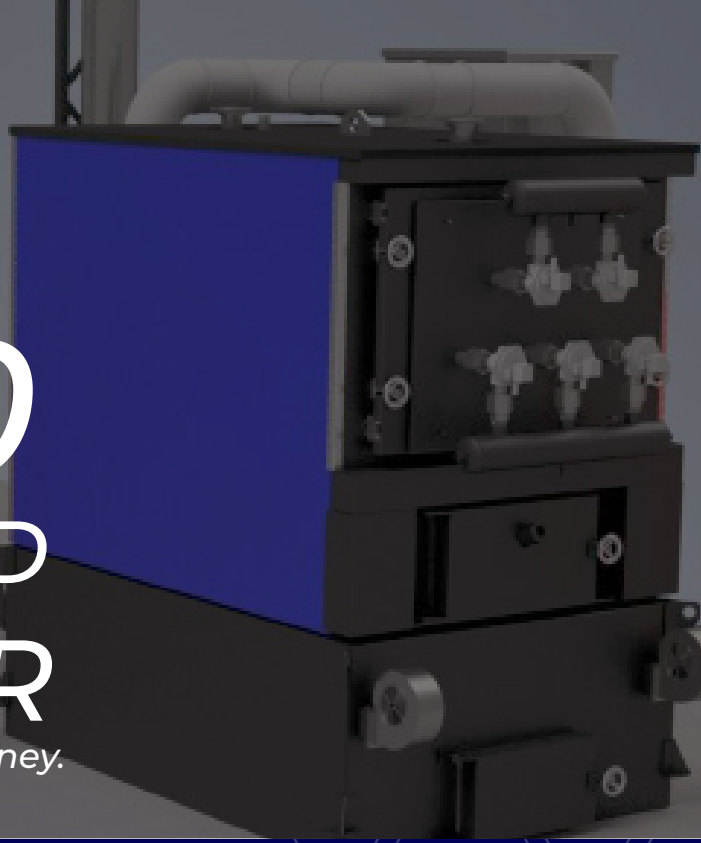


# RanHeat

## MSU 300 INDUSTRIAL WOOD WASTE BOILER

Turn your wood waste into energy and save money.



### KEY SPECIFICATIONS

	<i>Thermal Output</i>	300kW Sustained
	<i>Disposal</i>	47kg/hr, 8 tonnes/week of Wood Based Products
	<i>Pressure Vessels</i>	LTHW 110C, 6 Bar
	<i>Water Content</i>	3.1m <sup>3</sup>
	<i>Fire Chambers</i>	Fixed Arch, Water Cooled Arch, Flat Moving Grate, Stepped Moving Grate
	<i>Flue Gas Cleaning</i>	Multi Cyclone, Ceramic Filter, Flue Gas Recirculation, Oxygen Trim
	<i>Fuel</i>	Any wood or wood base products, including dust, MDF, Chipboard, OSB, Solid Grade Laminate.
	<i>Deashing</i>	Base Deashing, Flue Gas Deash, Fully Automatic Combined
	<i>Heating Systems</i>	Simple Thermostat, Smart Centrally Controlled, Energy Saving Inverter Control



## HOW DO MSU BOILERS WORK?

- Your wood waste – that is, offcuts, MDF, OSB, chippings, pellets, or even dust – goes into a combustion chamber.
- The combustion fires a heat exchange process, creating hot water at around 95oC (LTHW). Take this to feed your existing heat system, direct it for process heating, or convert to warm air for space heating.

## BENEFITS OF BIOMASS MSU

- Efficient, targeted heat where you need it.
- Range between 150-600Kw heat output.
- Burn up to 16 tons of wood waste per week.
- Hot water and heating from industrial waste wood.
- Sustainable and green energy.
- Reduce waste to landfill.
- Automatic or hand-loaded fuel input.



## HOW MUCH?

- This does depend on the requirements. We have different silo sizes, types of silos, combustion chambers so that you can get the right system for.
- Our MSU range typically costs between £40-250k, with most installations eventually paying for themselves in savings to the cost of wood waste disposal, and reduction in gas and electricity bills.

**Ran Heat**  
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## Contact Us

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