accidents or other abnormal conditions. Together with the liquid level controller, pressure controller and temperature controller, the system realizes indications of pressure and temperature at the inlet and outlet, ensuring that the temperature and pressure fluctuate within the allowable ranges.



性能参数表

Perfomance parameters table

型 号 Type		WQ署 1209 (Q)	YYQIW- 240Y (Q)	YQW- 350Y (Q)	NQW- 500H (Q)	WQJW- 00N (O)	WQW- 100099]	YiQW- 1200H (Q)	YYQW- 1400Y (Q)	YMOW- 180010)	YIQW- 2100M(Q)	WQW- 2400Y (Q)	YQW- 3000N (Q)	YQW- 35001 (Q)	NQW- 4700Y (Q)	YYIQW- 6000N (Q)	YYQW- 7000 (g)	QW- 0000	
项 目 Item		120	240	350	500	700	1000	1200	1400	1800	2100	2400	3000	3500	4700	6000	7000	10000	
额定热功率 (kw) Rated Thermal Powe		120	240	350	500	700	1000	1200	1400	1800	2100	2400	3000	3500	4700	6000	7000	10000	
设计压力 (Mpa) esis		1. 0																	
介质出口温度℃ Temperature at Medium Outlet		≤350																	
受 热 面 积 m² Heating Area		9. 8	14. 5	21. 3	24	40	50	64. 6	78. 5	87	94. 5	106. 2	163	205. 2	254. 3	325	410	520	
适用燃料 Applicable Fuel		轻油/天然气/城市煤气					轻油/重油/天然气/城市煤气												
燃料 耗量 e Consumption	燃油kg/h Light Oi	12	25	37	52	69	100	120	140	180	210	244	300	350	470	580	680	970	
	天然气Nm³/h Natural Gas	15	30	44	63	83	120	145	170	220	260	296	365	425	570	700	810	1160	
供气压力		30-100				50-150							50-200			100-300			
设备 总电功率	燃轻油KW Light Oi	4	8	10	10	18	26	26	26	46	46	46	66	78	98	115	115	132	
	燃气KW Gas	4	8	10	10	18	25	26	26	46	46	46	64	72	95	110	110	128	
炉 内 容 油 量 m³ Oil Capacity in the Boile		0. 1	0. 15	0. 25	0. 3	0. 5	0. 8	0. 85	1. 1	1. 2	1. 7	1. 9	3. 5	3. 8	4. 2	6. 2	7	10. 5	
锅炉外形尺寸mm Extenal Dimensions of Boiler		1600x 1020×	1930x 230×	2100x 1380×	2200x 1390×	3240x 1470x	3300x 670×	3830x 1770×	4145x 1900x	4600x 2000×	5020x ME	5080x 2200x	983x 2420x	6555x 2470×	7285x 2570×	7800x 3050x	8200x 3050×	10000x 3600x	
锅炉运输重量T Transportation Weight of Boiler		1. 5	2	2. 58	3	3. 7	5	5. 8	6. 7	7. 8	8. 8	9. 8	15. 5	17. 8	21. 5	25	27. 5	32	
进 油 口 DN Oil Inlet		45	65	80		100	125			150				200			250		300
出 油 口 DN Oil Outle		45	65	80		100	125			150				200			250		300
膨胀罐 m³ Expansion Tank		0. 5		1. 5			2		2. 5			3			5		6		
储 油 罐 m² Oil Tank		1		2. 5			4		5			8			10		15		
Φ 烟囱直径mm Chimney Diamete		200	280				350				400		500			600	700		800

★因技术革新变更参数，恕不另行通知，以图纸尺寸为准。
★ To ond because of the chango of technological innovation and paramotors, without prior notice, the drawing sizo shall prevail.

RF High-and-Mdeium Temperature Hot Blast StoveRF

系列高中温热风炉



锅炉特点 Characteristics

1. 采用多头螺旋槽片换热技术和紊流原理，全钢板多层套管式结构，热效率高。

2. 无压力运行。

3. 供热温度高加热范围广，热风温度可因需调节。

4. 以空气为介质，热风干净，无污染。

5. 特别适于水资源贫缺地区使用。
- 本公司有多年生产历史，具有丰富的运行经验，供热范围在150- 550C。 对温度高于550℃的供热装置，本公司提供高温热风炉已达到技术要求。公司和清华大学热力系华鲁技术开发公司共同研制开发高、中，低温热风炉，河南独家通过省质监部门产品质量认定。

- 1.The products have high heating efficiency due to the adoption f the technology of multi-head spiral groove plate heat exchange and the structure of turbulent flow multi-layer cashing.

2 Pressure free operation

3.High temperature of heat supply and wide range of heating; adjustable hot wind temperature;

4.The hot wind is clean and pollution- free because the air is used as the medium;

5.Particularly suitable for areas with shortage of waterresources.

Our company has years of experience in this industry. The heating range of the products is 150--550'℃ and the high- and- medium temperature hot blast stoves of the company have met technical demands for heating devices of over 550'℃. The hot blast stoves of high, medium and low temperatures are jointly developed y our company and Hualu Technology Development Company of Department of Thermodynamics of Tsinghua University and the products are the only products in Henan Province that have passed certification of the quality supervision authority in the province.

热风炉系列技术参数

Performance Parameters for Hot Boast Stove

项目Item 型号Model	LRF-10	LRF-20	LRF-30	LRF-40	LRF-60	LRF-80	LRF-100	LRF-120	WRF-160	WRF-200
额定供热量 Rated heating amount (kcal/h)	10万	20万	30万	40万	60万	80万	100万	120万	160万	200万
使用温度 Use Temperature(℃)	150-500									
工作介质 Working Medium	空气Air									
设计燃料 Design of fuel	烟煤、轻油、天然气 Bituminous coal,light oil and natural gas									
设计热效率 Design Thermal Efficiency%	85									
外形尺寸 mm Overall Dnensions (mm)	1050×2150	1260×2450	1370×2626	1840×3750	1950×3950	2060×4350	2250×4550	2400×5400	4550×3600 ×4500	5250×3600 ×4800
耗煤量 Coal Consumption (kg/h)	15	32	48	65	98	120	150	180	256	360

HORIZONTAL BIOMASS PELLET STEAM BOILER

卧式生物质燃料蒸汽锅炉

锅 炉 特 点C h a r a c t e r i s t i c s

◆节能环保采用最新气化燃烧技术，设置了先进的气化旋转燃烧室，内置旋流二次配风，使燃料燃烧更加充分。并采用高效传热元件螺纹烟管，配以合理的烟气流速，使锅炉热效率更加提高。热效率高达82%以上。锅炉采用国家推广的绿色可再生生物质木质颗粒燃料，CO 达到零排放，烟尘排放浓度小于50mg/m³，烟气黑度小于林格曼1级，各项指标均达到国家一类地区环保标准。

◆运行费用低由于锅炉本身所使用的燃料木质生物质颗粒是属于国家支持推广的新型环保燃料，是一种可再生资源。具有热值高，成本低、来源广泛的特点。其运行成本仅是电锅炉的四分之一，燃油（气）锅炉的二分之一以下。

◆自动化程度高数字集成控制器，可按用户设定自动控制燃烧工况。操作简单方便，自动点火，自动上料，自动清灰，与燃油、燃气锅炉操作同等方便。

◆安全采用高标准，高质量的辅机，附件和自动控制设备，保证锅炉安全、稳定运行。

◆外观新颖锅炉设计美观大方。

◆ Energy-saving and environment-friendly: The adoption of advanced gasified burning technology,includingthe gasified spiral burning chamber and embedded device of second distribution of spiral turbulence,makes the burning of fuels more efficient

Threaded flues,which are efficient in heat transmission.and reasonable flowing speed of smoke,push thermal efficiency to 85% and higher.The adoption of biomass pellet fuel enableds zero CO emission.With the density of discharged smoke lower than 50mg/m and blackness of exhaustion lower than Ringelmann level, all date has stisfied national environmental protection standard for type-1 areas.

◆ Low operation cost: Biomass pellet is a new environment-friendly renewable fuel promoted By the government it features hige heationg value, low cost and easy accessibility.The operation cost of the boiler is only 1/4 of that of electric boilers and is 1/2 lower of that of oil(gas) boilers.

◆ Highly automatic:The digital integrated controller enables users to set up auto control so as to control the burning.The operation is as simple as that for oil and gas boilers and it features automatic ignition,material-fending and ash clearing.

◆ Safe:Quality auxiliary machines,accessories and auto-control equipment guarantee safe and stable operation.

◆ Good appearance:The appearance of the boiler is well-designed and looks beautiful.



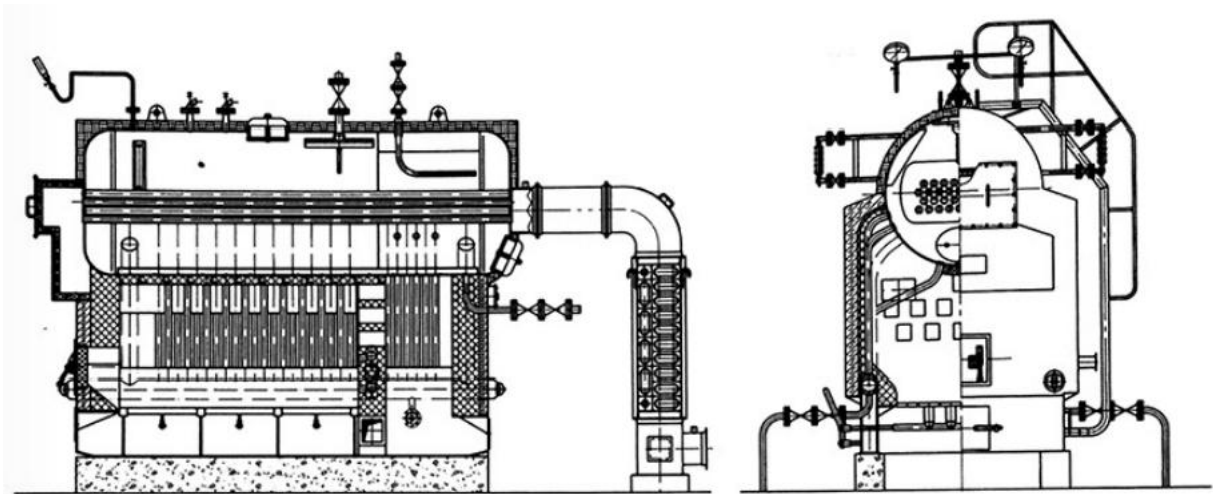
生物质颗粒燃料是在燃料应用上的一项重大研究成果，它是利用秸秆、水稻杆、薪材、木屑、花生壳、瓜子壳、甜菜粕、树皮等所有废弃农作物，经粉碎—混合—挤压—烘干等工艺，最后制成颗粒状燃料。它的原材料分布广泛，加工工艺先进，生物质颗粒燃料以绿色煤炭著称，是一种洁净能源。作为锅炉的燃料，它的燃烧时间长，强化燃烧炉膛温度高，而且经济实惠，同时对环境无任何污染，可代替木柴、煤、天然气，是高效节能的环保产品。

Biomass pellet fuel is a significant achievement in scientific research of fuel application. which makes uses of crop wastes including straw,rice stalks, firewood. wood cuttings, peanut shells. sunflower seeds, beet dreg and bark. gets them processed through crushing, mixing, squeezing and drying, then turns them into granular fuel. With wide dis-tributed raw materials and advanced processing technology,biomass pellet fuel is known as green coal and a clean energy source. As fuel of boiler,it has long combustion period and high temperature in strengthen-combustion fur-nace meanwhile.which is economical and practical. brings no pollution to the environment and an efficient and ener-gr-conserved environment-friendly product substituting for wood. coal and natural gas.

性能参数表

Perfomance parameters table

型号 Model	额定蒸发量 Rated Capacity th	额定工作压力 Rated Working Pressure Mpa	额定蒸汽温度 Normal Steam Temperature℃	受热面积 Heating Area M ²	炉排面积 Grace Area M ²	排烟温度 Exhaust Gas Temperature℃	设计热效率 Decian Therme Efficient%	外形尺寸(m) Overall dimension (m)
DZH1-1.25-T (SCI	1	1.25	194	52.9	1.8	106.2	82.88	4.3×2.0×2.9
DZL1-1.25-T (SCI)	1	1.25	194	52.9	1.8	132	84.85	4.7×2.0×3.0
DZH2-1.25-T (SCI	2	1.25	194	82	3.36	130.2	82.45	5.1x2.4×3.2
DZL2-1.25-T (SCI)	2	1.25	194	89.4	3.45	157	82.61	5.4x2.4×3.5
DZH4-1.25-T (SCI)	4	1.25	194	131.4	4.8	156	82.38	5.78×2.6×3.24
DZL4-1.25-T (SCI)	4	1.25	194	136.3	5.9	162.3	82.87	6.2×2.95×3.35
DZH6-1.25-T (SCI)	6	1.25	194	243.6	7.16	126.6	82.95	7.6×2.85×3.66
DZL6-1.25-T (SCI)	6	1.25	194	217.9	8.2	121.1	82.42	7.8×2.85×3.65



DZH 系列燃生物质蒸汽锅炉简图
DZH series steam boiler burning biomass diagram

DZL series chain grate biomass steam boiler

DZL 系列生物质链条炉排蒸汽锅炉



haracteristics

本产品采用链条炉排，适用燃料为成型颗粒燃料，可加少量木条、木块，也可与煤混烧。

(1)采用拱型管板与螺纹烟管组成锅筒，使锅筒由准钢性体变为准弹性体结构，取消了管板区的拉撑件，减少了应力。管板内烟管由两回程改为单回程，解决了管板裂纹的难题。

(2)锅筒下部由于布置了上升管排，消除了锅筒底部的死水区，使泥渣不易沉积，锅筒高温区能得到良好的冷却，预防了锅筒下部鼓包。

(3)采用高效传热螺纹烟管，获得了强化传热效果，达到锅炉升温、升压快的特点，提高了锅炉的热效率。

(4)结构紧凑，与同类型锅炉比较，外形尺寸小，节省锅炉房基建投资。

(5)运行稳定、调整方便、出力足。

(6)采用螺纹烟管强化传热，提高了传热系数和热效率，由于烟气在管内有扰动作用。烟管内不易积灰，起到自清扫的作用。

(7)炉膛内的八字墙、出口烟窗部分均有一定降尘作用。使锅炉的原始排尘浓度控制在标准以下。保证了锅炉烟尘排放达到国家环保规定的指标。

(8)独特的双层二次风设计，改善了生物质燃料着火条件，采用了独立风室，达到了合理布风，使炉膛内形成一个有利于燃烧的空气动力场，使得燃烧温度高、燃烧效率高。

性能特点:

(1)可实现模拟控速燃烧，不会产生爆燃；

(2)通过调整控速二次风量，可控制燃烧引燃速度；

(3)前后拱布置二次风，保证颗粒分解后的飞灰二次燃烧，燃烧效率高；

(4)采用鳞片式链条炉排，机械化进料。进料均匀，燃烧稳定，控制方便，具备不宜回火，机械清灰方便的特点。

This boiler adopt chain grate,suitable for molding pellet fuel,can add a small amount of wood wood block,also can bum with coal.

(1)The drum is consist of arched tube plate and thread smoke tube.so the drum is changed from the rigid body to quasi-elastic body.Canceled the braced pieces of tube plate area,reducing the stress.Smoke tube in tube plate become single backhaul from two return,this solve the problem of tube sheet cracks.

(2)Due to the layout of riser tube row in lower part of the drum.it elininate dead water zones at the bottom,so that is not easy to deposit sludge,the drum high temperature zone can get good cooling, prevents the swell in the drum lower part.

(3)Adopt high heat transfer threaded pipe,obtained the strengthening heat transfer effect,achieve the characteristics of fast heating and fast boosting,improves the thermal efficiency of boiler.

(4)Compact structure,compared with the same type boiler,small appearance size and save boiler room infrastructure investment.

(5)Running stably,convenient adjustment,high output.

(6)Use the threaded smoke pipe to enhance heat transfer,improved heat transfer coefficient and thermal efficiency.due to there are disturbances in the flue pipe,smoke tube is not easy to fouling, it play a role of self-cleaning.

(7)The chamber aliform wall and export smokestack parts play a role of faling the dust.It control the original dust emission concentration below the standard.to ensure the boiler soot can reach the indexes of national environmental protection regulations.

(8)The unique double secondary design improved the ignition conditions of biomass fuel,adopt the independent wind chamber to achieve the reasonable ventilation,and form a air dynamic field which is beneficial to burn in the chamber of stove,achieve the higher combustion temperature and higher combustion efficiency.

Perfomance characteristics

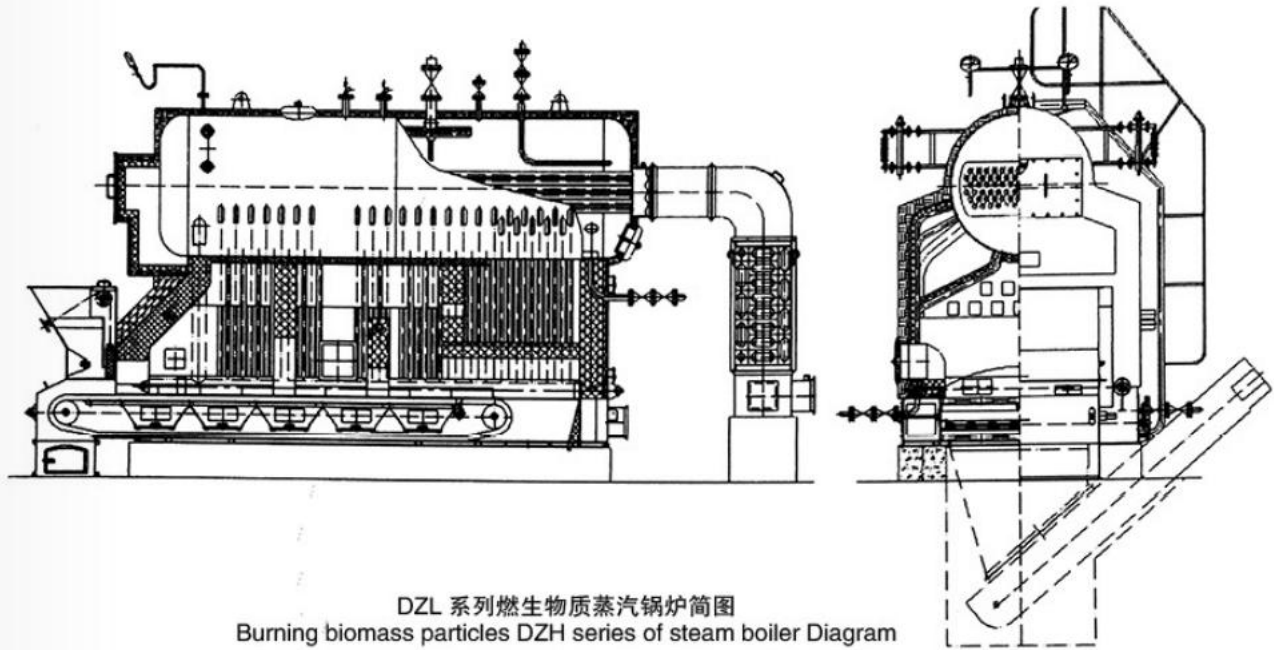
(1)Can achieve the simulation speed combustion,won't produce explosion;

(2)By adjusting the secondary speed air volume control the speed of combustion ignition;

(3)The arch before and after arrange the secondary air ,ensure secondary combustion of the fly ash after the particles decomposed,improve the combustion efficiency;

(4)Adopt scale chain grate to achieve mechanized feed, feed uniformly,combustion stability.easy to control,noteasy to temper,easy to cleaning.

诚信 · 优质 · 节能 · 环保



性能参数表

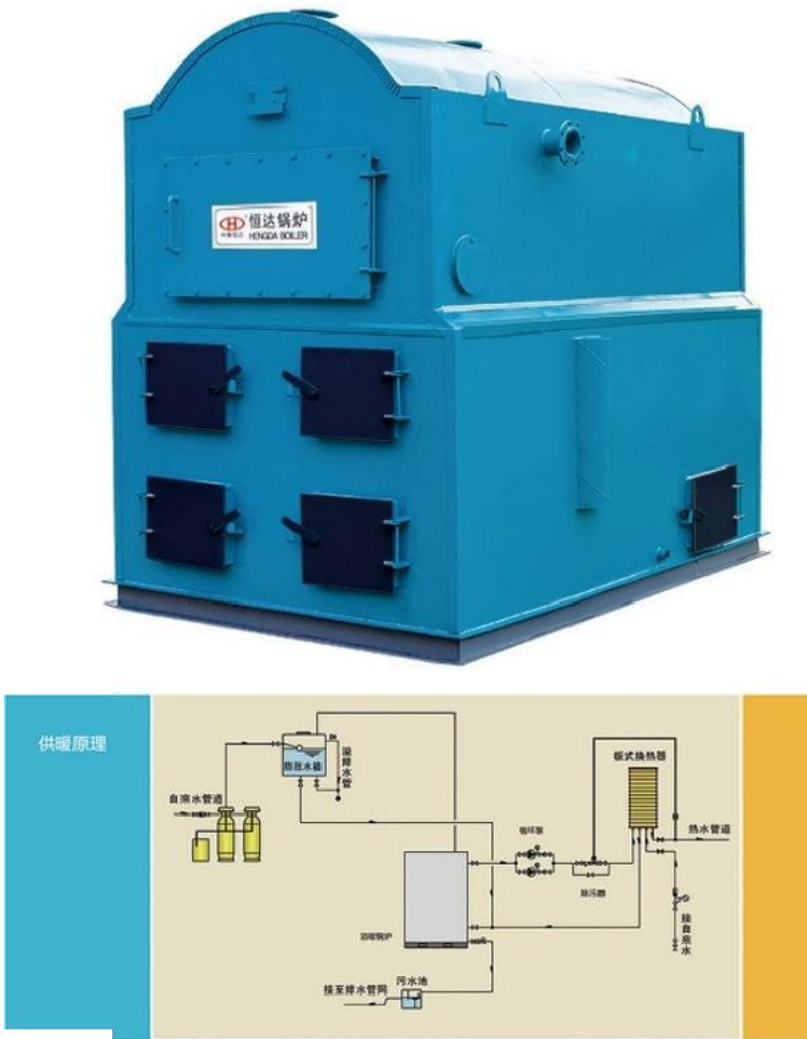
Perfomance parameters table

型号Type		DZL1-1.0-T(SC1)	DZL2-10-T(SC1)	DZL4-1.25-T(SC1)	DZL6-1.25-T(SC1)	DZL8-1.25-T(SC1)	DZL10-1.25-T(SC1)
项目Item		DZL1-1.25-T(SC1)	DZL2-1.25-T(SC1)	DZL4-1.6-T(SC1)	DZL6-1.6-T(SC1)	DZL8-1.6-T(SC1)	DZL10-1.6-T(SC1)
额完基发量 (/h)		1	2	4	6	8	10
额定蒸汽压力 (MPa)		1.0/1.25	1.0/1.25	1.25/1.6	1.25/1.6	1.25/1.6	1.25/1.6
额定蒸汽温度 (℃)		184/194	184/194	194/204	194/204	194/204	194/204
额定给水温度 (℃)		20	20	20	20	20	20
受热面积 (m²)	本体	~33	~58.78	~107.98	~170	~200	~250
	省煤器	10.56/20.7	27.72	52,48/65.4	87.2	98	174
炉排有效面积 (m²)		2.22	3.45	6.2	7.95	9.75	10.77
燃料种类		生物质颗粒成型燃料					
锅炉燃料消耗量 (kg/h)		~200	~394.54	~823.3	~1200	~1600	~2010
排烟温度 (℃)		~150	~137.47	~127.6	~150	~150	~150
最大运输件重量 (t)		17	19.14	22.5	35	45	33(上部)Upside
最大运输件尺寸		5.1x2.2x3	5.4x2.4x3.1	6.5x2.75x3.4	8.2x2.9x3.8	8.1x3.1x3.8	28(下部)Underpart
长*宽*高 (mm)		Overall dimension of biggest part of transportation					
		5.1x2.2x3	5.4x2.4x3.1	6.5x2.75x3.4	8.2x2.9x3.8	8.1x3.1x3.8	7.7x3.2x3.6
							8.6x3.0x2.6

★注：参数仅供参考，若有变动以实际图纸为准。
★ Notes: parameters are for reference only,if any changes should follow actual drawings.

CWHB Series Biomass Particle Bath Warm Smokeless Boiler

CWHB 系列生物质颗粒浴暖无烟锅炉



锅炉特点 Characteristics

- 1、节能：比普通锅炉节省30%以上，燃料排烟温度低，受热面积大。
- 2、环保：本锅炉采用了反烧气化技术，不需附加除尘脱硫装置，就能达到消烟除尘脱硫。使锅炉燃烧时无烟、无尘、无硫。
- 3、自控：本锅炉采用了自动水温控制技术。只需输入模式就能达到自动化控制，省时省力。
- 4、不结水垢：锅炉外置换热器，生水不进锅炉，通过换热

- 器循环加热，自然损耗小不易损坏。
- 5、升温快：锅炉点火5—10分钟即可供应洗浴热水、供暖用水，水温最高85度以下任意调节。
1. Energy saving: more than 30% less than ordinary boilers, low fuel exhaust temperature and large heating area.
2. Environmental protection: the boiler adopts reverse combustion gasification technology, which can achieve smoke

- elimination, dust removal and desulfurization without additional dust removal and desulfurization device. Make the boiler smoke-free, dust-free and sulfur-free during combustion.
3. Automatic control: the boiler adopts automatic water temperature control technology. Only input mode can achieve automatic control, saving time and effort.
4. No scaling: the boiler is equipped with an external heat

- exchanger, raw water does not enter the boiler, and is heated circularly through the heat exchanger, which has small natural loss and is not easy to be damaged.
5. Fast temperature rise: the boiler can be ignited for 5-10 minutes to supply bathing hot water and heating water, and the maximum water temperature can be adjusted below 85℃.

CWHB 系列生物质颗粒浴暖无烟锅炉技术参数

CWHB Series Biomass Particle Bath Warm Smokeless Boiler Technical Parameter

名称Name		型号Model	CWHB0.7	CWHB1.05	CWHB1.4	CWHB1.75	CWHB2.1	CWHB2.8
输出功率 Output power	MW		0.7	1.05	1.4	1.75	2.1	2.8
额定发热量 Rated Caloriic Value	万大卡		60	90	120	150	180	240
工作压力 Rated Working Pressure	MPa	常压Atmospheric Pressure						
出1同水温度 Outlet/Back Water Temperature	℃	85/60						
热效离 Thermal Eficiency	%	≥ 85						
适用燃料 Usage of Fuel		生物质颗粒/煤/木柴Biomass Paricle/Coal/Firewood						
供暖面积 Heating area	m²		6000	9000	12000	15000	18000	24000
受热面积 Heating area	m²		38.5	65	90	130	150	160
炉排面积 Grate Surface Base	m²		1.8	2.6	3.8	4.6	4.86	5.86
锅炉水容积 Boiler Water Volume	m³		1.8	2.8	3.2	3.6	4.2	5.2
接口尺寸 Interface Size	出/回水 Outlet/Back Waler	DN	80	80	100	100	125	150
	排污 Blowdown	DN	40	40	40	40	40	40
	烟囱 Chimne	DN	200 x 400	250 x 400	300 x 600	350 x 600	350 x 800	400 x 1000
运输尺寸 Transportation Size	长 Length	mm	2700	3000	3400	3500	3600	4300
	宽 Width	mm	1500	1700	1900	2000	2200	2200
	高 Height	mm	2500	2600	2700	2800	2800	3000

CWHB Automatic Biomass Hot Water Boiler

CWHB 自动生物质热水锅炉



characteristics

- 1、节能：比普通锅炉节省30%以上，燃料排烟温度低，受热面积大。
- 2、环保：本锅炉采用了反烧气化技术，不需附加除尘脱硫装置，就能达到消烟除尘脱硫。使锅炉燃烧时无烟、无尘、无硫。
- 3、自控：本锅炉采用了自动水温控制技术。只需输入模式就能达到自动化控制，省时省力。
- 4、不结水垢：锅炉外置换热器，生水不进锅炉，通过换热器循环加热，自然损耗小不易损坏。
- 5、升温快：锅炉点火5—10分钟即可供应洗浴热水、供暖

- 用水，水温最高85度以下任意调节。
1. Energy saving: more than 30% less than ordinary boilers, low fuel exhaust temperature and large heating area.
2. Environmental protection: the boiler adopts reverse combustion gasification technology, which can achieve smoke elimination, dust removal and desulfurization without additional dust removal and desulfurization device. Make the boiler smoke-free, dust-free and sulfur-free during combustion.
3. Automatic control: the boiler adopts automatic water

temperature control technology. Only input mode can achieve automatic control, saving time and effort.

4. No scaling: the boiler is equipped with an external heat exchanger, raw water does not enter the boiler, and is heated circularly through the heat exchanger, which has small natural

loss and is not easy to be damaged.

5. Fast temperature rise: the boiler can be ignited for 5-10 minutes to supply bathing hot water and heating water, and the maximum water temperature can be adjusted below 85℃,

性能参数表
Perfomance parameters table

名称Name		型号Model	CWHB0. 7	CWHB1. 05	CWHB1. 4	CWHB1. 75	CWHB2. 1	CWHB2. 8
输出功率 Output power	MW		0. 7	1. 05	1. 4	1. 75	2. 1	2. 8
额定发热量 Rated Calorific Value	万大卡		60	90	120	150	180	240
工作压力 Rated Working Pressure	MPa	常压Atmospheric Pressure						
出/回水温度 Otol/Rack Water Temperature	℃	85/60						
热效率 Thermal Efficiency	%	≥85						
适用燃料 Usage of Fuel		生物质颗粒/煤/木柴Biomass Particle/Coal/Firewood						
供暖面积 Heating area	m²		6000	9000	12000	15000	18000	24000
受热面积 Heating area	m²		38. 5	65	90	130	150	160
炉排面积 Grate Surlace Base	m²		1. 8	2. 6	3. 8	4. 6	4. 86	5. 86
锅炉水容积 Boiler Water Volume	m³		1. 8	2. 8	3. 2	3. 6	4. 2	5. 2
接口尺寸 Interface Size	出/回水 Outlet/Back Water	DN	80	80	100	100	125	150
	排污 Blowdown	DN	40	40	40	40	40	40
	烟肉 Chimney	DN	200 x 400	250 x 40	300 x 600	350 x 600	350 x 800	400 x 1000
运输尺寸 Ttransportator Size	长 Length	mm	3700	4000	4400	4500	4600	5300
	宽 Width	mm	1500	1700	1900	2000	2200	2200
	高 Height	mm	2500	2600	2700	2800	2800	3000

CDZL/H Series Horizontal Atmospheric Hot Water Boiler

CDZL/H 系列卧式常压热水锅炉



锅炉特点 Characteristics

卧式生物质热水锅炉受热面采用水冷壁管加螺纹烟管三回程结构，在炉膛前后拱处设置二、三次配风装置，使生物质成型颗粒实现半气化燃烧，有效的减少了不完全燃烧造成的损失，具有结构合理、受热面积大、热效率高、燃烧充分、无污染、低排放等特点。

1、 锅炉型式为卧式快装水火管锅炉、热水系统为自然循环。

2、 该锅炉换热系统由锅筒、左右集箱、水冷壁组成，主要受热面有炉膛水冷壁，部分锅筒和锅筒内对流管束。

The heating surface of the horizontal biomass hot water boiler adopts the three return structure of water wall tube and threaded smoke tube, and the secondary

and tertiary air distribution devices are set at the front and rear arches of the furnace, so that the biomass briquette can realize semi gasification combustion, effectively reduce the loss caused by incomplete combustion, and has the characteristics of reasonable structure, large heating area, high thermal efficiency, sufficient combustion, no pollution and low emission.

1.The boiler type is horizontal fast loading water fire tube boiler, and the hot water system is natural circulation.

2.The boiler heat exchange system is composed of drum, left and right header and water wall. The main heating surface is furnace water wall, and some drum and convection tube bundle in drum.

CDZL/H 系列卧式常压热水锅炉技术参数

CDZL/H Series Horizontal Atmospheric Hot Water Boiler Technical Parameter

名称Name		型号Model	CDZH0.7 CDZL0.7	D7414 CDZL1.4	CDZH2.1 CDZL2.1	CDZH2.8 CDZL2.8	CDZL4.2	CDZL5.6	CDZL7
输出功率 Output powe	MW		0.7	1.4	2.1	2.8	4.2	5.6	7
额定发热量 Rated Calorific Value	万大卡		60	120	180	240	360	480	600
工作压力 Rated Working Pressure	MPa	常压Atmospheric Pressure							
出/回水温度 Outlet/Rack Wate Temperature	℃	85/60							
热效率 Thermal Efficiency	%	≥86							
适用燃料 Usage of Fuel		生物质颗粒/煤/木柴Biomass Particle/Coal/Firewood							
供暖面积 Heating area	m²		6000	12000	18000	24000	36000	48000	60000
受热面积 Heating area	m²		31	69.5	100	126	138	173	233
炉排面积 Grate Surface Base	m²		1.85	2.8	3.4	4.6	7.8	10.4	12.8
锅炉水容积 Boiler Water Volume	m³		2.1	3.3	4.6	5.8	6.6	8.5	10.3
耗电功率 Dowef Consumption	KW		8.5	13.6	16.2	38.5	55.6	68	94.5
接口尺寸 Interface Size	出/回水 Outle/Back Water	DN	80	125	125	150	150	200	200
	排污 Blowdown	DN	50x 2	50 x 2	50x 2	50x 3	50x3	50× 3	50x 3
	烟囱 Chimney	DN	300 x 150	500 x 250	800 x 315	1100 x 400	1400 x 500	1700 x 600	2000 x 700
运输重量 Transport Weight		T	13/15	18/20	21/24	23/26	35	46	58
运输尺寸 Transportation Size	长 length	mm	3880	4460	4890	5274	7320	7735	8400
	宽 Width	mm	1840	2240	2350	2440	2733	3020	3264
	高 Height	mm	2800	3150	3486	3570	3620	3881	4538

Successful Cases 成功案例



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