

## EEI PELLETS MATIC

Automated boiler operation processes limit the manual operations to a minimum.

Apart from the functions available in EEI PELLETS model, the MATIC version includes pneumatic heat exchanger cleaning and automatic ash removal from the ash pan.

### MODELS



### FUEL



A1 Pellets



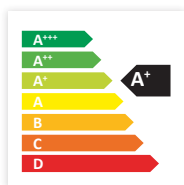
A2 Pellets



B Pellets



5 years of warranty + 2 years of extensions



High energy efficiency class!

The device has been awarded an ECODESIGN certificate, features A+ energy rating, energy efficiency and emission standards to Directive 2009/125/EC of 21 October 2009 and the COMMISSION REGULATION (EU) 2015/1189.



5 class



Ecodesign



MODELS	110	160	220	300
Heating surface [m²]	<b>650-1450</b>	<b>1000-1800</b>	<b>1300-2800</b>	<b>1500-3900</b>
Heat output range [kW]	<b>33-110</b>	<b>48-160</b>	<b>66-220</b>	<b>90-300</b>
Storage hopper capacity (option) [L]	<b>290; 295; 470; 770; 1510; 1540</b>			
weight [kg]	<b>960</b>	<b>1200</b>	<b>1800</b>	<b>2200</b>
weight - set [kg]	<b>1330</b>	<b>1800</b>	<b>2450</b>	<b>2950</b>

Detailed technical data of the device is available from the manufacturer or distributor. The manufacturer reserves design changes to the air heater to improve the performance of the device. The selection of device power was made for the IV climatic zone of Poland (max. temp. - 24°C).



290 L

295 L

470 L

770 L



1510 L



1540 (cascade system)





## Automatic boiler for demanding users

- **ECONOMY AND CONVENIENCE** - Our devices are compatible with certified class A1 pellet and economy class A2 and B pellet. Using low quality pellets no longer requires burner shutdown to remove the slag (cinders).
- **OMS PRO (OPERATING MONITORING SYSTEM)** - a remote monitoring and operating system developed by KOSTRZEWA for large pellet boiler rooms. The control system of a boiler and its function often does not meet all the requirements of the owner or boiler room operator. We have developed OMS PRO to provide additional functions: remote monitoring of the boiler room parameters, boiler cascade system monitoring, auxiliary heat source control, fuel storage and feeding system control, emergency and reserve conditions monitoring and many other functions. OMS PRO also allows real-time monitoring by our service department with remote access and technical support.
- **SELF-CLEANING BURNER** - burner cleaning has never been this easy - mechanical cleaning of the combustion chamber through the rotation of Platinum Bio SPIN's grate. The rotation frequency is programmed to remove excessive ash depending on the fuel used to reduce burner shutdowns interval from 3 days to about 2 weeks (depending on the ash content of the fuel).
- **LOW PELLET AND ENERGY CONSUMPTION** - Attention to the greatest convenience combined with low pellet and energy consumption. Energy efficiency is verified by the test results by the Accredited Research Laboratory. The highest performance is achieved by optimum use of all heating surfaces, including heat recovery from the ash. The boiler is thermally insulated and the combustion is controlled by a proprietary OMS PRO operating system supported by an oxygen sensor to set the optimum combustion and boiler operation parameters.
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## P3 control cabinet

The controller may be used in a non-controlled central heating circuit, a domestic hot water circuit and a controlled heating circuit (including the mixing valves). The heating circuit temperature can be set based on the weather compensation sensor signal. The compatibility with room thermostats allows to maintain comfort temperature in the heated rooms.

### System controls:

- fuel feeding from the storage hopper,
- burner feeder,
- pressure blower,
- ash removal motor,
- compressor,
- pneumatic cleaning nozzles,
- igniter,
- CH pump,
- return mixer,
- DHW pump,
- linear actuator,
- fuel level sensor,
- two mixing valves,
- buffer,
- heating circuit mixer,
- boiler/buffer pump,
- circulation pump (optional),
- auxiliary extension module (B) (option),
- auxiliary extension module (C) (option).

### Optional accessories:

- external temperature sensor,
- CH sensor,
- DHW sensor,
- return temperature sensor,
- colour ecoSTER TOUCH control panel with remote boiler control,
- EcoLAMBDA oxygen sensor,
- Internet module.



### INVESTMENT DEPARTMENT

REPRESENTATIVE OF INVESTMENT PROJECTS AND REDUCTION OF LOW EMISSION



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