



# 24 Hour Emergency Service

Rentals • Sales • Service

**(800) 627-2653**

## 800HP, 150 psig Low NOx Skid-mounted Boiler

Cole Industrial's 800 HP (27,600 lbs/hr) Skid-mounted Firetube Boiler, is designed at 150psig design, firing natural gas and/or #2 fuel oil. Includes the following:

- CBLE LoNOx Burner
- Honeywell 7800 Series Combustion Controls
- Piloto System with Electric Ignition
- Forced Draft Fan, 75HP Motor & Starter
- Steam Pressure Gauge
- Float-type Low-Water Cutoffs
- Water Column & Site Glass
- Safety Relief Valves (shipped loose)
- Pre-piped FW Stop & Check Valves
- Pre-piped & Wired Gas Train
- Oil System with Pump & Air Compressor
- Continuous Blowdown Metering Valve
- High/Low Water Flame Failure Alarm
- Main Steam Non-Return Valve & Spool Piece (shipped loose)
- Gas Pressure Regulator
- Valve Trim (main steam valve, safety relief, blowdown)
- Stub Stack (4'L) (shipped loose)
- Operating Manuals
- NEMA 3 Disconnect (unfused/mounted)
- Seismic Zone 3 & 4 Design
- Bottom and Control Blowdown Valves
- Meets FM / IRI / NFPA 85



### Fuel Consumption:

Natural Gas: 33,480 SCFH @ 10-25 psig  
 #2 Fuel Oil: 240 GPH

### Connection Sizes:

Main Steam 12" - 300# FLG  
 Spool Piece: 12" 300# x 8" 300# RF FLG  
 Gas: 2" NPT  
 #2 Oil: 3/4" NPT Supply & Return  
 Feedwater: 2" NPT  
 Bottom Blowdown: 2" NPT  
 Continuous Blowdown: 3/4" NPT  
 Flue Outlet: 27" OD FLG

### Electrical Power Requirements:

480V/3pH/60 Hz  
 FLA 125

### Dimensions & Weights:

Length: 23'  
 Width: 11'  
 Height: 12' 2"  
 Shipping Weight: 55,000 lbs  
 Operating Weight: 83,700 lbs

### Emissions (Natural Gas):

NOx (corr 3% O2): 30 ppm  
 CO (corr 3% O2): 50 ppm

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