

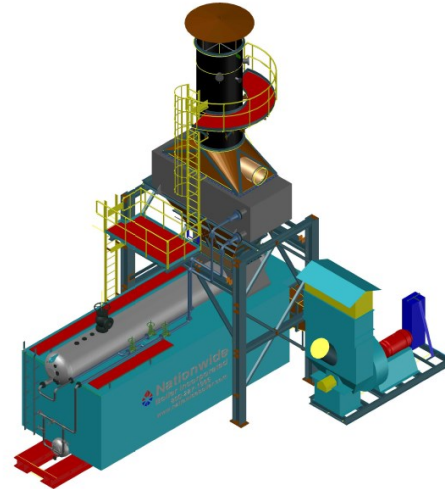


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## 150,000 pph Low NOx, 650 psig Saturated Trailer-Mounted Boiler

Nationwide Boiler's low NOx 150,000 pph, 650 psig design (150-600 psig operating) saturated steam trailer-mounted Superior package watertube boiler is set to burn natural gas or future #2 oil. It is fully piped and wired and includes the following components:

- Low NOx Burner
- Burner Management System
- EconoStak Economizer
- PLC-Based, Fully Metered Combustion Controls
- Forced Draft Fan, Motor & Starter
- Complete Fuel Train & Pilot Ignition System
- Water Column & Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Safety Valves
- Pre-piped Feedwater Stop & Check Valves
- Pre-piped Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- Steam Non-return Valve (loose)
- Stack (loose)
- Economizer with Structure (loose)
- NEMA 4 Electrical Enclosures
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals and Drawings on CD
- CataStak™ SCR System for 5 ppm NOx (optional)



### Fuel Consumption:

Natural Gas: 181,000 SCFH @ 25 psi

### Connection Sizes:

Main Steam: 8"-600# FLG  
 Natural Gas: 4"-150# FLG  
 Feedwater: 4"-600# FLG  
 Bottom Blowdown: 1½"-600# FLG  
 Continuous Blowdown: 1"-800# FLG  
 Chemical Feed: 1"-800# FLG  
 Instrument Air: 1" NPT  
 Water Column Drain: 2" NPT

### Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 300 HP Standard\*

### Dimensions & Weights:

Length: 34' 0" (boiler only)  
 Width: 11' 2" (installed)  
 Height: 40' 0" (installed with economizer)  
 Shipping Weight: 220,000 lbs (with trailer)  
 Operating Weight: 207,000 lbs (with economizer)

### Emissions Data (natural gas):

	Without SCR	With SCR	Without SCR*
NOx (corr. to 3% O <sub>2</sub> ):	83 ppm	5 ppm	30 ppm
CO (corr. to 3% O <sub>2</sub> ):	50 ppm	50 ppm	50 ppm

\*Capacity derated to 135,000 pph

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.

**\*PRELIMINARY\***