

NEW PRODUCT RELEASE**WORLD'S LARGEST 110,000 LB/HR HIGH PRESSURE
SUPERHEAT MOBILE BOILER AVAILABLE SPRING 2015**

Fremont, California, January 5, 2015.....Nationwide Boiler Inc., a leading supplier of rental boilers worldwide, has designed and developed the world's first 110,000 lb/hr trailer-mounted, high-pressure superheat mobile boiler. Currently being manufactured by Babcock & Wilcox (West Point, MS), this package watertube boiler is designed at 750 psig, 750F superheat and is the largest trailer-mounted superheat boiler available. It is capable of producing 110,000 lb/hr of superheated steam at a pressure of 400-650 psig (when supplied with feedwater at a temperature of 227F) and is designed to burn natural gas with a future option of firing #2 oil. The boiler and trailer are highway legal, allowing for immediate shipment in North America, pending permit approval.

Larry Day, Nationwide Boiler Inc. Vice President of Sales and Marketing, was integral in getting this product developed. "Nationwide Boiler is proud and excited to introduce yet another industry first to the industrial boiler rental business. The world's largest superheat trailer-mounted boiler will give customers with higher, superheated steam capacity requirements the opportunity to utilize quick delivery on rental equipment during planned and unplanned outages. The ability to ship this large boiler by truck instead of by rail is a great time-saving advantage, especially during the current railroad capacity challenges and shipping delays."

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The trailer-mounted boiler includes a low NOx burner, EconoStak economizer, and a fully metered cross limited control system with a VFD driven, 300 hp fan. For users requiring ultra low NOx emissions of 5 ppm, Nationwide Boiler's CataStak™ SCR System can be supplied. The completed unit is scheduled to be in service at the end of this quarter. It will initially be stored at Babcock & Wilcox's manufacturing facility in West Point, MS and is available for rental or sale worldwide.

For almost fifty years Nationwide Boiler has provided superior solutions to meet the temporary and permanent boiler system needs of every industry. The exclusive Nationwide CataStak™ SCR system, introduced over fifteen years ago, currently leads the nation with the most successful 5 ppm NOx retrofit/installations for packaged boilers. In addition to boilers, it is available for applications including gas-fired heaters and turbines. Today, Nationwide Boiler continues to provide innovative solutions with the world's largest superheat trailer-mounted boiler currently in production. Nationwide Boiler is committed to providing customers with 24-hour responsive, technical support and high quality solutions. For more information, visit www.nationwideboiler.com.

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Nationwide Boiler Incorporated

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110,000 pph
Low NOx, 750 psig / 750 F
Trailer-Mounted Superheat Boiler

Nationwide Boiler's low NOx 110,000 pph, 750 psig design / 750 F superheated steam trailer-mounted Babcock & Wilcox 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
- EconoStak Economizer
- Fully Metered Combustion Controls
- Forced Draft Fan, Motor & Starter / VFD
- Complete Fuel Train & Pilot Ignition System
- Water Column & Site Glass
- Steam Pressure Gauge
- Low-water Cutoffs
- Safety Valves
- Pre-piped Feedwater Stop & Check Valves
- Pre-piped Blowdown Valves
- Continuous Blowdown Metering Valve
- Chemical Feed Valve
- Steam Non-return Valve (loose)
- Stack (loose)
- Economizer Piping Partially Mounted on Unit
- NEMA 4 Electrical Enclosures
- Weatherproofed (except for freezing)
- Meets FM, NFPA 85 & IRI Insurance Standards
- Operating Manuals and Drawings on CD
- CataStak™ SCR System for 5 ppm NOx (optional)



Fuel Consumption:

Natural Gas: 156,000 SCFH @ 15 psi regulated

Connection Sizes:

Main Steam: 8"-600# FLG
 Natural Gas: 4"-150# FLG
 Feedwater: 3"-600# FLG
 Bottom Blowdown: 1½"-600# FLG
 Continuous Blowdown: 1"-600# FLG
 Chemical Feed: ½"-600# FLG
 Instrument Air: ¾" NPT
 Water Column Drain: ¾" NPT

Electrical Power Service Requirements:

480 VAC, 3 ph, 60 hz, 400 AMPS

Dimensions & Weights:

Length: 30' 5" (boiler only)
 Width: 11' 10" (installed)
 Height: 40' 0" (installed with economizer)
 Shipping Weight: 135,000 lbs
 Operating Weight: 165,000 lbs

Emissions Data (natural gas):

	<u>Without SCR</u>	<u>With SCR</u>	<u>Without SCR</u>
NOx (corr. to 3% O ₂):	80 ppm	5 ppm	30 ppm*
CO (corr. to 3% O ₂):	50 ppm	50 ppm	50 ppm

*Capacity derated to 95,000 pph

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.

