



## 贯通式蒸压釜

THROUGH-TYPE AUTOCLAVE

### 产品简介 Product Introduction

贯通式蒸压釜是一种体积大，重量重的大型快开门式压力容器，是我公司吸引国内外先进技术，结合国内相关指标而研发的新产品。它的结构非常简单，主要由釜体、釜盖、支座、阀门仪表及安全附件构成，广泛应用于玻璃蒸养、重金属冶炼、橡胶制品、木材干燥和防腐处理等。

贯通式蒸压釜是双端釜，是对加气混凝土砌块、管桩、灰砂砖、煤灰砖、微孔硅酸钙板、新型轻质墙体材料、保温石棉板、高强度石膏等建筑材料进行蒸养的大型压力容器，在釜内完成 $\text{CaO}-\text{SiO}_2-\text{H}_2\text{O}$ 的水热反应，从而达到使坯体更加坚硬的目的。它通常需要和锅炉配合才能完成蒸养工作，是建筑材料蒸养不可缺少的设备。

The through-type autoclave is a kind of large quick-opening pressure vessel with large volume and heavy weight, is a new product developed by our company attracted domestic and foreign advanced technology and combined with relevant domestic indicators. Its structure is very simple, mainly composed of autoclave body, autoclave cover, support, valve instruments and safety accessories, and widely used in glass steaming, heavy metal smelting, rubber products, wood drying and anti-corrosion treatment.

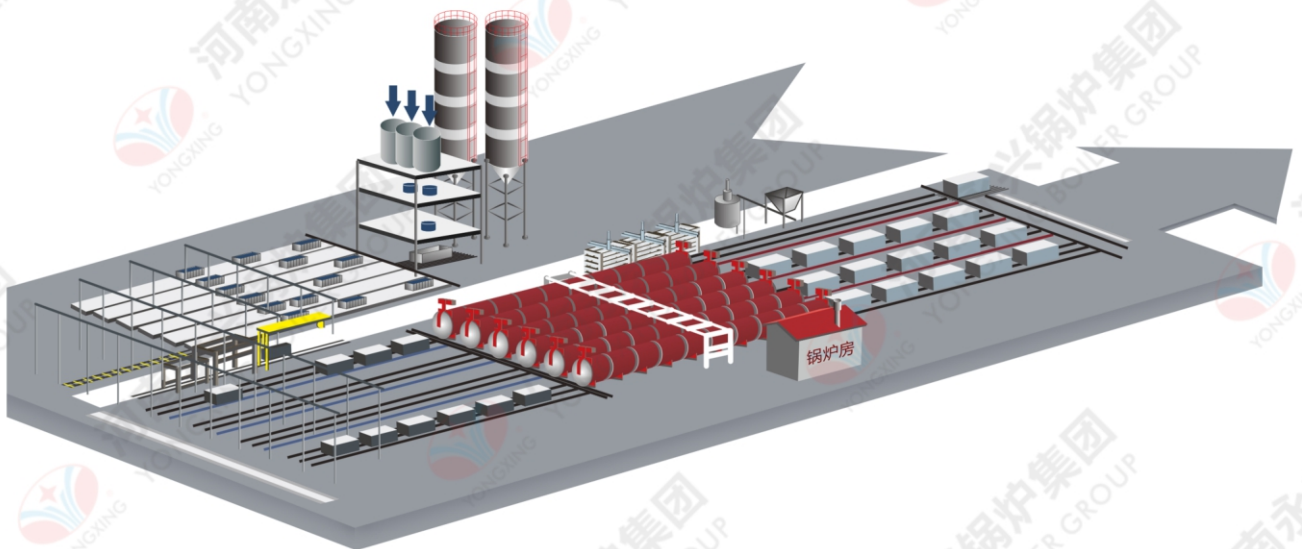
Through-type steam autoclave is double-end autoclave, is large pressure vessel for steaming aerated concrete block, pipe pile, lime-sand brick, fly ash brick, microporous calcium silicate board, the new light wall material, insulation asbestos board, high-strength gypsum building materials, water-heat reacting of  $\text{CaO}-\text{SiO}_2-\text{H}_2\text{O}$  inside the kettle, so as to achieve the goal that the adobe more hard. It usually needs to cooperate with boiler to complete the steaming, which is an indispensable equipment for building materials steaming.

## 性能特点 Performance Characteristics

- 该蒸压釜设计先进，制造工艺严谨，符合国家相关规范
- 采用专业厂家生产的进口橡胶密封圈密封釜门，既提高了密封性，也提高了使用寿命
- 手动及自动安全联锁保护装置的使用，既方便了工人的操作，也确保了工人的安全
- 釜体内件除有常规的蒸汽分配管和导轨外，还专门设置了密封汽防冲罩和输水罩
- 对蒸压釜和釜体的各零部件进行了ANSYS有限元分析计算，保证了蒸压釜性能的安全可靠，提高了使用寿命
- 受压部件的焊接全都采用自动化，主要焊缝100%自动焊，100%X光射线探伤，保证了质量
- 生产和组织灵活，可以最大限度地利用蒸压釜的生产能力，提高产量，而且不受场地的限制
- 贯通式蒸压釜可以一端入釜，另一端出釜，减少了坯体进出釜的时间，提高了生产效率

- The design of the autoclave is advanced, the manufacturing process is rigorous, in line with relevant national standards.
- The use of professional manufacturers of imported rubber sealing ring sealing autoclave door, not only improving sealing, but also improving the service life.
- The use of manual and automatic safety interlock protection device not only facilitates the operation of workers, but also ensures their safety.
- In addition to the conventional steam distribution pipe and guide rail, the vessel is specially equipped with a sealed steam shield and water shield.
- ANSYS finite element analysis and calculation were carried out for all parts of the autoclave and the autoclave body, which ensures the safety and reliability of the autoclave and improved its service life.
- The welding of the pressure parts is all automated. The main welding lines are 100% automatic welding and 100% X-ray inspection, which ensures the quality.
- Flexible production and organization to maximize the production capacity of the autoclave, increase production capacity, and are not subject to site limitations.
- The through-type autoclave can enter the autoclave at one end and leave the autoclave at the other end, which reduces the time for the adobe to enter the autoclave and improves the production efficiency.

## 系统图 System Diagram





## 技术参数 Technical Parameters

### 贯通式蒸压釜 Through-Type Autoclave

型号规格 Model And Specification Unit	釜体内径 Autoclave Body Inner Diameter (M)	有效长度 Effective Length (M)	最高工作压力 Maximum Working Pressure (Mpa)	最高工作温度 Max Working Temperature (°C)	设计压力 Designed Pressure (Mpa)	设计温度 Designed Temperature (°C)	工作介质 Working Medium	总长度 Total Length (M)	宽度 Width (M)	高度 Height (M)
FGZCS 1.0-1.65xL	Φ1.65		1	183	1.1	187	饱和蒸汽 冷凝水 Saturated Steam Condensate	L+0.65	2.619	2.595
FGZCS 1.3-1.65xL	Φ1.65		1.3	195	1.4	198		L+0.65	2.619	2.595
FGZCS 1.0-2.0xL	Φ2.0		1	183	1.1	187		L+0.9	2.965	3.225
FGZCS 1.1-2.0xL	Φ2.0		1.1	187	1.2	192		L+0.9	2.965	3.225
FGZCS 1.3-2.0xL	Φ2.0		1.3	195	1.4	198		L+0.9	2.965	3.225
FGZCS 1.5-2.0xL	Φ2.0		1.5	201	1.6	204		L+0.9	2.965	3.255
FGZCS 1.3-2.2xL	Φ2.2		1.3	194	1.4	197		L+1.3	3.288	3.43
FGZCS 1.5-2.2xL	Φ2.2	根据用户 要求制定	1.5	201	1.6	204		L+1.3	3.288	3.43
FGZCS 1.3-2.4xL	Φ2.4		1.3	194	1.4	197		L+1.56	3.154	3.917
FGZCS 1.5-2.4xL	Φ2.4	Customized According To Clients' Requirements	1.5	201	1.6	204		L+1.56	3.154	3.917
FGZCS 1.3-2.5xL	Φ2.5		1.3	195	1.4	197		L+1.56	3.254	4.017
FGZCS 1.5-2.5xL	Φ2.5		1.5	201	1.6	204		L+1.56	3.254	4.017
FGZCS 1.3-2.68xL	Φ2.68		1.3	194	1.4	197		L+1.754	3.28	4.143
FGZCS 1.5-2.68xL	Φ2.68		1.5	201	1.6	204		L+1.754	3.28	4.143
FGZCS 1.3-2.85xL	Φ2.85		1.3	194	1.4	197		L+1.754	3.58	4.493
FGZCS 1.5-2.85xL	Φ2.85		1.5	201	1.6	204		L+1.754	3.58	4.493
FGZCS 1.3-3.0xL	Φ3.0		1.3	194	1.4	197		L+1.8	4.537	4.66
FGZCS 1.5-3.0xL	Φ3.0		1.5	201	1.6	204		L+1.8	4.537	4.66
FGZCS 1.3-3.2xL	Φ3.2		1.3	194	1.4	197		L+1.9	4.74	5.131
FGZCS 1.5-3.2xL	Φ3.2		1.5	201	1.6	204		L+1.9	4.74	5.131

相关案例 Related Project



2018.4.25 福建省三明市锦官板业有限公司1台FGZCS-1.3-2\*26  
2018.4.25 One set of model FGZCS-1.3-2\*26 autoclave in Fujian Jingong Wood Plate Industry Co.,Ltd



2018.4.16 广西银亿新材料有限公司1台FGZCS1.3-2\*27.5  
2018.4.16 One set of model FGZCS1.3-2\*27.5 autoclave in Guangxi Yinyi New materials Co.,Ltd



2016.10 河南金邦重工机械贯通式蒸压釜1台FGZCS1.5-2\*27.5  
2016.10 One set of model FGZCS1.5-2\*27.5 through-type autoclave in Henan Jinbang Heavy industry machinery Co.,Ltd



2016.06.15 江西星明建材有限公司2台 FGZCS1.3-2\*31.5  
2016.06.15 2 sets of model FGZCS1.3-2\*31.5 autoclaves in Jiangxi Xingming Construction Materials Co.,Ltd

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Office: Room 2612, South tower, Greenland center, Zhengdong new district, Zhengzhou city, Henan province.