



Rentals • Sales • Service
24/7 • (800) 227-1966

CataStak™ SCR System Rentals For Trailer-Mounted Package Watertube Boilers

In 1999, Nationwide Boiler acknowledged the need to find a sustainable solution in reducing NOx emissions from package boilers. Considering both front and back-end NOx mitigation techniques, Selective Catalytic Reduction (SCR) technology was chosen as the ideal solution for our fleet of mobile watertube rental boilers. The CataStak was field tested for several years on numerous rental projects achieving all objectives: *reasonable pricing, ease of operation, and single-digit NOx levels.*

Nationwide Boiler maintains a fleet of CataStak™ SCR systems, designed specifically for use with our rental boilers, and proven to reduce NOx emissions to sub-9 ppm levels on package boilers up to 250,000 lb/hr.

The CataStak SCR meets or exceeds the requirements of all Air Quality Management Districts, including the South Coast AQMD and San Joaquin APCD, two of the most stringent in the country.

Our standard CataStak SCR System includes the following components:

- NOx Catalyst Module
- Injection Nozzles
- Square-to-Round Stack Transition
- EPA Stack with Test Ports
- Ammonia or Urea Flow Control Unit

User's have the choice of *anhydrous ammonia* (most economical but most stringent handling requirements), *aqueous ammonia* (safer but requires the addition of a vaporizer skid) or *urea* (the safest option; urea is converted to ammonia within the system). In addition, the CataStak offers versatility and can be mounted vertically above the exhaust stack or horizontally ground-mounted, and CO catalyst can be supplied for dual-emissions control.

Pair the CataStak with an economizer for our E²Stak and achieve both reduced emissions & energy savings.



YOU HAVE A CHOICE

Reducing Agent
Anhydrous Ammonia
Aqueous Ammonia
32.5% Liquid Urea Solution (DEF)

Arrangement
Vertical / Stack Mounted
Horizontal / Ground Mounted
Single or Multiple Installations

Other Options
E²Stak for Added Fuel Efficiency



42400 Christy Street / Fremont, CA 94538 / (510) 490-7100 / www.nationwideboiler.com / info@nationwideboiler.com

True Nationwide Coverage & Beyond. Representatives Located Worldwide.