

# Woodviking

## Woodviking Pelletmaster

Simple - Versatile - Economical - Renewable Fuels



6 kW electrical  
immersion backup  
as standard

### Woodviking Pelletmaster

Pellets are a renewable biofuel that uses wood (e.g. sawing and chipping) as raw materials. Wood is compressed into pellets which provide a dense and thermally efficient energy source.

Water circulation heating requires a pellet boiler, a pellet burner, a feeding screw, and a pellet tank. Pellets flow automatically from the tank through the feeding screw to the pellet burner heating the boiler. The boiler heats the house through a radiator or underfloor heating system. Hot domestic water is provided by a boiler-mounted hot water supply coil.

The best pellet heating can be provided by a designated pellet boiler as the design of the latter takes into account the following features of pellet heating: ashes from biofuel, boiler cleaning requirements, and sufficient hot water amount.

Woodviking Pelletmaster is a new generation heating boiler specially designed for pellet heating. The boiler features vertical convection ducting that ensures high efficiency and

effectively prevents ashes and soot from forming on firing surfaces from biofuel. The boiler also has enough space for ashes, thus, increasing ash removal frequency. The boiler can be easily cleaned through large hatches at the front and on top. Large water volume and an efficient copper comb coil in the boiler ensure sufficient hot domestic water generation.

Woodviking Pelletmaster is a suitable heating boiler for many houses, both newly-built and reconstructed, due to a large power range (15 to 30 kW). The boiler is equipped with a 6 kW tubular electric heater as a standard but a 13 kW model is also available as an option.

Woodviking Pelletmaster can even be wood-fired temporarily by using additional equipment - a fire bar and hatches. If hot water consumption is particularly high we recommend installing a separate energy accumulator (e.g. GTV-500 l) with a boiler. The accumulator also makes it possible to use solar energy simultaneously with pellets.

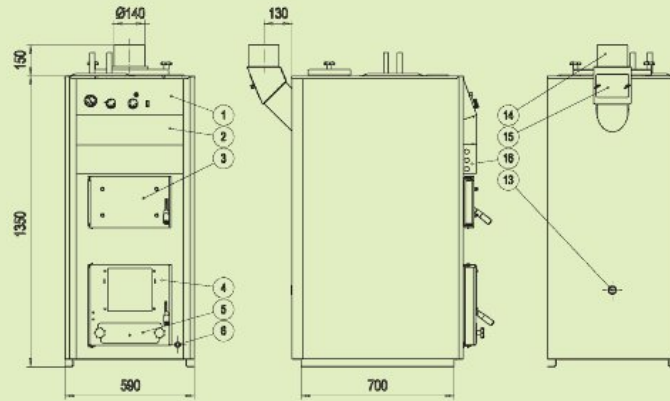
[www.woodviking.com](http://www.woodviking.com)

## Woodviking Pelletmaster: Technical data

Woodviking Pelletmaster provides high efficiency operation. Independent boiler tests in Sweden (Swedish Testing Institute) showed a capacity over 90% at 25 kW. Boiler operation and maintenance can be done at the front and on top. Sensors and instruments are located at a convenient height.

### Scope:

1. Control panel
2. Connection point (tubular electric heater behind the panel)
3. Maintenance hatch
4. Burner hatch
5. Ash port
6. R1/2" M-threaded drain connection
7. Cleanout
8. R1" F-threaded boiler connection
9. Hot water supply coil (flanged) Ø22 mm copper connections
10. R1/2" F-threaded sensor connection
11. R3/4" F-threaded mixing valve
12. R3/4" F-threaded draft regulator connection
13. R1" F-threaded expansion connection
14. Flue adapter (rotatable up and down)
15. Cleanout (to connect a draft equalizer)
16. Electr

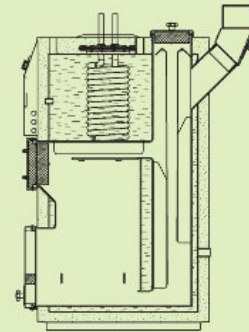
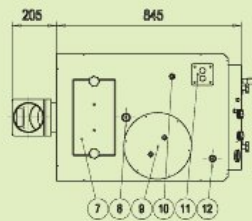


For example:  
Woodviking Pelletmaster  
Pellet boiler



20 kW pellet burner

250 l pellet tank



The standard scope does not include the pellet burner or tank in the picture.

Model	Boiler power, kW			Boiler dimensions, mm			Furnace dimensions, mm			Volume l	Weigh kg	Design pressure, bar	Design temp., °C
	Pellets	Wood	Electric	Height	Width	Depth	Height	Width	Depth				
Woodviking Pelletmaster	15-30	25	6 (13)	1360	600	840	750	290	480*	220	360	1,5	100

\*In case of pellet operation, the furnace depth is 480 mm. In case of wood operation - 380 mm. Stack recommendations: for a metal stack, min. Ø150 mm; for a brick stack, min. 160x160 mm<sup>2</sup> (approx. 250 cm<sup>2</sup>). Height - min. 5 m  
The additional adapter allows for up or down flue connection.

We reserve the right to modify design and dimensions.