

The automated wood pellet burners BISOLID are designed to utilize wood pellets with diameter from 6 mm to 8 mm (ENplus-A1). They could be installed on various hot water solid fuel boilers. The fuel and air are mixed under controlled way, which allows low pollutant emissions, high efficiency and increases the time between two cleanings.

- Pellet burners BISOLID are fully automated - ignition, flame monitoring, stopping the combustion process with special algorithms, including blowing, which ensures cleaning of the combustion chamber as well as easy and safe ignition.

- They have intuitive display for easier operation with light signalization of current functions.

- The new more perfect combustion control, expressed in modulation of fuel and fresh air, provides high efficiency of the facility and as a result lower fuel consumption.

- The control provides ignition and start of the burner at maximum power for fast reaching of the desired parameters. Then starts the actual modulation. For burners with regulating in stages is required manual intervention in order to achieve the same effect.

- Control of water pump according to the heat exchanger temperature.

- Noiseless operation and low consumption of electricity.

- Protections against back fire and freezing of the heat carrier.

- Protection of the circulation pump from blocking.

- Possibility for operation with room thermostat and weekly programmer.

- The standard equipment set includes fuel transport auger.

- Possibility to control flue gas fan for better chimney draft.

- Possibility for start and stop using of GSM module (this is an option).



### Pellet Burners with manual cleaning BISOLID HC

Pellet burners BISOLID HC possess of mechanism for manual cleaning of the combustion chamber. They dispose of all advantages of BISOLID burners.

- Manual mechanical cleaning of the combustion chamber using lever mechanism without opening of the boiler and without interrupting its operation

- Possibility for incineration of wood pellets with low quality and high ash content

Code	Type	Thermal capacity range (kW)	Nominal thermal capacity (kW)	Power consumption at ignition (A)	Electrical capacity (W)	Weight (kg)	Length (mm)	Height (mm)	Width (mm)
2506400315	GP 20_B18	5-18	18	4.5	<100 <sup>+1200</sup>	15.9	546	484	250
2506400322	GP 25_B	7-25	25	4.5	<100 <sup>+1200</sup>	15.9	546	484	250
2506400316	GP 32_B	10-32	32	4.5	<100 <sup>+1200</sup>	17.1	607	484	250
2506410315	GP 20_B18 hc	5-18	18	4.5	<100 <sup>+1200</sup>	15.9	546	484	250
2506410322	GP 25_B hc	7-25	25	4.5	<100 <sup>+1200</sup>	15.9	546	484	250
2506410316	GP 32_B hc	10-32	32	4.5	<100 <sup>+1200</sup>	17.1	607	484	250

+ at ignition