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Product Name : Food Steam Boiler	**Product Code :** MACHEQ-F-M9501005



Description :

Food Steam Boiler

Technical Specification :

Gas boiler is a horizontal fast-loading internal combustion three-way fire tube boiler. The use of biased furnace wet back structure, high temperature flue gas followed by the second and third return smoke pipe, and then by the smoke after the chimney into the atmosphere. The boiler is equipped with movable front and rear smoke box cover, which makes boiler maintenance easy. Boiler configuration with good technical performance burner, using a combustion automatic proportional adjustment, automatic adjustment of water supply, start and stop the program, fully automatic operation of advanced technology and has a high and low water level alarm and very low water level, ultra-high steam pressure, flameout and other automatic protection . The boiler has the characteristics of compact structure, safe and reliable, easy operation, quick installation, less pollution, low noise and high efficiency.

main feature:
1, the overall structure is reasonable and compact, is a boiler island, in line with the factory conditions of fast loading. This product is shipped from the factory consists of three major components; boiler host, chimney and piping systems, of which the host and the chimney part of the factory has been completed, the host supporting the pipeline valves, instruments have been properly loaded, transported to the scene host And the chimney assembly can be. On-site access to air, power, water pipe to test. Greatly reduce the installation cycle, and to ensure product quality.

2 advanced design performance.
The boiler main body is an integral structure, the burner is assembled on the front smoke box cover, the main body is arranged heating surface and the combustion chamber part. The utility model has the advantages of

reasonable structure, compactness, low consumption of steel, a furnace with a bias wave furnace, a new type of lightweight thermal insulation material for the thermal insulation layer, a color thin plate for the outer packaging, and a rectangular parallelepiped shape package, so that the performance, weight, , The appearance of the shape with the domestic capacity compared with the product has obvious advanced and beautiful sense.

The boiler water supply equipment is configured on the right side of the boiler boiler base to make it as one with the host, without another basis.
3, simple water circulation, pressure parts structure is reasonable, under the condition of ensuring water quality, safe operation.
4, complete auxiliary equipment, advanced comprehensive technical performance.

The working process of the boiler:
Fuel from the outside air into the burner through automatic adjustment, automatic ignition function to produce high-temperature flame, from the front end of the furnace into the burnout room, burned room on the rear side of the convection heating surface, through the front of the smoke box into the second The convection heating surface leaves the boiler from the back of the smoke stack to the stack and into the atmosphere. Ruoyin due to improper ventilation smoke can be settled in the front and rear of the smoke box, burning indoors, open the inspection door can be all cleaned up. The working fluid is saturated with steam and is heated by the main steam valve to the operating system.

Rated evaporationï¼ˆt/hï¼‰	1	2	3	4	6	8	10	15
Rated steam pressureï¼ˆMPaï¼‰	0.7	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Rated steam temperatureï¼ˆâ„ƒï¼‰	170.4	193.4	193.4	193.4	193.4	193.4	193.4	193.4
Feed water temperatureï¼ˆâ„ƒï¼‰	20	20	20	20	20	105	105	105
Design efficiencyï¼ˆ%ï¼‰	88.4	89	89	89	88.4	88.9	88.9	91
Adapt to coal species	Light diesel, heavy oil, natural gas, liquefied gas, city gas							
Fuel consumption Light diesel oilï¼ˆKg/hï¼‰	63	126	189	260	377	552	662	1026
natural gasï¼ˆNm3/hï¼‰	82	160	240	320	453	634	783	1174
Heating areaï¼ˆm2ï¼‰	22.54	54.2	78.7	121	146.1	205	243	312
Boiler maximum shipping weightï¼ˆtï¼‰	4.5	9.0	10.0	13.5	15.0	22.0	25.0	30.0
Boiler transport sizeï¼ˆmï¼‰ï¼ˆLxWxHï¼‰	3.7x1.9 x2.2	4.7x2.3 x2.5	4.7x2.5 x2.8	5.3x2.6 x2.8	5.6x2.7 x3.0	6.4x3.0 x3.2	7.3x3.0 x3.2	7.5x3.3 x3.6
Boiler installation dimensionsï¼ˆmï¼‰ï¼ˆLxWxHï¼‰	4.3x2.5 x3.1	5.4x2.7 x3.4	5.6x2.9 x3.7	6.3x3.0 x3.7	7.1x3.2 x4.1	7.5x3.3 x4.1	8.4x3.3 4.1	8.8x3.3 x4.6

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