80,000 pph
Low NOx, 395 psig
Trailer-Mounted Boiler

One (1) 80,000 PPH, 395 psig saturated steam, trailer mounted package watertube boiler is set to burn natural gas (#2 oil is optional). It was originally built in 2009 and includes the following components:

- Low NOx Burner
- Economizer
- Burner Management System
- 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
- Separate Fuel Oil Skid for #2 Oil Firing (optional)
- Ultra Low NOx CataStak™ SCR System (optional)
- Weatherproofed (except for freezing)
- ASME, FM, NFPA 85 & GE Gap Insurance Compliant
- Electronic Operating Manuals

Fuel Consumption:

Natural Gas:	99,900 SCFH @ 15-25 psi reg.
#2 oil (optional)	700 GPH

Connection Sizes:

Main Steam:	8"-300# FLG
Natural Gas:	4"-150# FLG
#2 oil supply/return	1¼ "-150# FLG / ¾"-150# FLG
Feedwater:	3"-300# FLG
Bottom Blowdown:	1½"-300# FLG
Continuous Blowdown:	1" NPT
Chemical Feed	1" NPT
Atomizing Steam:	1"-150# FLG
Instrument Air:	½" NPT
Water Column Drain:	¾" NPT

Electrical Power Service Requirements:
480 VAC, 3 ph, 60 hz, 250 AMPS

Dimensions & Weights:

Length / Width / Height:	45' 2" / 10' 7" / 13' 5"
Shipping Weight:	92,000 lbs
Operating Weight:	121,500 lbs (with optional economizer)

Emissions Data (natural gas):

NOx (corr. to 3% O_2):	30 ppm
CO (corr. to 3% O_2):	50 ppm

Ask About Our **Green Solutions**

CataStak™ Ultra Low NOx Solutions

EconoStak Energy Saving Solutions