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800 HP Superior Low NOx, 250 psig Skid-Mounted Boiler

Nationwide Boiler's low NOx, 800 hp (27,600 lbs/hr) Superior Model 7-X-3500-S250-WBCF-G skid-mounted boiler, designed at 250 psig pressure, firing natural gas. It is fully piped and wired and includes the following components:

- 800 hp Mohican Firetube Boiler
- Webster Low NOx Burner
- Complete Gas Train
- NEMA 4 Control Panel w/ Siemens LMV Parallel Positioning Controls (outdoor rated)
- Valve Trim (safeties, blowdown, etc.)
- Steam Pressure Gauge
- Low Water Cutoffs (primary & auxiliary)
- Water Column & Site Glass
- Modulating Feedwater Control Valve
- High/Low Water & Flame Failure Alarms
- Meets UL / CSD-1 / NFPA 85
- Electronic Operating Manual



Fuel Consumption:

Natural Gas: 33,600 SCFH @ 5 psig

Connection Sizes:

Main Steam: 8"-300# FLG
 Natural Gas: 3" NPT
 Blowdown / Drain: 2 " NPT
 Feedwater: 2" NPT
 Chemical Feed: 1" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 60 AMPS

Dimensions & Weights:

Length: 27'
 Width: 10' 9"
 Height: 10' 10"
 Shipping Weight: 62,300 lbs
 Operating Weight: 97,260 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.