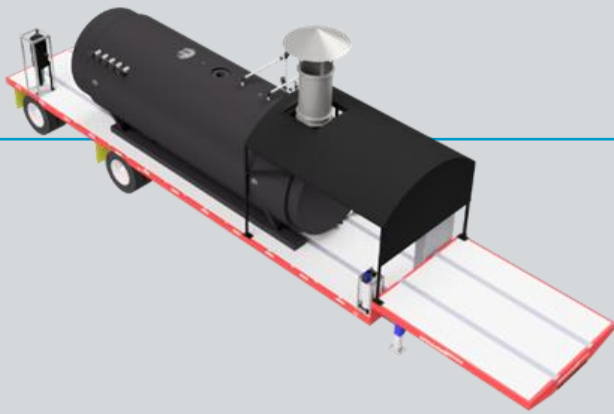


# Trailer Mounted Firetube 800 HP / 27,600 PPH



## TM-800

### Features:

- Boiler and Burner Package
- Control Systems and Panels
- Fuel Handling Equipment
- Modulating Feedwater Control Valve
- Blowdown Separator
- Maintenance Accessibility on Flatbed Chassis
- **Low NOx (30 PPM)**

### General Information

Rental Category	Trailer Mounted Firetube
Boiler Size	800 BHP
Max Output Capacity	27,600 PPH (12.5 T/H)
Max Pressure (MAWP)	250 PSIG (17.2 BARG)
Fuel(s)	Natural Gas / #2 Oil / Propane
Service	HPS
NOx Emission Rating	30 PPM

### Connections

Steam Outlet	8" 300# FLG
Stack Exhaust	24" Ø
City Water	2" NPT
Remote Feed Water	2" NPT
Natural Gas	3" 150# FLG
#2 Oil Supply	1" NPT
#2 Oil Return	1" NPT
Blowdown Drain	6" 150# FLG
System Drain	2" NPT
Electrical	PANEL

### Output Specifications

Operating Range	80 – 235 PSIG (5.5 – 16.2 BARG)
Turndown (NG / #2 Oil)	10:1 / 8:1
Steam Quality	99.5%
Efficiency (NG / #2 Oil)	80% - 83% / 85% - 86%

### Dimensions

Overall Length	53' (16.2 M)
Overall Width	08' 06" (2.6 M)
Overall Height	13' 06" (4.1 M)
Shipping Weight	68,000 LBS (30,850 KGS)
Operating Weight	84,000 LBS (38,100 KGS)

### Input Specifications

City Water	15 GPM@50 PSIG (57 LPM@3.5 BARG)
Remote Feed Water	85 GPM@265 PSIG (322 LPM@18.2 BARG)
Electricity	480 V / 3 PH / 60 HZ @ 100 A
Fuel Input (NG/#2 Oil)	33.5 / 32.4 MMBTU/hr (9.8 / 9.5 MW)
NG Flow	3,350 – 33,480 CFH (95 – 950 m <sup>3</sup> /hr)
NG Pressure	4.5 – 10 PSIG (0.3 – 0.7 BARG)
#2 Oil Flow	29 – 231 GPH (109 – 876 LPH)
#2 Oil Pressure	Use Onboard Oil Pump
Pilot	Propane Tank Included
Instrument Air (incl.)	10 CFH@100 PSIG (0.3 m <sup>3</sup> /hr@6.9 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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