



**Rentals • Sales • Service**  
**24/7 • (800) 227-1966**

## 500 hp Low NOx, 250 psig Mobile Boiler Room

Nationwide Boiler's low NOx, 500 hp (17,250 lbs/hr) trailer enclosed Cleaver-Brooks firetube boiler is designed at 250 psig pressure, capable of firing natural gas or #2 oil. It is fully piped and wired and includes the following components:

- 500 hp Cleaver-Brooks Package Firetube Boiler
- Low NOx Burner with Induced Flue Gas Recirculation (IFGR) for 30 PPM NOx
- Gas Pressure Regulator
- Control Panel
- Valve Trim (headers, safeties, blowdown, etc.)
- Spray-type Deaerator w/ Two Feedwater Pumps & Condensate Return Connections
- Duplex Water Softener with Brine Tank
- Chemical Feed System
- Oil Pump & Motor / Air Compressor & Motor
- Blowdown Separator
- Interior Lighting
- Stack (loose)
- Electric Space Heater
- Service and Operating Manuals
- Boiler Includes All Canada CRN and Seismic Zone 3 & 4 Design



### Fuel Consumption:

Natural Gas: 20,922 SCFH @ 4.6 psig min.  
 #2 Oil: 142 GPH @ 2.0 psig

### Connection Sizes:

Main Steam: 8"-300# FLG  
 Natural Gas: 3"-150# FLG  
 #2 Oil Supply / Return: 1" NPT  
 Blowdown / Drain: 6"-300# FLG  
 Condensate Return: 2" NPT for low & high temp.  
 Make-up Water: 2"-150# FLG  
 Softener Drain: 2" NPT

### Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 150 AMPS

### Boiler Dimensions & Weights:

Length: 53' 0"  
 Width: 8' 6"  
 Height: 13' 6"  
 Shipping Weight: 74,150 lbs  
 Operating Weight: 100,350 lbs

### Emissions Data (natural gas):

NOx (corr. to 3% O<sub>2</sub>): 30 ppm  
 CO (corr. to 3% O<sub>2</sub>): 50 ppm

Ask About Our **Green Solutions**



42400 Christy Street / Fremont, CA 94538 / (510) 490-7100 / [www.nationwideboiler.com](http://www.nationwideboiler.com) / [info@nationwideboiler.com](mailto:info@nationwideboiler.com)  
 True Nationwide Coverage & Beyond. Representatives Located Worldwide.

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