

60,000PPH Zurn Mobile Boiler

One (1) 60,000 lb./hr. Zurn mobile boiler, combination natural gas or No. 2 fuel fired, design pressure 550 psi, capable of producing 60,000 lbs. of steam per hour from and at 125 psi to 525 psi. Minimum operating pressure 125 psi. Based on 1000' elevation.

The boiler comes complete with gas train, (less gas pressure regulator), oil train, No. 2 fuel oil pump, second low water cut off, pressure controls, flame safeguard control, relief valves, feedwater valves, blowdown valves, and a fully modulating Low Nox Todd burner.

Also included:

- Electrical switch gear
- One (1) 6" 300# class angle type non return main steam valve
- One (1) 6" 300# class gate main valve
- One (1) stub stack section, flanged, height 6 ft.
- Gas pressure regulators may be purchased for specific applications

The unit is prepiped and mounted on a 50' trailer. Gooseneck and rear axles are detachable and may be removed at the request of Ware.

Shipping weight - 91,000#

Connection Sizes:

- Main steam outlet - 8", 600# flanged (8" 600# X 6" 300# spool piece shipped separate)
- Natural gas connection - 3", 150# flanged
- Regulated inlet gas pressure - 15 PSIG
- Oil inlet - 1-1/2", Oil return - 3/4"
- Pilot gas connection, if oil fired - 1/2" F.P.T.
- Blowdown - 1-1/2" 600# flanged
- Feedwater connections - 2-1/2" 600# flanged*
- Atomizing air - 1" FPT

NOTE: When firing on oil, atomizing air must be provided during start up period and any time steam pressure drops below 150 psi.

Fuel Requirements:

- Natural gas consumption - 80,000 SCFH
- No. 2 fuel oil - 553 GPH
- Air atomizing - 250 SCFM at 100 psig
- Steam atomizing - 800 lbs./hr. at 100 psig

Voltage and Amperage Requirements:

- 480 volts, 150 amp service, 3 phase