75,000 PPH 395 PSI RENTAL BOILER

STEAM
1. 2 1/2"-300# SPARE (BLANKED)
2. 2 1/2"-300# SPARE (BLANKED)
3. 2 1/2"-300# SAFETY VALVE CONNECTION (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
4. 2"-300# SAFETY VALVE CONNECTION (SAFETY VALVE MUST BE REMOVED FOR TRANSPORT)
5. 1" NPT DRUM VENT / AUX CONNECTION
6. 8"-300# MAIN STEAM OUTLET CONNECTION
7. 1-1/2"-300# MUD DRUM BLOW OFF
8. 1-1/2"-300# LOW DRUM HEATING COIL CONNECTIONS ARE BLANKED.
9. 1 CONTINUOUS BLOWDOWN CONNECTION
10. 2"-300# SOOT BLOWER STEAM SUPPLY CONNECTION (BLANK ON FAR SIDE)
11. 1 1/2"-300# HEATING COIL (BLANKED)

BOILER FEEDWATER
12. 2-1/2"-300# FEEDWATER SUPPLY CONNECTION

FUEL GAS
7. FLUE GAS STACK AND TRANSITION (REMOVED FOR TRANSPORT)
10. 3/4" NPT PILOT GAS CONNECTION (NATURAL OR PROPANE)
12. 4"-150# FUEL GAS CONNECTION
13. 2"-150# GAS VENT OUTLET

FUEL OIL
11. 3/4" NPT FUEL OIL INLET (LOCATED ON END OF TRAILER)

ATOMIZING STEAM
9. 1 1/2"-300# AUX ATOMIZING AIR / STEAM CONNECTION (LOCATED BEHIND CABINET)

ELECTRICAL
19. 480/60/3 POWER SUPPLY 179 AMPS

MISC.
8. F.D. FAN HOUSING
16. 1" NPT CHEMICAL FEED CONNECTION (LOCATED ON OPPOSITE SIDE OF TRAILER)
21. 2"-300# CHEMICAL CLEANING CONNECTION
22. 3/4" NPT FURNACE PRESS CONNECTION
23. WASHOUT
24. 1" NPT INSTRUMENT AIR CONNECTION

NOTE 1: A NATURAL GAS OR PROPANE PILOT IS REQUIRED FOR OIL
NOTE 2: PROVIDE ADEQUATE WEATHER PROTECTION FOR BURNER, CONTROLS AND PERSONNEL

DESIGN DATA
OVERALL HEIGHT: 14'-3"
OVERALL LENGTH: 59'-0"
OVERALL WIDTH: 10'-6"
NET WEIGHT (INCL. TRAILER): 94,600 LBS
CONTINUOUS CAPACITY: 75,000 PPH
DESIGN PRESSURE: 395 PSI
FEEDWATER TEMPERATURE: 230 DEG F
FURNACE VOLUME: 1,128 CU. FT.
CONVECTION HEATING SURFACE: 4,317 SQ. FT.
RADIANT HEATING SURFACE: 796 SQ. FT.
TOTAL HEATING SURFACE: 5,113 SQ. FT. (A.S.M.E.)
GAS SUPPLY PRESSURE: 15 PSI
OIL SUPPLY PRESSURE: 50 PSI FLOODED MAX.
FEED WATER PRESSURE: 75-100 PSI ABOVE
INSTRUMENT AIR PRESSURE: 60 PSI MIN.