

## **75,000 lbs/hr B&W 750/750**

One (1) Low NOx Trailer-Mounted 75,000 lbs/hr Babcock & Wilcox package watertube boiler, 750 psi design pressure, 750°F superheat, set to burn natural gas or No. 2 oil, including but not limited to the following scope of supply:

Boiler with trim

Siteglass

Water column with high and low water alarms

Safety valves (shipped loose, set @ 750 psi)

Blowdown valves (bottom and surface)

Feedwater stop and check valves

Low water cut-offs (primary and secondary)

Steam pressure gauge

Single element pneumatic feedwater regulator with three-valve by-pass, inlet strainer, and pressure/temperature indicators

Coen Low NOx burner (30ppm NOx while firing natural gas w/FGR and economizer)

Forced draft fan with 125 hp TEFC motor and starter (shipped loose)

Burner management system with first-out annunciator (Fireye E110/E300)

Single point positioning combustion control (Moore 354 Fieldpac)

Control circuit transformer

NEMA 4 electrical enclosures and sealite conduit for weather protection

Fused electrical disconnect with single power supply entrance connection

All equipment shall meet FM/IRI insurance and NFPA 8501 requirements

Boiler is designed for outdoor installation, weather protected except for freezing conditions

No. 2 oil pump, mounted and wired

Economizer piping with bypass mounted on unit

Kentube economizer (shipped loose)

Eight- inch non-return valve (shipped loose)

Stub stack (shipped loose)

FGR ductwork (shipped loose)

Connection Sizes:

Steam: 8" 600 Lb. R.F. flange

Oil: 1½" NPT inlet, ¾" return

Gas: 6" 150 Lb. R.F. flange

Water: 2½" 600 Lb. R.F. flange

Blowdown: 1½" 600 Lb. R. F. flange

Atomizing air/steam: 1½" NPT

Chemical feed: 1" NPT

Electrical Requirements: 480 volt, 3 ph, 60 hz 100 K.W. required

Dimensions (with integral trailer):

Length: 61' - 6"

Width: 10'-11"

Height: 14'-0"

Shipping Weight: 130,500 pounds

Weight (flooded): 156,500 pounds