

1000 HP Super High Efficiency Low Nox Mobile Boiler Room

One (1) 1000 horsepower mobile boiler room complete with one (1) 1000 horsepower Low NOx steam boiler, High Efficiency Limpsfield Low Nox Burner, combination natural gas or No. 2 fuel oil fired, design pressure 250 psi, capable of producing 31,050 lbs. of steam per hour from and at 212 F.

The boiler comes complete with gas train, oil train, No. 2 fuel oil pump, second low water cut-off, pressure controls, flame safeguard control, relief valves, feedwater valves, blow-down valves, a fully modulating High Efficiency Limpsfield Low Nox burner equipped with Auto Flame controls.

Also included:

- One (1) deaerator system
- Two (2) feedwater pumps with VFD's
- One (1) twin water softener system sized for 100% make up
- Two (2) chemical pumps
- One (1) blowdown system
- Electrical switch gear
- One (1) propane hose and regulator for pilot connection, if oil fired
- One (1) main steam stop valve
- One (1) operator's manual

The unit is prepiped and totally enclosed in a 57' X 102" trailer 13' 6" tall.

Connection sizes:

- Main steam outlet - 6", 300# flanged
- Natural gas connection - 4", 150# flanged
- Maximum inlet pressure to gas regulator - 10 PSIG.
- #2 fuel oil connections - 1 1/2" (Storage tank by others)
- Feedwater - 2" MPT
- Condensate Return 1 1/2" 150# flanged
- Propane tank connection size for pilot, if oil fired, 3/8" flared.

Propane tank provided by others.

Fuel Consumption:

- Natural gas - 37,000 SCFH
- No. 2 fuel oil - 270 GPH

Voltage and amperage requirements:

- 480 volts 200 amp service, 3 phase