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## 45,000 pph Low NOx, 300 psig Trailer-Mounted Boiler

Nationwide Boiler's low NOx 45,000 pph, 300 psig design, saturated steam, trailer-mounted package watertube boiler is set to burn natural gas or #2 oil. It is fully piped and wired and includes the following components:

- Low NOx Burner
- Burner Management System
- Single-point Positioning Combustion Controls
- Forced Draft Fan, Motor & Starter
- Complete Fuel Train & Pilot Ignition System
- #2 Fuel Oil Pump
- Water Column & Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Safety Valves
- Feedwater Stop & Check Valves
- Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- Single Element Feedwater Regulator with Pre-piped 3-Valve Bypass
- Steam Non-return Valve (loose)
- Stack (loose)
- NEMA 4 Electrical Enclosures
- EconoStak Economizer (optional - economizer piping mounted on the unit)
- Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals



### Fuel Consumption:

Natural Gas: 59,900 SCFH @ 10 psi regulated  
 #2 Oil: 400 GPH

### Connection Sizes:

Main Steam: 8"-300# FLG  
 Natural Gas: 3"-150# FLG  
 #2 Oil Supply / Return: 1½" NPT / ¾" NPT  
 Feedwater: 2½"-300# FLG  
 Bottom Blowdown: 1½"-300# FLG  
 Continuous Blowdown: 1" NPT  
 Chemical Feed: 1" NPT  
 Atomizing Air / Steam: 1" NPT / 1½" NPT  
 Instrument Air: ¼" NPT  
 Water Column Drain: ¾" NPT

### Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 100 amp

### Dimensions & Weights:

Length / Width / Height: 49' 5" / 10' 0" / 13' 5"  
 Shipping Weight: 80,000 lbs  
 Operating Weight: 102,600 lbs

### Emissions Data (natural gas):

NOx (corr. to 3% O<sub>2</sub>): 30 ppm  
 CO (corr. to 3% O<sub>2</sub>): 100 ppm

Ask About Our **Green Solutions**



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