



KEY BENEFITS

- Eliminate your waste bill
- Power saving
- Proven Design
- Designed for local regulations
- Turn key project
- Reduce landfill
- Attractive ROI achievable

HEATPAK HEAT PLANTS

BIOMASS FIRED HEAT PLANTS

The Taylor Manufacturing series of biomass-fired heat plants has been in successful operation in New Zealand for over 100 years. Our plants are designed and optimised to meet local EPA guidelines and burn your biomass cleanly.


In utilising your available biomass as fuel, you can achieve significant returns not only by cutting your waste disposal bill, but also by improving your carbon footprint and generating a clean source of process heating. Process heating can be used for applications such as factory heating, kilns, spray booths, dryers, hot water, utilities, etc.

Our stoker-fed fuel delivery and ID fan system delivers a two-stage burn, allowing us to control and achieve a clean burn with minimal emissions. Our measured stack emissions are below 100mg/m³. We provide a manufacturer's guarantee of similar results.

Examples of standard-sized heat plants are shown below. Our extensive range covers outputs from 350kW to 3MW.

CONTACT US

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MODEL

MODEL	HEATPAK 350	HEATPAK 700	HEATPAK 1000
Hot water heater output	350kW	700kW	1000 kW
Water temp/pressure	90C flow - 70C return, 1.5 Bar	90C flow - 70C return, 1.5 Bar	90C flow - 70C return, 1.5 Bar
Fuel consumption (100% output -10% mC)	100kg/hr of woodwaste	200kg/hr of woodwaste	285kg/hr of woodwaste
Boiler Dimensions			
Hot water Pipe connections	Dia 65NB Hot water flow and return pipes to tank	Dia 65NB Hot water flow and return pipes to tank	Dia 65NB Hot water flow and return pipes to tank
Fuel type	Dust/chips/pellets/briquettes	Dust/chips/pellets/briquettes	Dust/chips/pellets/briquettes
Total Installed Electrical load	18kW (estimated)	22kW (estimated)	26kW (estimated)