



24 Hour Emergency Service

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(800) 627-2653

800HP, 250 psig Low NOx Skid-mounted Boiler

Cole Industrial's 800 HP (27,600 lbs/hr) Skid-mounted Firetube Boiler, is designed at 250psig de-sign, firing natural gas and/or #2 fuel oil, manufactured in 2017. Propane option. Includes the following:

- CBLE LoNOx Burner
- Honeywell 7800 Series Combustion Controls
- Pilot 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
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Fuel Consumption:

Natural Gas: 33,600 SCFH @ 10-25 psig
#2 Fuel Oil: 240 GPH

Connection Sizes:

Main Steam 12" - 300# 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: 25'3"
Width: 9'5"
Height: 11' 2"
Shipping Weight: 61,165 lbs
Operating Weight: 84,165 lbs

Emissions (Natural Gas):

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

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