

650 HP LOW NO_x MOBILE BOILER ROOM YORK-SHIPLEY

One (1) 650 horsepower mobile boiler room complete with one (1) 650 horsepower Low NO_x steam boiler, combination natural gas or No. 2 fuel oil fired, design pressure 250 psi, capable of producing 22,425 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, blowdown valves, a fully modulating Powerflame Low No_x burner equipped with Auto Flame controls.

Also included:

- One (1) deaerator system
- Two (2) feedwater pumps
- One (1) twin water softener system
- One (1) chemical pump
- 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 53' trailer.

Connection sizes:

- Main steam outlet - 6", 300# flanged
 - Natural gas connection – 3", 150# flanged
 - Maximum inlet pressure to gas regulator - 10 PSIG.
 - #2 fuel oil connections - 1 1/2" (Storage tank by others)
 - Atomizing steam connection - 1 1/2"
 - Feedwater - 2" MPT
 - Condensate Return 2 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 - 27,300 SCFH
- No. 2 fuel oil - 195 GPH (Air Atomizing flow of 18 SCFM @ 100 psi needed for cold start up on #2 oil)

Voltage and amperage requirements:

- 480 volts 100 amp service, 3 phase