



THERMOLEV

HEATING INDUSTRY

Biomass steel
boiler BMT series



ISO 9001:2008



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Biomass boilers of BMT series are manufactured according European standards ISO 9001:2008, EN 309, DIN 4702.

Technical description

Biomass boilers are manufactured from high steel quality ST 37-2.

The combustion chamber is made of special refractory materials to withstand high temperatures.

Biomass boilers has four exhaust trails and fuel movement take place through rhomboid diaphragm.

The cleaning of the boiler is really easy and it needs to be done in long terms.

Operation of BMT biomass boiler

· Operation with the electronic control panel is totally automated.

· The initial ignition of the boiler is achieved automatically and the operation is done easily from the room thermostat.

· Feeders operation are programmable in such a way that the feeder burner stays always empty.

· Burning material and the quality of it is strictly controlled.

· When room thermostat instructed boiler to stop, it stops the feeder tank and begin immediately the process of complete evacuation of the burner feeder.

Also with the increased power of the ventilator to maximum level is achieved the best possible cleaning of the burner as it minimizes unburnt material in the combustion chamber.

After this procedure boiler is turned off and ready to receive command from the room thermostat in order to start its operation again.

Biomass steel boilers BMT series are consisted from biomass boiler, biomass burner, electronic control panel, automated feeder system and fuel tank.

it can burn different kinds of solid materials such as:

· Pellets · Olive core · Coal · Wood

Wood and wood pellets are a renewable energy source.

Wood pellets have high heating efficiency due to low moisture and high density.

This product is easy to use and storage as their size is small. Delivered in 15kg packing.



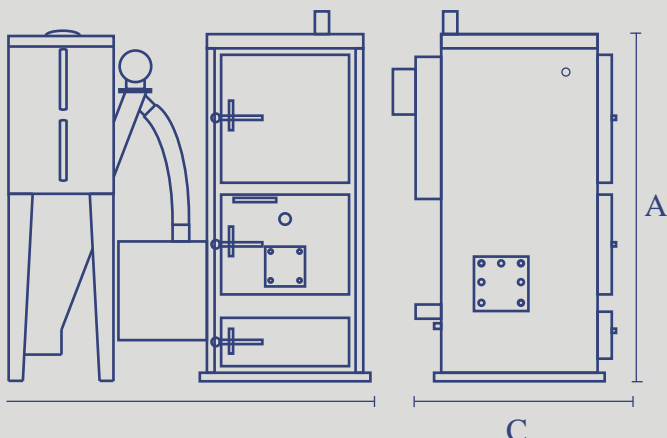
only with a touch of a button

biomass boiler is converted to wood and coal fired boiler. .

without to remove the silo, the burner or any other accessory

Manually feeding of the boiler.

Technical characteristics series



Type	45	65	90	110	130
Output (kw)	46,3	69,4	92,6	115,7	138,9
Operating voltage (v)	220	220	220	220	220
Height (mm)A	1220	1220	1440	1440	1540
Width (mm)B	1405	1405	1655	1655	1930
Length (mm)C	885	985	985	1085	1185
Weight (kg)	420	470	530	620	620
Capacity of the silo (It)	250	250	250	250	500
Output (watt)	360	360	360	360	360
Motor power (watt)	85	85	85	85	170
Blower supply max(m ³ /h)	400	400	400	400	800
Fitting boiler BM series	45	65	90	110	130