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## 300 HP Ultra Low NOx, 250 psig Mobile Steam Plant

Nationwide Boiler's ultra low NOx, 300 hp (10,350 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:

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



### Fuel Consumption:

Natural Gas: 14,100 SCFH @ 8-12 psig

### Connection Sizes:

Main Steam: 6"-250# FLG  
 Natural Gas: 3"-150# FLG  
 Blowdown / Drain: 2"-150# FLG  
 Condensate Return: 1½" NPT  
 Make-up Water: 1½" NPT  
 Softener Drain: 1½" NPT

### Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 100 AMPS

### Dimensions & Weights:

Length: 42' 7"  
 Width: 8' 0"  
 Height: 13' 6"  
 Shipping Weight: 45,000 lbs  
 Operating Weight: 60,000 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

Ask About Our **Green Solutions**

**CataStak**<sup>TM</sup>  
 Ultra Low NOx Solutions

**EconoStak**<sup>TM</sup>  
 Energy Saving 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.