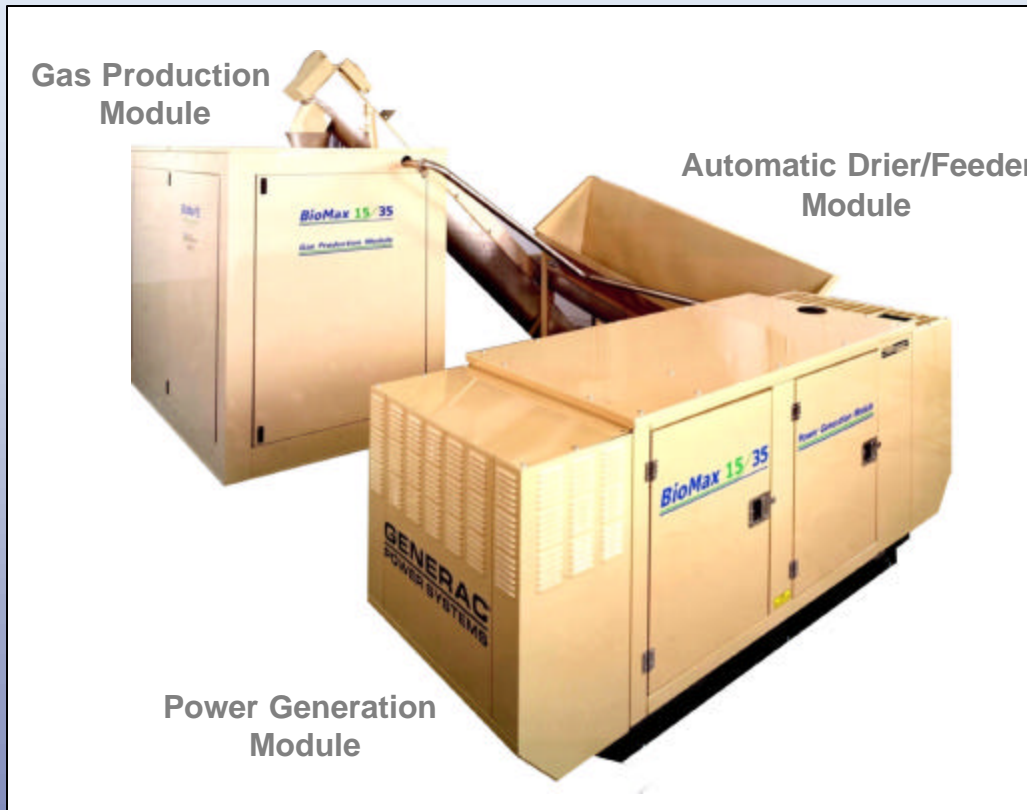


BioMax Power System

Electricity - Heat - Shaft Power
From Wood Scraps, Forest and Agricultural Residues

An Innovative Bioenergy Power System From Community Power Corporation



Features

- Fully automatic startup, operation & shutdown
- Microprocessor-based control system
- Co-Gen (CHP) Power modules
- Non-condensing system, Dry gas clean-up
- No liquid effluents, No toxic wastes
- Combined heat and power
- Can use variety of woody biomass fuels (wood chips, pellets & scraps, nut shells, etc.)
- Optional automatic dryer/feeder
- Designed for high volume, low cost manufacture
- Trailer or skid mounted, simple installation

Specifications

- Electrical Power: 5 to 50 kW modules
- Thermal Power: ~50k-500k Btu/h
- Footprint: 5m x 5m
- Weight: ~ 1,500 kg
- Gas: LHV 5mj/m³ <5ppm Tars/Particulates
- Fuel Conversion: ~1.5kg of wood per kWhe
- Dispatchable power within 30 seconds
- Full cold startup on wood gas: ~15 minutes
- Turndown ratio: > 10:1
- Gas composition (~): O₂ 0%, H₂ 20%
CO 20%, CO₂ 7%, CH₄ 2%, balance is N₂
- Startup/Backup fuel: LPG, propane, butane



Community Power Corporation

Energy Systems for Sustainable Power

8420 S. Continental Divide Road
Littleton, Colorado 80127
Tel: (303) 933-3135
Fax: (303) 933-1497
Email: rwalt@gocpc.com (Robb Walt, President)
Web: www.gocpc.com