

HYBRID SERIES

SOLID FUEL FIRED HOT WATER BOILER

5 PASS SOLID FUEL FIRED- BIOMASS HOT WATER BOILER



Hot Water Heating Capacity
580 kW - 11.600 kW



Operating Pressure
3-16 Bar



Design Type
Fire-Tube, Water-Tube, Scotch Type,
5 Pass, Custom Design



Fuel Design
Automatic Loading from the Bottom with
Auger Feeder, Lignite Coal, Hazelnut Coal,
Pellet, Olive Pomace, Olive Pit, Wood,
Wood Chips, Wood Dust, Sawdust,
Plywood Waste, Particleboard Chips,
Hazelnut Shell

POWERFUL COMBUSTION
**ECONOMICAL
HEATING**

Capacity Table

Model	Thermal Capacity (kcal/h)	Thermal Capacity (kW)	Thermal Capacity (MW)
Hybrid SS 500	500.000	580	0,58
Hybrid SS 600	600.000	700	0,70
Hybrid SS 700	700.000	800	0,80
Hybrid SS 800	800.000	900	0,90
Hybrid SS 900	900.000	1.000	1,00
Hybrid SS 1000	1.000.000	1.100	1,10
Hybrid SS 1250	1.250.000	1.500	1,50
Hybrid SS 1500	1.500.000	1.750	1,75
Hybrid SS 2000	2.000.000	2.300	2,30
Hybrid SS 2500	2.500.000	2.900	2,90
Hybrid SS 3000	3.000.000	3.400	3,40
Hybrid SS 3500	3.500.000	4.000	4,00
Hybrid SS 4000	4.000.000	4.500	4,50
Hybrid SS 5000	5.000.000	5.900	5,90
Hybrid SS 6000	6.000.000	7.000	7,00
Hybrid SS 8000	8.000.000	9.300	9,30
Hybrid SS 10000	10.000.000	11.600	11,60

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Hybrid Series - Solid Fuel Hot Water Boiler

<https://www.ekotekkazan.com/product/hybrid-series-solid-fuel-hot-water-boiler>

About the Product

Hybrid Series solid fuel hot water boiler is designed to burn lignite coal, olive pomace, nut shells, and other granular fuels while providing high efficiency.

Description

The air provided by the fan for primary combustion ensures a controlled and clean, smokeless burn. Compared to standard boiler designs, it offers up to 15% fuel savings. It is safe, with no risk of explosion due to the buildup of combustible gases.

Detailed Description

Our boilers operate quietly, preventing noise pollution. With its elegant appearance, it seamlessly blends into its environment. The insulation used in our boilers minimizes heat loss, resulting in fuel savings.

For our Hybrid Series solid fuel hot water boilers, antifreeze can be used optionally to prevent freezing in the system. Our boilers are designed to burn fuel with a minimum of 4,500 kcal/h (flame temperature 1200°C). For burning lower calorific value fuel, please contact our company. They are easy to install and maintain.

All products used in production are certified materials. Our boilers, produced according to TS EN 497 standards, are certified with the 97/23/EC Pressure Equipment Directive module H Full Quality Assurance. Our products are manufactured using S235 JR quality steel. Our products are made with boiler tubes produced from P235GH and higher quality steel in accordance with TS EN 10217-2 standards.