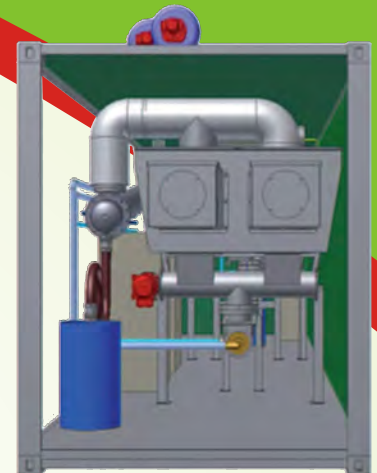
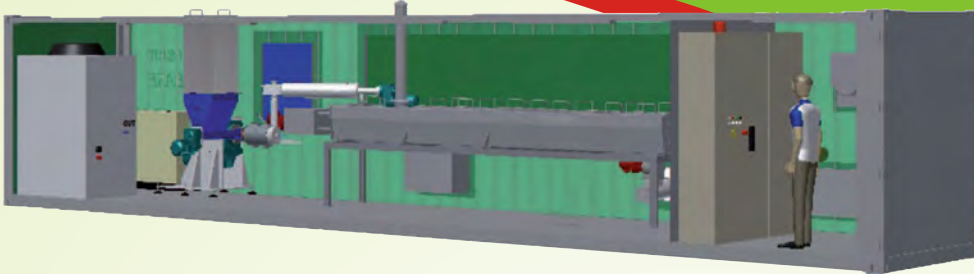
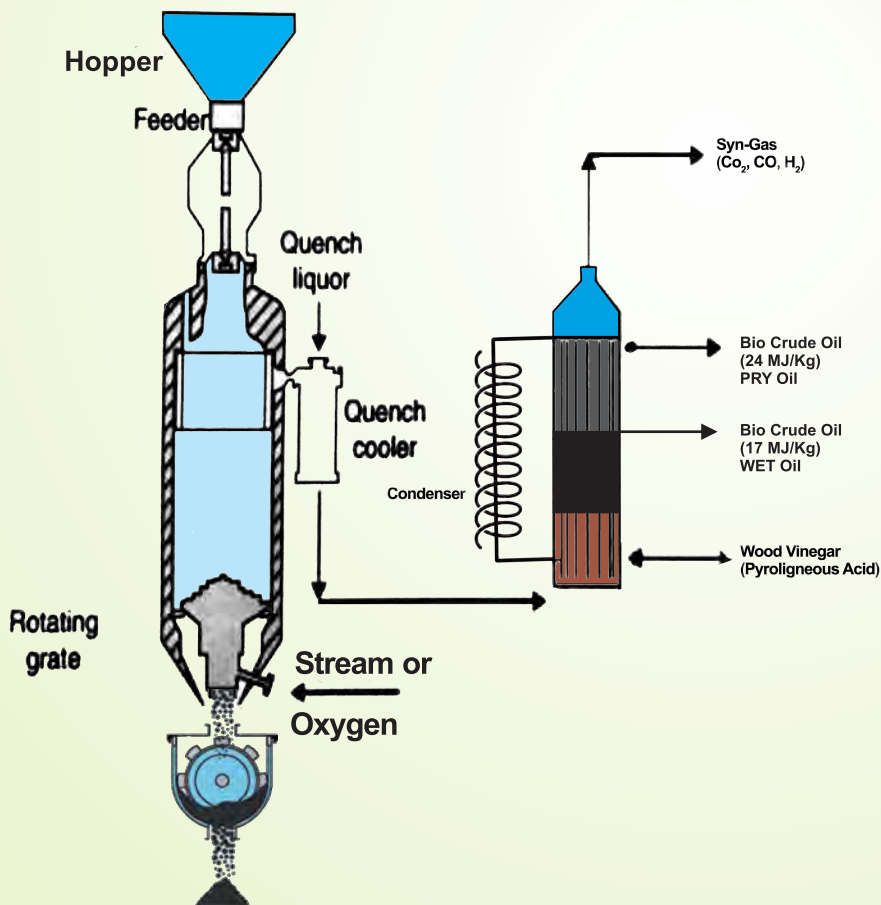


# Mobile PyroFlash® Plant Module



## PyroFlash® Modular Reactor

Biomass Wood Waste / Agriculture Residue



## PyroFlash® TECHNOLOGY



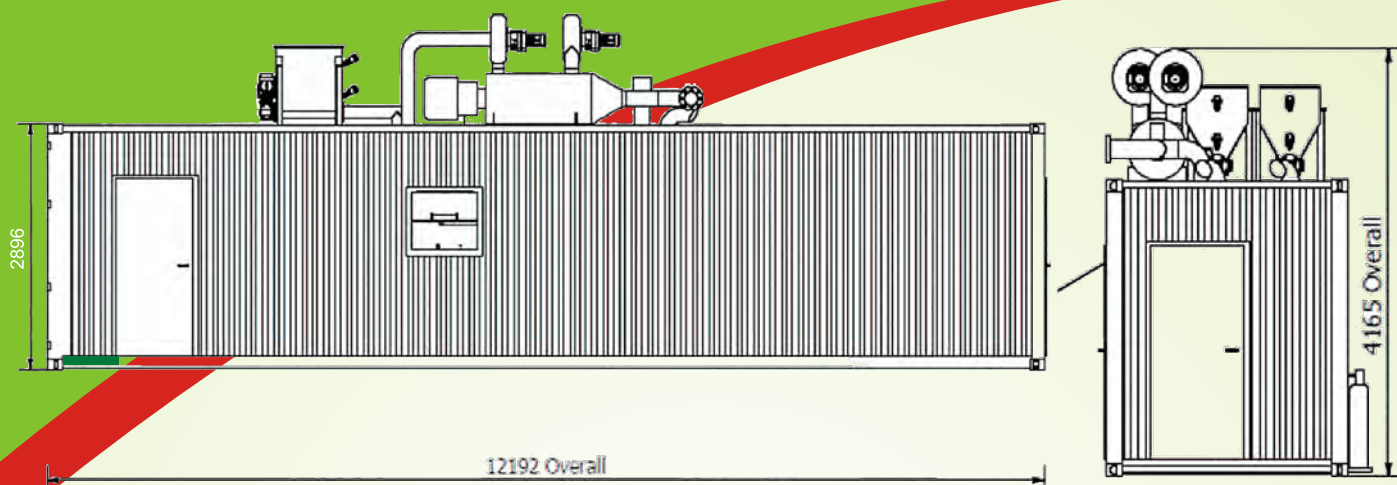
Convert up to 10 tons per day into 24/7 renewable energy, bio-fuels & bio-chemicals

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



# Pyrotech MPP-10 T

## PyroFlash® Modular Design



### PYROTECH MPP-10T

#### CAPACITY

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

#### FEEDSTOCK

Wood waste, Sawdust, Clippings, Agricultural Residue.

### STANDARD CONFIGURATION

- Hopper and airtight dosing screw
- Pyrolyzer
- 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 for feeding
- Dryer
- Shredder
- Pelletiser

### PYROTECH PyroFlash® SYSTEM OUTPUT

#### BIOCHAR

Up to 1 ton/day to be used as solid fuel (28 MJ/Kg), soil amendment, soil sequestration, fertilizer, water retention material, activated carbon.

#### BIO-CRUDE OIL

2500 Liters/day with a HHV of 24 MJ/kg to be used as liquid fuel for industrial heating, electricity generation or intermediate for bio-based molecules extraction

#### SYNGAS

6.5 Mj/kg  
Net electricity generation of 50 Kw/h  
Net Thermal generation 145 kw/h

#### WOOD VINEGAR

2500 litres/day with 8% concentration of acetic acid to be used as a organic herbicide, pesticide and fertilizer.

Based on 420 kg/h wood waste as feedstock 15% moisture content - 15mm particle size.



THERMOCHEMICAL CONVERSION & VALORISATION OF WOOD WASTE & AGRICULTURE RESIDUE. INTO 24/7 RENEWABLE ENERGY, BIO-FUELS & BIO-CHEMICALS

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