

PBK type boilers are manually loaded biomass boilers with a large loading volume. These boilers are designed for heating residential, industrial, commercial, and other buildings. The boiler heat exchanger is tubular and horizontal. The boiler is equipped with turbulators to increase its efficiency. They are designed to burn fuel with moisture content up to 30%. Boilers of this type are manufactured with a power range from 100 kW to 950 kW.

Suitable fuels for these boilers are logs and bulk biomass. The efficiency coefficient of the boiler reaches up to 79%. The control range of this model boiler is 30%-100%.

- Boiler specification and functions:
- Boiler heat exchanger - tubular horizontal.
- The boiler is equipped with turbulators to increase its efficiency.
- Large bunker and service doors.
- Automated control of the combustion process.
- Various types of biofuel are possible.
- Combustion chamber lined with refractory (from 320 kW power).
- Primary and secondary air supplied for combustion.
- Automatic power adjustment based on the set thermofication temperature.
- Automatic adjustment of the primary air fan based on power demand.
- Automatic adjustment of the secondary air fan based on power demand (from 250 kW power).
- Smoke temperature control.
- Automatic draft maintenance in the bunker (included with the chimney fan).
- Automatic temperature maintenance in the heating circuit (2 different circuits).
- Possibility to connect a GSM module.
- Boiler controlled by an LCD screen.