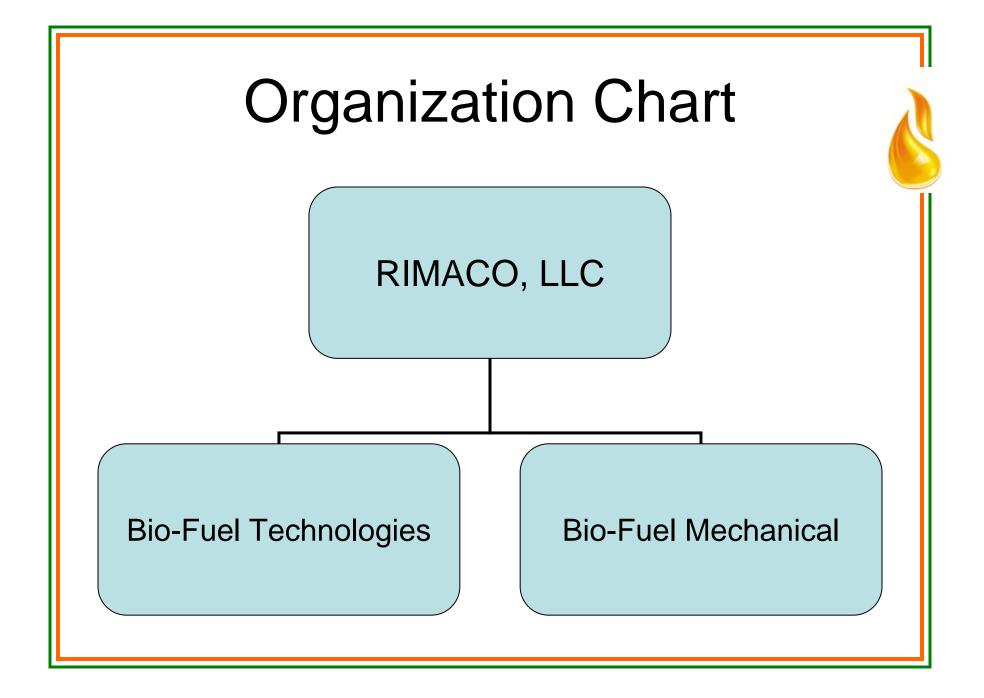


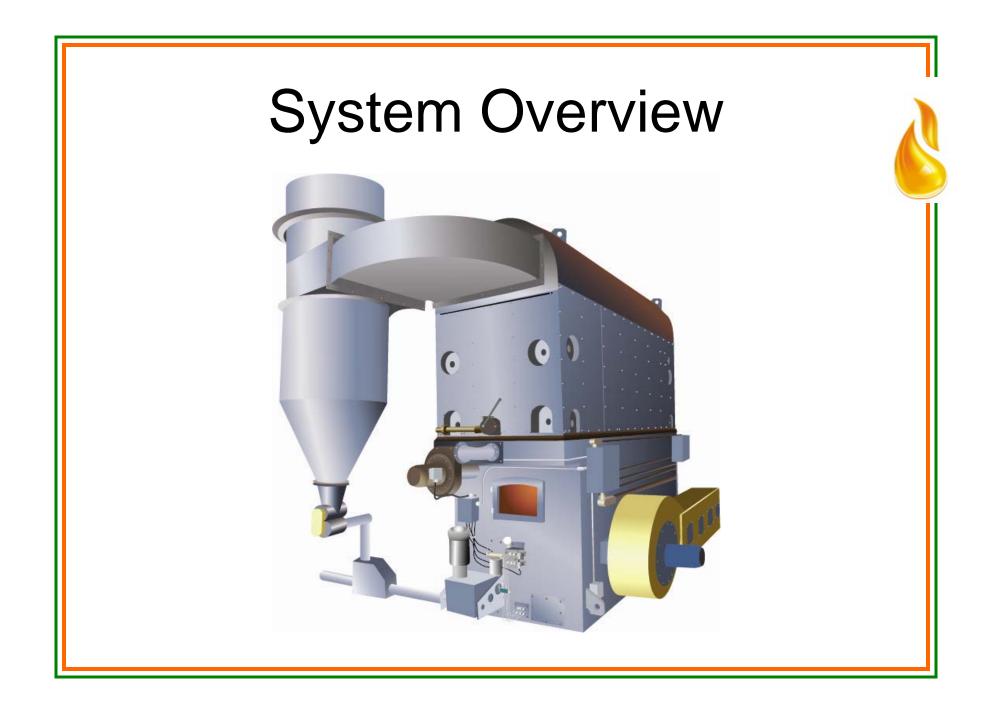
Agenda

- Bio-Fuel Technologies
 - History
 - Organization
- Multi-fuel Boiler Technology
 - Overview
 - Components
- Installations
- Call to action

The Company

- Founder 20 years selling boilers and processing equipment
- Bio-Fuel Technologies formed to concentrate on alternative fuel opportunities
- Enhanced existing technology to burn "multiple bio-fuels"



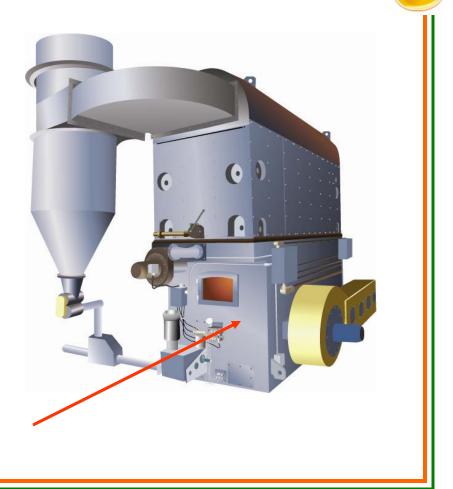


Multi-fuel Boiler Components

- Chain Grate Firebox (stoker)
- Under and Over Combustion Air Blower
- Multi-Screw Fuel In-feed Conveyor
- Automatic Ash Removal
- 3-Pass Boiler Vessel
- Automated Tube Cleaning System
- Multi-Cyclone Dust Collector
- PLC Control Panel

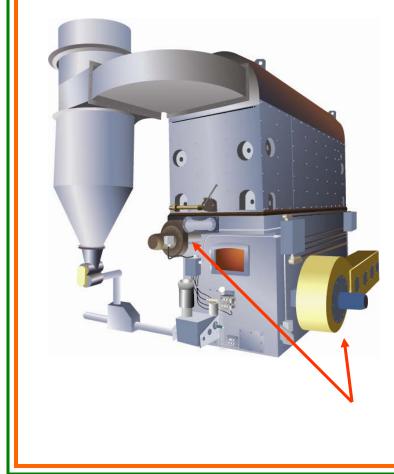
Chain Grate Firebox

- Large combustion volume
- 6" thick sheet insulation
- 6" poured refractory
- Heat resistant alloy chain grate





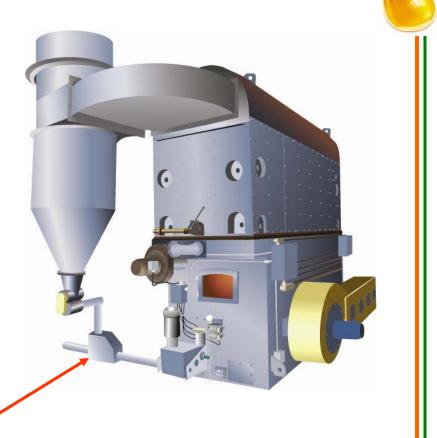
Combustion Air Blower



- Over and under blowers
- Modulating control
- Variable Frequency Drives (VFD)

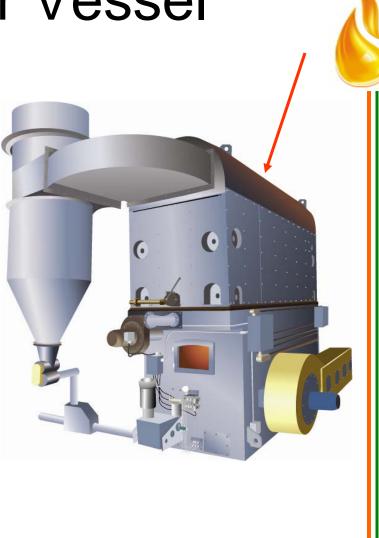
Automatic Ash Removal

- Fully automated
- Cleans ash from stoker
- Empties cyclone ash
- Central collection
- Single waste stream



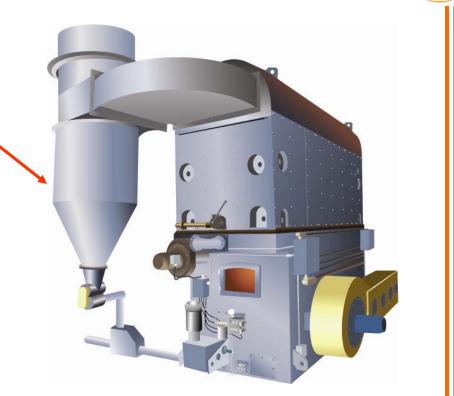
3-Pass Boiler Vessel

- Pressure vessel designed to ASME Code
- Hot water or steam (low and high pressure)
- Pneumatic pulsating tube cleaning
 - High pressure air soot blasters
 - PLC controlled scheduling
 - Maintains boiler efficiency



Cyclone Dust Collector

- Multi-cyclone
- VFD drive
- Air lock
- Fly ash removal auger
- Self contained double-wall stack



PLC Control Panel

- Stoker chain grate speed
- Controls twin-screw and multi-screw fuel conveyors
- Schedules ash removal augers
- Pneumatic tube cleaning system
- Modulates combustion air and exhaust fan
- Color touch screen
- Modem for remote monitoring and control



Fuel Types

- Wood chips
- Saw dust
- Pellets
- Poultry manure
- Nut shells
- Corn fodder
- Coal
- Many others....

Pellet advantages

- 1. Consistent high efficiency
- 2. Low emissions
- 3. Simple fuel storage and transport
- 4. Reliable delivery
- 5. National availability
- 6. Cost
- 7. Clean boiler room

Storage and transfer systems

- Complete fuel storage
 - Traversing auger
 - Drag chain fuel transfer
 - Fuel sorting screener
 - Optional magnetic separation
- PLC controlled
- Fuel flexibility
- Custom solutions available
 - Storage bins
 - Grain bins
 - Flex auger
 - Special fabrications

Installations

- Current
 - Danville Vermont Public Schools
 - Walnut Creek Planning Mill
 - Summit Hardwoods
- Scheduled
 - Geremia Greenhouse
 - DeFrancisco Greenhouse
 - Montgomery Rose Greenhouse
 - Procter Academy School
 - Wessel's Greenhouse

Typical Installation



High School -Danville, VT

- 2.6 MMBTU boiler
- New construction
- Burns wood chips
 - 50% moisture
 - 4" and smaller
 - 3.5 tons per day
- BFT built fuel system
 - Chain conveyor
 - Traversing auger

Multi-fuel Boiler Technology

A Division of RIMACO, LLC

Versatile

- Ability to burn high moisture fuels
- Burns most dry organic waste
- Economical
 - Reduce fuel costs
 - Low maintenance
 - Automated control
- Innovative
 - Chain grate stoker
 - PLC Control Panel
 - Automated ash and soot removal

Call to action

- Open new markets
 - Replace existing fossil fuel boilers
 - Fast payback for customer
 - "Buy Green" appeal
 - High efficiency, low emissions
- Increase sales volume
 - Commercial delivery contracts
 - 150 lb/hr 2,000 lb/hr opportunities
- Bio-Fuel Technologies is your <u>sell with</u> partner



Installations

Back up slides





