










# RanHeat

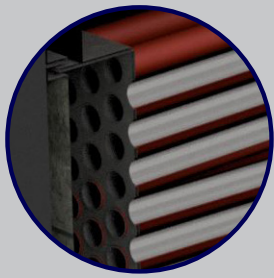
# MSU 600 INDUSTRIAL WOOD WASTE BOILER

Turn your wood waste into energy and save money.

## KEY SPECIFICATIONS

	<i>Thermal Output</i>	600kW, 2,000,000Btu/hr
	<i>Disposal</i>	85kg/hr, 10-16 tonnes/week Wood Based Products
	<i>Pressure Vessels</i>	LTHW 110C, 6 Bar, 12 Bar, 43 Bar Steam
	<i>Water Content</i>	4.1m <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 Combine
	<i>Heating Systems</i>	Simple Thermostat, Smart Centrally Controlled, Energy Saving Inverter Control

# KEY FEATURES



## BOILER TUBES

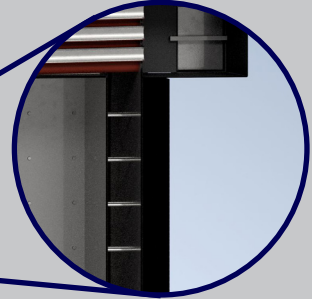
- Tubes are accessible and can easily be cleaned, maintained or replaced.

## 3 PASS DESIGN

- This is how the hot air transfers around inside the boiler

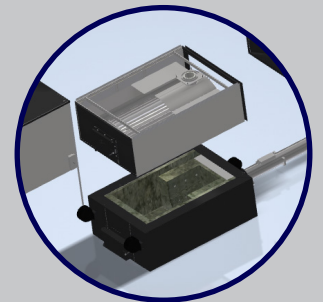
- 1 Radiant section
- 2 Boilers tubes second pass
- 3 Boiler tubes third pass

 = Direction of Heat



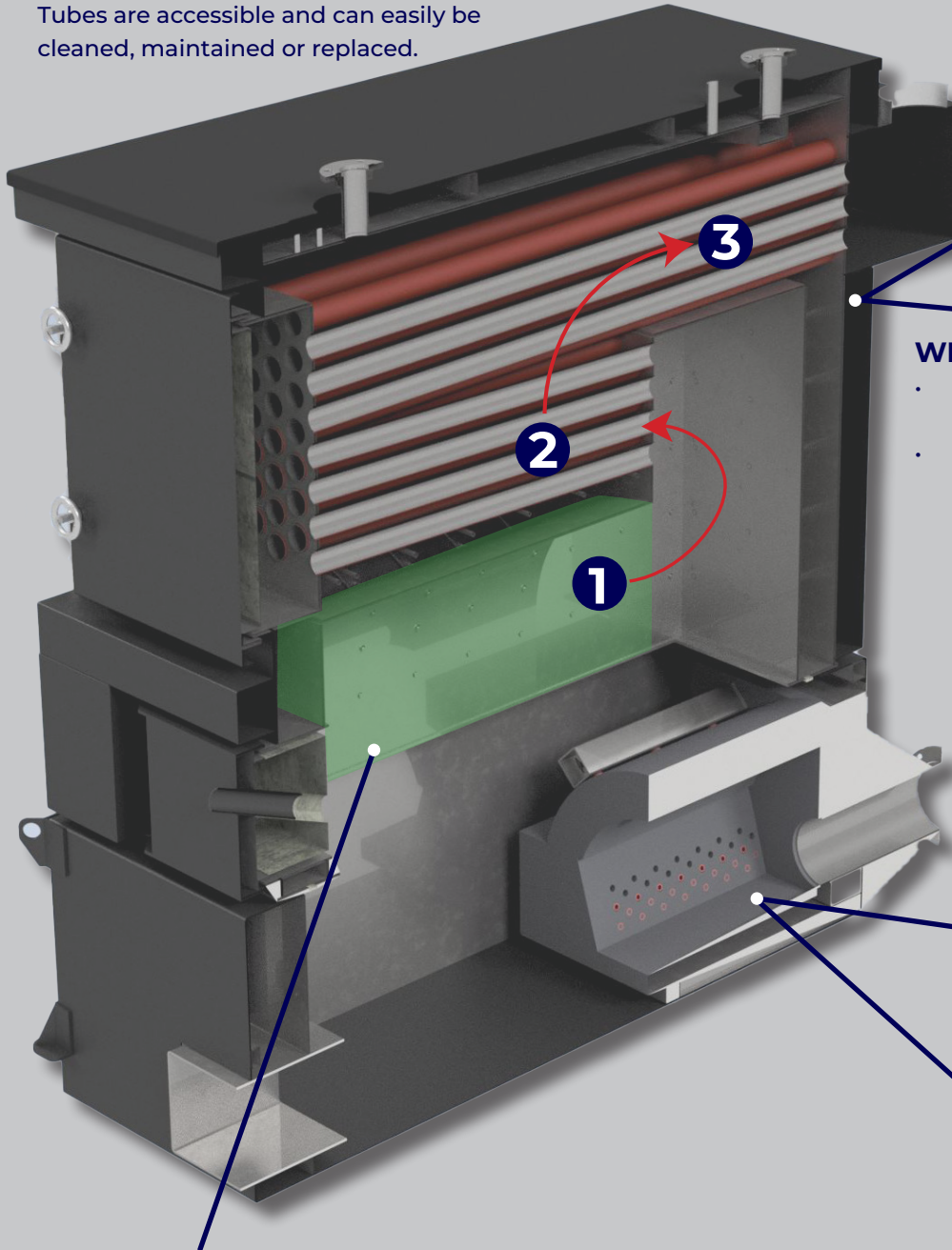
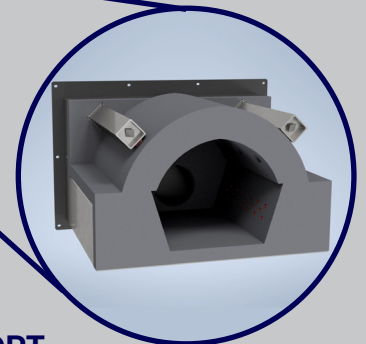
## WETBACK

- Improves efficiency by increasing the surface area available for heat exchange.
- Increases the lifetime of the system.



## MODULAR CONSTRUCTION

- Parts can easily be fixed or replaced.



## HORSESHOE DESIGN

- Shaped like a horseshoe this means more surface area and therefore better energy transmission.

 = Fire chamber

## SLIDE IN RETORT

- Retort can be slid into the boiler foundation.
- Making repairs/replacement easy.

**Ran Heat**  
Engineering Ltd

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