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650 HP
Low NOx, 250 psig
Mobile Boiler Room

Nationwide Boiler's low NOx, 650 hp (22,500 lbs/hr) Mobile Boiler Room is an enclosed van unit designed at 250 psig pressure, firing natural gas or #2 oil. It is fully piped and wired and includes the following components:

- 650 hp Package Firetube Boiler
- Low NOx Burner
- Gas Pressure Regulator
- Control Panel
- Valve Trim (headers, safeties, blowdown, etc.)
- Spray-type Deaerator w/ Two Feedwater Pumps & Condensate Return Connections
- Duplex Water Softener
- Chemical Feed System
- Oil Pump & Motor
- Blowdown Separator
- Sample Cooler & Sink
- Interior Lighting
- Stack (loose)
- Electric Space Heater
- Operating Manuals



Fuel Consumption:

Natural Gas: 28,800 SCFH @ 9 psig
 #2 Oil: 186 GPH @ 2 psig

Connection Sizes:

Main Steam: 6"-250# FLG
 Natural Gas: 3"-150# FLG
 #2 Oil Supply / Return: 1½" NPT / 1" NPT
 Atomizing Air: 1½" NPT
 Blowdown / Drain: 6"-150# FLG
 Condensate Return: 2" NPT for low & high temp.
 Make-up Water: 2" NPT (60-100 psig)
 Softener Drain: 2" NPT

Electrical Power Service Requirements:

460 VAC, 3 ph, 60 hz, 150 AMPS

Dimensions & Weights:

Length: 47' 9"
 Width: 8' 6"
 Height: 13' 4"
 Shipping Weight: 68,000 lbs
 Operating Weight: 116,900 lbs

Emissions Data (natural gas):

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

Ask About Our **Green Solutions**



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 True Nationwide Coverage & Beyond. Representatives Located Worldwide.

* Actual equipment may differ from listed specification. Please consult Nationwide Boiler Inc. for additional details.