

CONTACT US:
info@energyboiler.com

+1 (954) 3531483

www.energyboiler.com



Hamilton
Engineering
Innovative Hot Water Solutions



Dustex
Multi-Pollution Control Technologies



MARLO
INCORPORATED
SIEMENS



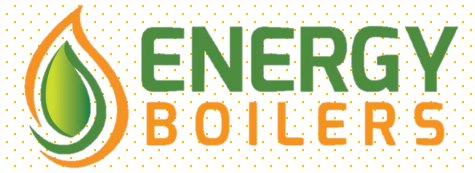
POWERHOUSE



“BRINGING QUALITY TO LATIN AMERICA AND THE CARIBBEAN”

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BOILERS



VERTICAL

4 Pass tubeless
6-100 BHP
Even heat transfer
More steam storage



SCOTCH

3 or 4 pass
100 -2000 BHP
Wet back design
Large combustion chamber
15 to 450 PSI Steam
Section I and IV Hot Water



RENT

For immediate necessity
Fire tube boilers 50 to 1000 BHP
Water tube boilers
Container type, easy shipping
Easy installation
Service provided

BIOMASS

250 to 5000 BHP
15 to 750 PSI
Hybrid series for backup fuel (Water and firetube)
Automated or manual feed stocker
Automatic ash removal
All biomasses and wastes (trash separator)



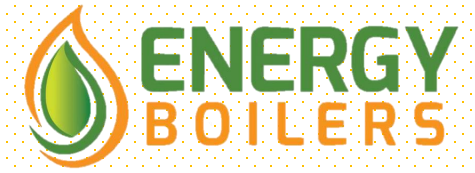
WATER TUBE

For quick steam applications
10.000 PPH -100.000 PPH
Low or high pressure
150 PSI -1000 PSI
Hot water at low or high temperature
Ultra dry steam
Any fuel
Thermal fluid



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ENERGY EFFICIENCY



HEAT RECOVERY



5,000 to 50,000 PPH
Recover wasted heat
from:
Motors
Turbines
For steam or hot water



CONDENSING BOILERS

79,000 BTU to 5,000,000 BTU
98% efficiency
Package type
Custom Solutions

BURNERS

0,341 MBTU/hr to 273,000 MMBtu/h
Any fuel available (biogases)
FGR (flue gas recirculation) available
O2 and VSD control
Modulating, low-high low or on/off
New boiler or Retrofit



HEAT PUMPS

Recover energy from:
low temperature waste heat
refrigeration plants
waste water
ground sourcing
flue gas
Evaporators
Cooling towers
Driers among others

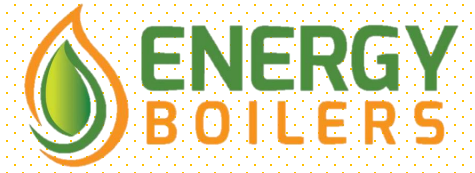
ECONOMIZER



Recover energy from
flue gas
Increase boiler
efficiency >5%

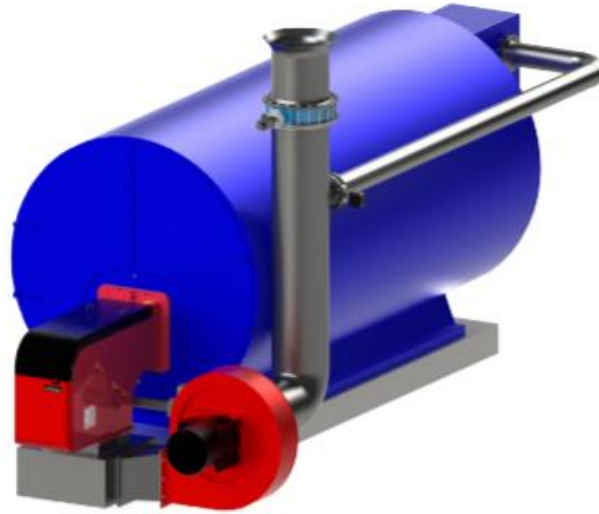
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EMISSION CONTROL



LOW NOx

Low NOx boilers and burners
FGR – Flue Gas recirculation
Down to 15 ppm
High efficient



FILTRATION

Fabric Filter / Baghouse
Cartridge Collector
Nuisance Collector
Cyclone Multi-Clone



OTHER SYSTEMS

Circulating dry scrubber (CDS)
Activated Carbon Injection (ACI) system



Dry Sorbent Injection (DSI) system
SCR & SNCR
Venturi scrubber

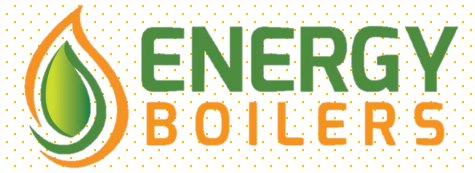


Dust Collector
Sparstane – Scrubber Waste to fertilizer

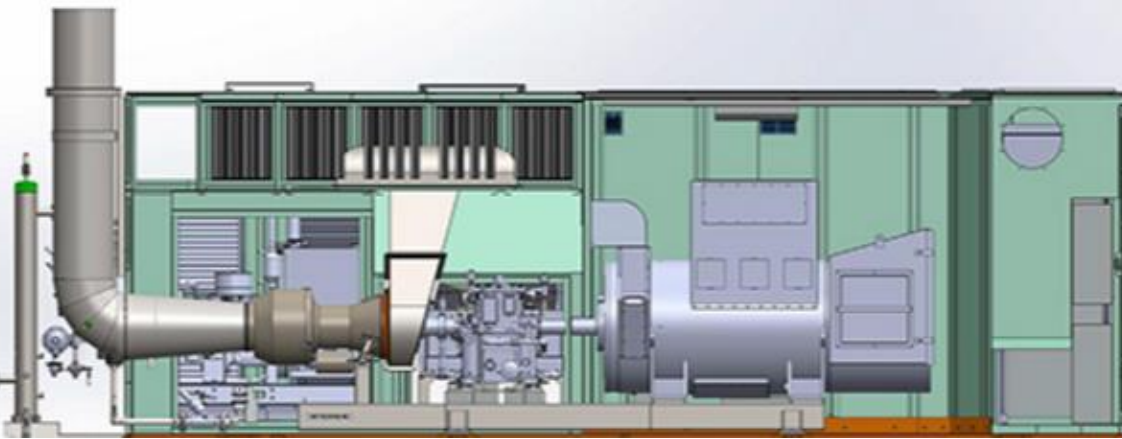


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POWER GENERATION



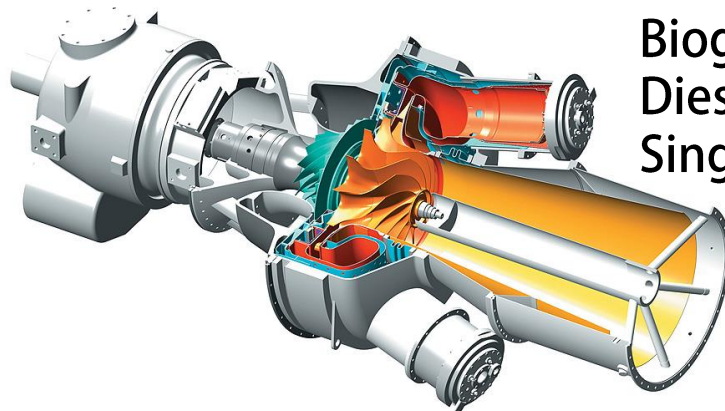
COMPLETE GEN-SET



Package type or separate equipment
Water tube boiler
Turbine or generator
Alternator
Switch gear
Water treatment

500kW up to 50 MW

TURBINES



Gas or steam
Biogases
Diesel
Single or multi stage

COGENERATION

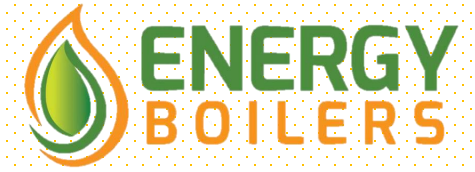
Off grid application for industrial facilities
One energy source to produce two or three separate forms of energy
Low operational cost
Electricity, heating and cooling in single process

ESCO model

Pay per kw
Acquire high efficiency system
Save on fuel consumption
Equipment acquire overtime
payed with savings
Custom solutions for big or small industries

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SERVICES

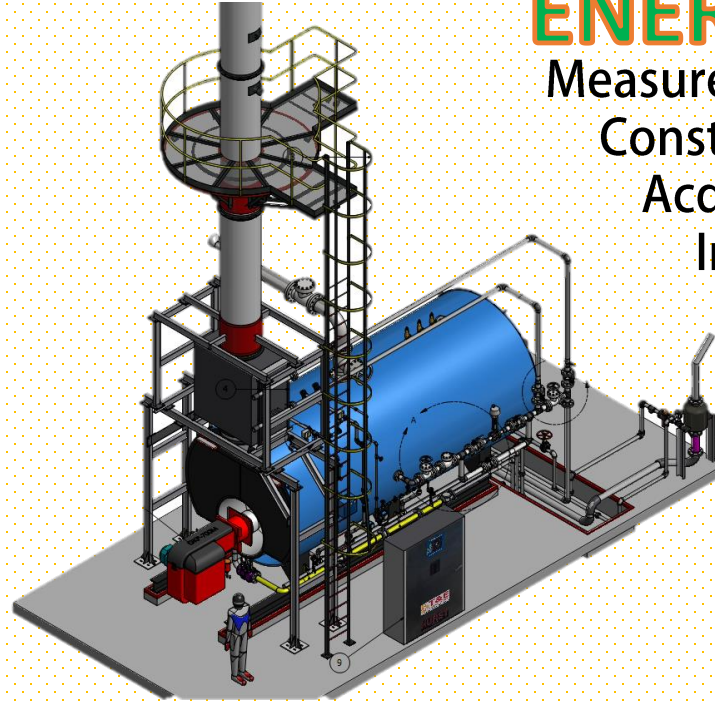


EPC PROJECTS

- Engineering analysis
- Equipment selection
- Design and planning
- Installation
- Start Up

AUTOMATION

- Automatize equipment
- Increase efficiency
- Easy monitoring
- Integrate with other facility equipment
- PLC programming
- DCS integration



COMMISSIONING

- Synchronize equipment to process
- Trouble shooting
- Safety operation
- Trained and experienced engineers

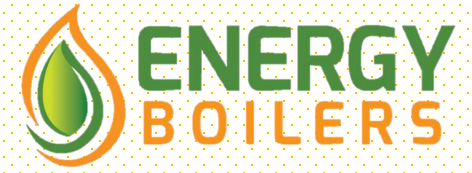
ENERGY ANALYSIS

- Measure efficiency of process
- Constant monitoring
- Acquire data
- Increase savings
- Acquire electricity by kW
- Acquire steam by lb/hr



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RECENT PROJECTS



BOTTLE COMPANY

COLOMBIA

1500 bhp 175 psi Hurst
Boiler/Oilon burner and BEI
Economizer
Dual fuel: Natural Gas/Oil#2
EPC project -Transport,
installation, startup and
training
Annual Service and
maintenance



TEXTILE COMPANY

COLOMBIA

100 bhp Heat recover boiler Hurst
EPC project – Transport,
installation, startup and training
To recover heat from motor
Annual Service and maintenance



POWER PLANTS VIRGIN ISLANDS

Four (4) 500 bhp
Hurst Boiler/Oilon
burner service
LPG operation
Re commissioning
Annual maintenance



POWER PLANT VENEZUELA

50 ton/hr
watertube service
PLC and DCS re
programming
Three (3) Oilon
burners



IN PROGRESS

Cement company Haiti
100 BHP EPC Project
Food Processing
company Colombia 250
bhp EPC Project

POWER PLANT

HAITI

80 bhp Hurst boiler/Oilon
burner service
Oil #6 Heavy oil operation
Start up and training

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SPARE PARTS & AUXILIARY EQUIPMENT

BOILERROOM CONTROLS

Pressure transmitter
Temperature transmitter
Pressure and Temperature switches
Water column
Gaskets
Combustion Analyzers
Valves
Flame sensors
Tanks



WATER TREATMENT

Water softeners
Osmosis treatment
Chemical tanks
Dearators



COMBUSTION ANALYZER

O₂, CO, CO₂, NO_x, NO₂, SO₂
To measure industrial emissions



WEBSHOP

Fast delivery and Easy payment
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AND MUCH MORE..