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## **200 HP Ultra Low NOx, 250 psig Mobile Steam Plant**

Nationwide Boiler's ultra low NOx, 200 hp (6,900 lbs/hr) Mobile Steam Plant is an open-trailer system, designed at 250 psig pressure, firing natural gas. It is fully piped and wired and includes the following components:

- 200 hp Package Firetube Boiler
- Ultra Low NOx Burner
- Gas Pressure Regulator
- Control Panel
- Valve Trim (header, safeties, blowdown, etc.)
- Duplex Feedwater System/Condensate Return Tank
- Duplex Water Softener
- Chemical Feed System
- Blowdown Separator
- Stack (loose)
- Operating Manuals



### **Fuel Consumption:**

Natural Gas: 8,400 SCFH @ 9 psig

### **Connection Sizes:**

Main Steam: 6"-300# FLG  
Natural Gas: 3"-125# FLG  
Blowdown / Drain : 2"-300# FLG  
Condensate Return: 2" NPT  
Make-up Water: 2" NPT (60-100 psig)

### **Electrical Power Service Requirements:**

480 VAC, 3 ph, 60 hz, 75 AMPS

### **Dimensions & Weights:**

Length: 42' 8"  
Width: 7' 8"  
Height: 15' 9"  
Shipping Weight: 35,000 lbs  
Operating Weight: 50,000 lbs

### **Emissions Data (natural gas):**

NOx (corr. to 3% O<sub>2</sub>): 9 ppm  
CO (corr. to 3% O<sub>2</sub>): 50 ppm

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Ultra Low NOx Solutions

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Energy Saving Solutions

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