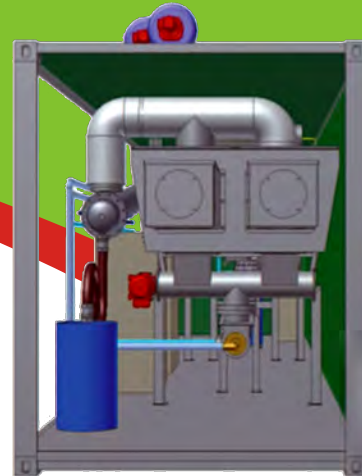
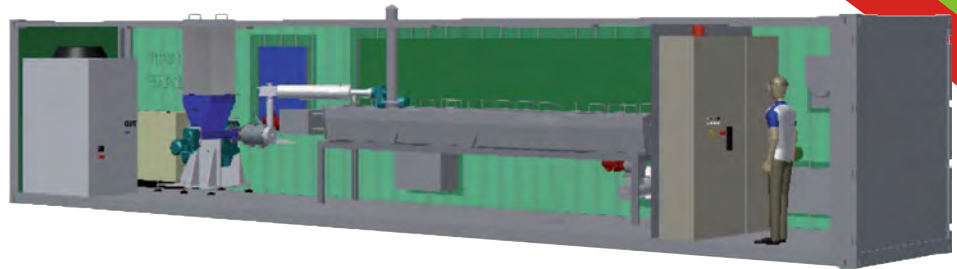


Mobile PyroGasiFication® Plant Module

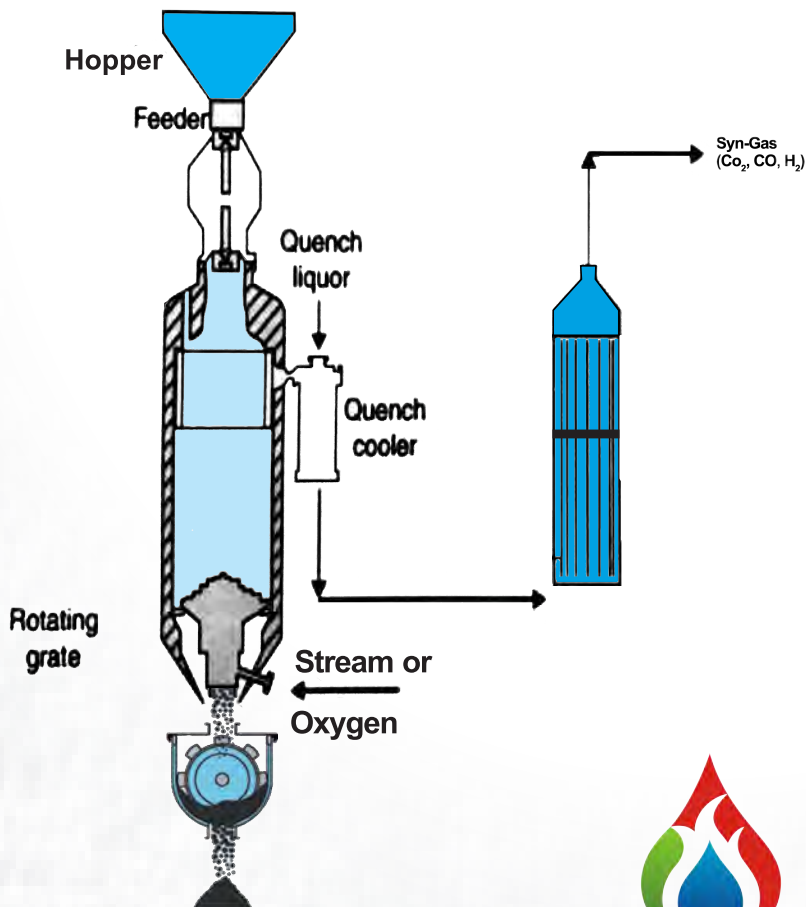
from 100KWe to 400KWe



PyroGasiFication® Modular Reactor



Biomass Wood Waste / Agriculture Residue



PYROTECH ENERGY PyroGasiFication® Plant Module

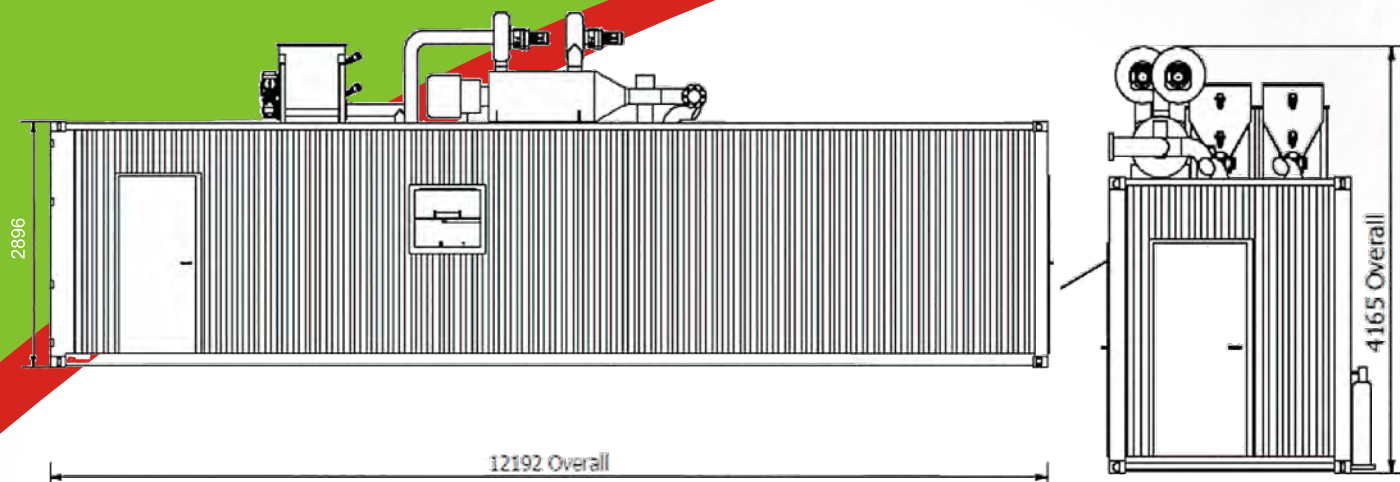


Convert on an average ratio 1, 2 kg/ 1 KWe/h
of wood waste and agriculture residue

- Compact and ready to use
- No installation, building or civil works
- Use where the biomass is, save transport



Pyrotech Gasification Modular Design



PYROTECH ENERGY GASIFICATION

CAPACITY

Up to 10 tons/day of feedstock based on 15% moisture content and feedstock particle size less than 15 mm.

FEEDSTOCK

Biomass, Wood Waste, Sawdust, MDF, Chip Board, Agriculture Residue, Sugarcane, Coconut Husk, Wheat Stubble, Rice Husk, Olive Stone, Peach Stone, Nut Shells, Grape Marc and Clippings.

STANDARD CONFIGURATION

Hopper and airtight dosing screw
Gas condensor and exhaust fan
Syngas combustion chamber
Biochar cooler
Transformer and control cabinet
Piping and wiring
40' container fully equipped
Manifold for a plug & play service
Pre-reception

PERIPHERALS

Conveyor Belt
Shredder /Grinder
Gas Generator
Dryer
Pelletizer

PyroGasiFication® SYSTEM OUTPUT

BIOCHAR

Up to 1.5 tons/day to be used as solid fuel with a 28 MJ/Kg HHV, soil amendment, soil sequestration, fertilizer, water retention material, activated carbon

SYNGAS

6.5 MJ/ Kg
Net electricity generation 400 kWe
Net thermal generation 1350 kWe

Based on 420 Kg/h of wood waste as Feed stock
23% moisture content
15mm particle size



WASTE TO ENERGY SOLUTION
Think Sustainable

Thermochemical Conversion into 24/7 Renewable Energy, Bio-Fuels & Bio-Chemicals

www.pyrotechenergy.com | Level 13/114 William st, Melbourne, 3000, Australia. Tel: 1300 714 305