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## 82,500 pph Low NOx, 350 psig Trailer-Mounted Boiler

Nationwide Boiler's low NOx 82,500 pph, 350 psig design, saturated steam, trailer-mounted package watertube boiler is set to burn natural gas (#2 oil is optional). It is fully piped and wired and includes the following components:

- Low NOx Burner
- EconoStak Economizer
- Burner Management System
- Parallel Positioning 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
- 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
- FGR Ductwork (loose)
- Stack (loose)
- NEMA 4 Electrical Enclosures
- Separate Fuel Oil Skid for #2 Oil Firing (optional)
- Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals



### Fuel Consumption:

Natural Gas: 99,900 SCFH @ 20 psi regulated  
 #2 Oil (optional): 700 GPH

### Connection Sizes:

Main Steam: 8"-300# FLG  
 Natural Gas: 4"-150# FLG  
 #2 Oil Supply / Return: 1¼"-150# FLG / ¾"-150# FLG  
 Feedwater: 3"-300# FLG  
 Bottom Blowdown: 1½"-300# FLG  
 Continuous Blowdown: 1" NPT  
 Chemical Feed: 1" NPT  
 Atomizing Air / Steam: 1"-150# FLG / 1"-150# FLG  
 Instrument Air: ½" NPT  
 Water Column Drain: ¾" NPT

### Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 250 AMPS

### Dimensions & Weights:

Length\* / Width / Height: 45' 2" / 10' 7" / 13' 5"  
 Shipping Weight: 92,000 lbs  
 Operating Weight\*: 121,500 lbs

\*less removable rear axle and gooseneck / weight includes economizer

### 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**

**CataStak™**  
 Ultra Low NOx Solutions

**EconoStak™**  
 Energy Saving Solutions

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