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50,000 pph Low NOx, 650 psig Trailer-Mounted Boiler

Nationwide Boiler's low NOx 50,000 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
- Rectangular Economizer (loose)
- 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
- Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Electronic Operating Manuals



Fuel Consumption:

Natural Gas: 61,000 SCFH @ 10-25 psi reg.
 #2 Oil (future): 460 GPH

Connection Sizes:

Main Steam: 6"-600# FLG
 Natural Gas: 4"-150# FLG
 Feedwater: 2" - 600# FLG
 Bottom Blowdown: 1½" - 600# FLG
 Continuous Blowdown: 1" NPT
 Instrument Air: ½" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 90 AMPS

Dimensions & Weights:

Length / Width / Height: 51' 10" / 11' 1" / 14' 0"
 Shipping Weight: 79,000 lbs
 Operating Weight: 91,050 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): 30 ppm
 CO (corr. to 3% O₂): 50 ppm

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.