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 psig
- Steam temperatures up to 1,000°F
- Natural circulation
- Water cooled membrane sidewalls
- ASME and/or International codes
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: 30 MWe from renewable energy
- Fuel: rice husk with a humidity of 12%
- Service conditions: 943 psig and 896°F

John Cockerill Energy Worldwide:
Belgium – USA – Canada – Mexico – China

Industrial boilers business line
- Erie, PA – USA Tel. +1 502 819 0614
- Belgium Tel. +32 3 860 08 60
industrial.boilers@johncockerill.com

johncockerill.com/industrial-boilers