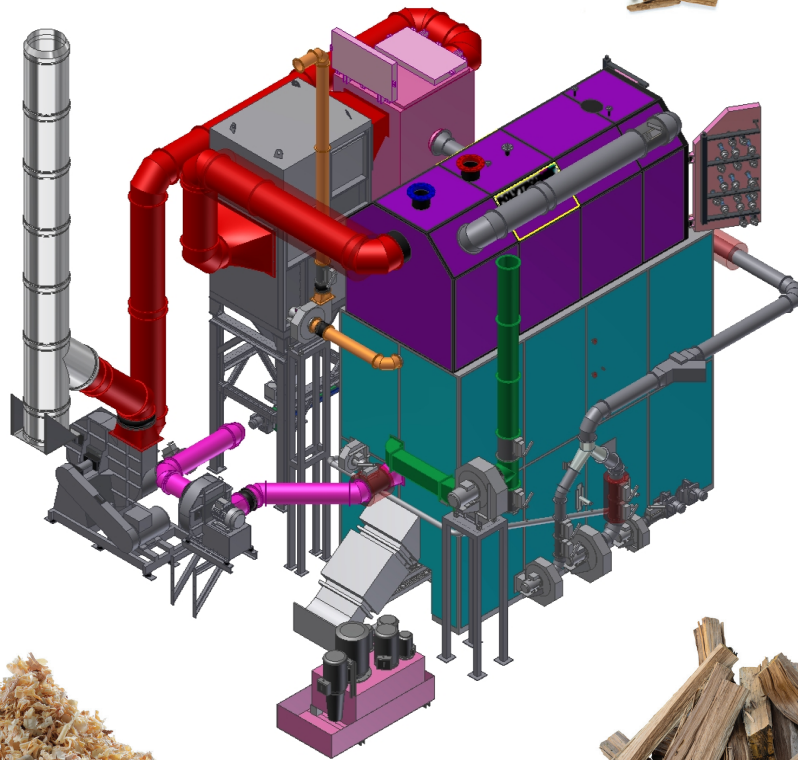




Biomass Energy for Industry

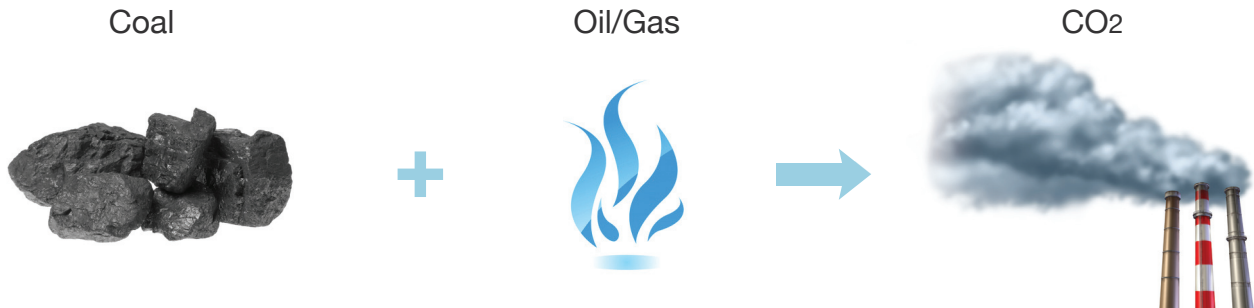
Change Your Way of Thinking



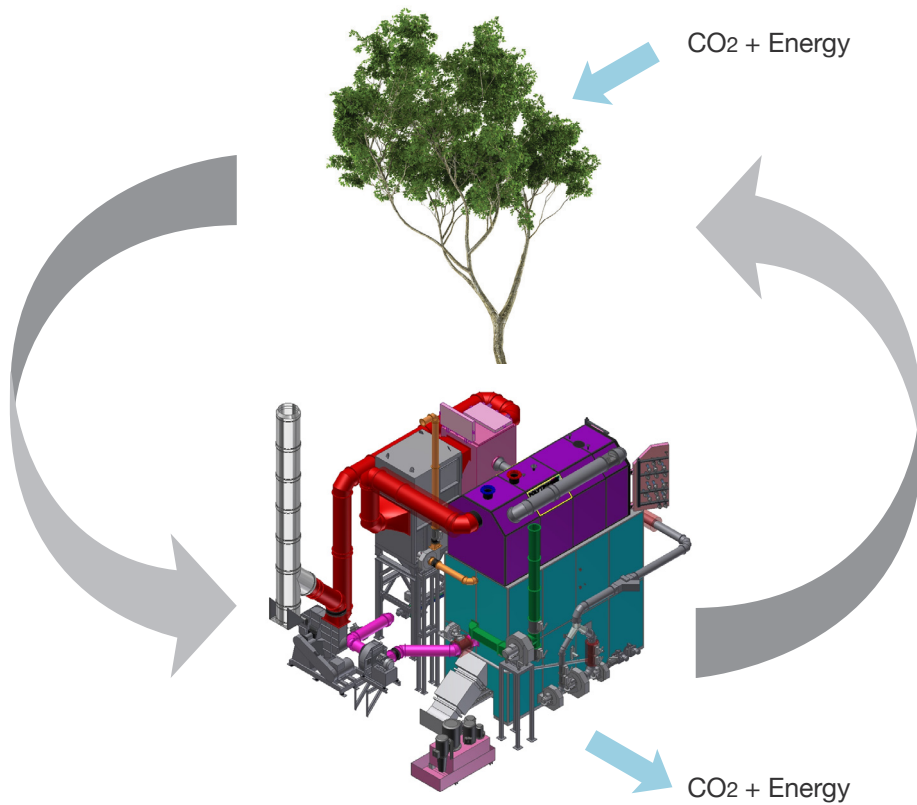


Why Biomass?

Whether you do it for the money or you do it for the environment, a biomass energy solution could revolutionise your business. Reduce your carbon emission and reduce your running cost with an investment in a biomass energy solution.



Combustion of coal, oil, gas and other fossil fuels increase the atmospheric levels of CO₂ leading to global warming.



Combustion of appropriately sourced biomass has a zero CO₂ emission and is often much cheaper than the fossil fuel alternative.

Save CO₂. Save Money.



Polytechnik

In the beginning there was fire, and now there is POLYTECHNIK! With headquarters located in Austria, Polytechnik has managed to supply over 2500 state of the art plants to all corners of the world. Now locally represented in Australia and New Zealand, Polytechnik has one plant installed and commissioned and four plants under construction here.

Simply put, Polytechnik is the world leader in energy generation from renewable energy sources. Supplying and installing low emission biomass fired boilers with a thermal output ranging from 300 kW to 30,000 kW in a single unit, Polytechnik is active in markets such as forestry and timber, domestic, industrial and district heating, power generation, food, and dairy.

There are many unique systems on offer, all customized to the end application. Different combustion systems are employed depending on the type and moisture content of the fuel. Different transfer mediums are used based on the load profile such as hot water, high temperature water, steam or thermal oil. The plants can be used to produce heating and process heat as well as to generate power (steam or ORC process).



Greenworks

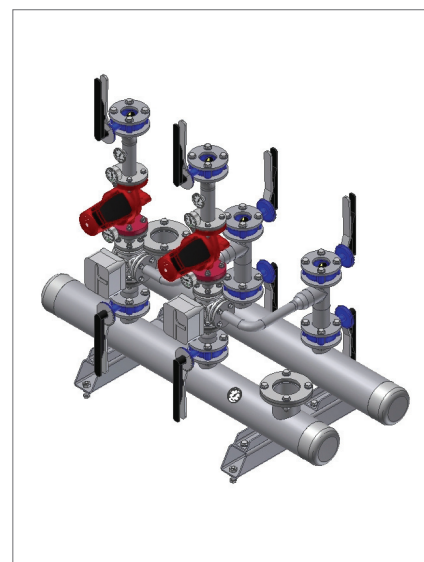
Over the last decade, Greenworks has become an expert in providing climate control systems to end users in the closed protected (commercial glasshouse) industry. Greenworks has delivered hundreds of engineered systems offering optimized cooling, heating, and water management to commercial projects with controlled spaces many hectares in size.

With dozens of thermal energy systems installed, Greenworks has become renowned for their expertise specifically in the field of biomass energy. Taking energy from renewable sources such as sawmill and forestry residues, macadamia shells, and manufacturing waste streams, Greenworks has been able to deliver energy solutions that not only reduce running costs but also reduce the end users carbon footprint.

Greenworks is part of the ICI Industries group which is privately owned and operated in Australia. Within the group capabilities are expanded through the other divisions to cover control automation and switchboard construction, irrigation projects and pumping stations, as well as various aspects of steel fabrication and construction. The group has extended reach and resources in all corners of Australia and prides itself on its customer focus and custom solutions.

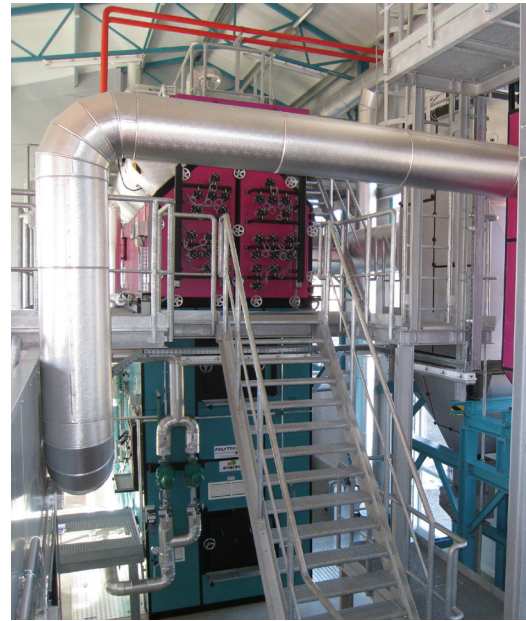
Together

The alliance between the two companies will provide Australian customers with turn-key solutions customised to their unique application. Every one of our customers and projects is cared for and managed individually, incorporating the knowledge of people who have been producing professional solutions in their field of expertise for many years.



Change Your Way of Thinking

POLYTECHNIK[®]
Biomass Energy



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