

Biomass Steam Boilers



Decades of experience transferring fibrous fuels into steam

- > High Pressure Denarad Boilers
- > Low pressure Boilers
- > Hot Water Boilers
- Steam capacity up to 400,000 lb/hr
- Steam pressure up to 2,100 psigSteam temperatures up to 1,000°F
- Natural circulation
- Water cooled membrane sidewalls
- ASME and/or International codes



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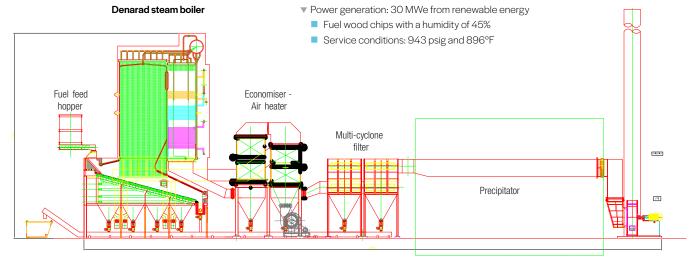


Main Strengths

- Proven technology
- Turnkey projects
- Specific solutions
- Operational flexibility
- High availability
- High steam purity
- Multiple fibrous fuels
- Site specialists

Wide range of applications on various biomass fuels

- Coffee grounds
- Fruit peels/pulp
- Bagasse
- Fruit pits
- Rice husk
- Saw dust
- Sunflower
- Wood bark
- Wood chips
- Wood logs
- Wood pellets
- Palm Trunks



Cogeneration biomass boiler

Power generation: 14 MWe from renewable energy >

- Fuel: rice husk with a humidity of 12%
- Service conditions: 972 psig 968°F

John Cockerill Energy Worldwide:

Belgium - USA - Canada - Mexico - China

Industrial boilers business line

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