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500 HP, 250 PSIG Low or Ultra Low NOx Package Firetube Boiler

Nationwide Boiler's 500 HP (17,250 lbs/hr) Hurst skid-mounted package firetube boiler is designed at 250 psig for low or ultra-low NOx applications, with your choice burner mounted upon receipt of order. The boiler / burner package will be fully piped and wired and include the following components:

- 3-Pass Wetback Boiler, 500 HP
- Oilon Low or Ultra Low NOx Burner (to be installed prior to shipment or at the jobsite)
- Complete Gas Train
- Hurst Stack Master Internal Stack Economizer
- NEMA 4 Control Panel w/ Siemens LMV Parallel Positioning Controls
- 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
- 6" Stack Thermocouple to Serve as High-Temp Safety Interlock
- Platform and Ladder Provisions to Boiler Shell
- Seismic Anchor Plates with Center of Gravity Calcs
- Meets UL / CSD-1 / NFPA 85
- Electronic Operating Manual



Fuel Consumption:

Natural Gas: 21,000 SCFH @ 5 psig

Typical Connection Sizes:

Main Steam: 6"-300# FLG
 Natural Gas: 3" NPT
 Blowdown / Drain: 1 ½" NPT
 Feedwater: 2" NPT
 Chemical Feed: ½" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 22 AMPS

Dimensions & Weights:

Length: 23' 3"
 Width: 10' 5"
 Height: 10' 2"
 Shipping Weight: 35,000 lbs
 Operating Weight: 49,400 lbs

Emissions Data (natural gas):

NOx (corr. to 3% O₂): As low as 2½ ppm NOx
 CO (corr. to 3% O₂): 30 ppm

**Your Choice Burner for Low or Ultra Low NOx
 Emissions Requirements**

42400 Christy Street / Fremont, CA 94538 / (510) 490-7100 / www.nationwideboiler.com / info@nationwideboiler.com
 True Nationwide Coverage & Beyond. Representatives Located Worldwide.

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