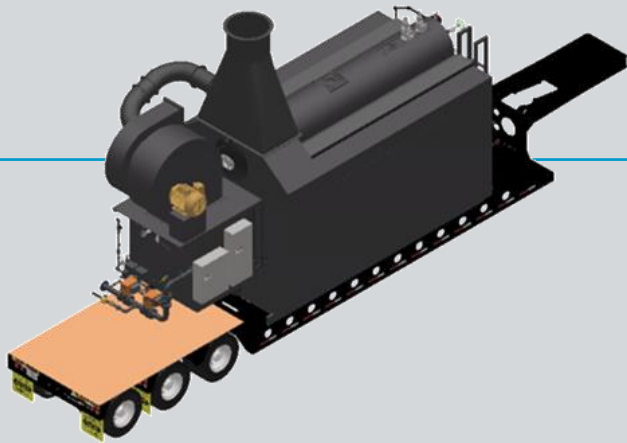


Trailer Mounted Watertube 1,450 HP / 50,000 PPH



WT-50

Features:

- Boiler and Burner Package
- Control Systems and Panels
- Fuel Handling Equipment
- Modulating Feedwater Control Valve
- Stack and FGR (Flue Gas Recirculation) Piping
- **Low NOx (30 PPM)**

General Information

Rental Category	Trailer Mounted Watertube
Boiler Size	1,450 BHP
Max Output Capacity	50,000 PPH (22.7 T/H)
Max Pressure (MAWP)	399 PSIG (27.5 BARG)
Fuel(s)	Natural Gas / #2 Oil
Service	HPS / HHW
NOx Emission Rating	30 PPM

Connections

Steam Outlet	8" 300# FLG
HHW Supply	8" 300# FLG
HHW Return	8" 300# FLG
Stack Exhaust	34" Ø
Remote Feed Water	3" 300# FLG
Natural Gas	3" 300# FLG
#2 Oil Supply	1 ¼" NPT
#2 Oil Return	¾" NPT
Blowdown Drain	1 ½" 300# FLG
System Drain	1 ½" 300# FLG
Electrical	PANEL
Air Atomization	1 ¼" NPT

Output Specifications

Operating Range	80 – 3855 PSIG (5.5 – 26.5 BARG)
Turndown (NG/#2 Oil)	10:1 / 8:1
Steam Quality	99.5%
Efficiency (NG/#2 Oil)	80% - 83% / 85% - 86%
HHW Flow (Max)	2,000 GPM@50°FΔT (7,570 LPM@27.8°CΔT)
HHW Flow (Min)	1,200 GPM@50°FΔT (4,542 LPM@27.8°CΔT)

Dimensions

Overall Length	53' 05" (16.3 M)
Overall Width	10' 07" (3.2 M)
Overall Height	14' 02" (4.3 M)
Shipping Weight	96,000 LBS (43,550 KGS)
Operating Weight	117,000 LBS (53,060 KGS)

Input Specifications

Remote Feed Water	110 GPM@415 PSIG (415 LPM@28.6 BARG)
Electricity	480 V / 3 PH / 60 HZ @ 125 A
Fuel Input (NG/#2 Oil)	63 / 61 MMBTU/hr (18.5 / 17.9 MW)
NG Flow	6,330 – 63,300 CFH (180 – 1,800 m³/hr)
NG Pressure	12 – 20 PSIG (0.8 – 1.4 BARG)
#2 Oil Flow	55 – 443 GPH (210 – 1,675 LPH)
#2 Oil Pressure	120 PSIG (8.3 BARG)
Pilot (NG)	1,200 CFH @ 10 PSIG (566 LPM @ 0.7 BARG)
Instrument Air	125 CFM@100 PSIG (212 m³/hr@6.9 BARG)
Steam Atomization	750 PPH @ 130 PSIG (0.34 T/H @ 9 BARG)

Last updated on: 17-Dec-24

HPS: High Pressure Steam LPS: Low Pressure Steam HHW: Hydronic Hot Water DHW: Domestic Hot Water



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Subject to change without prior notice. Information is for guidance only. Please contact your nearest Rental office for detailed application advice.