

# 30,000 PPH 395 PSI RENTAL BOILER

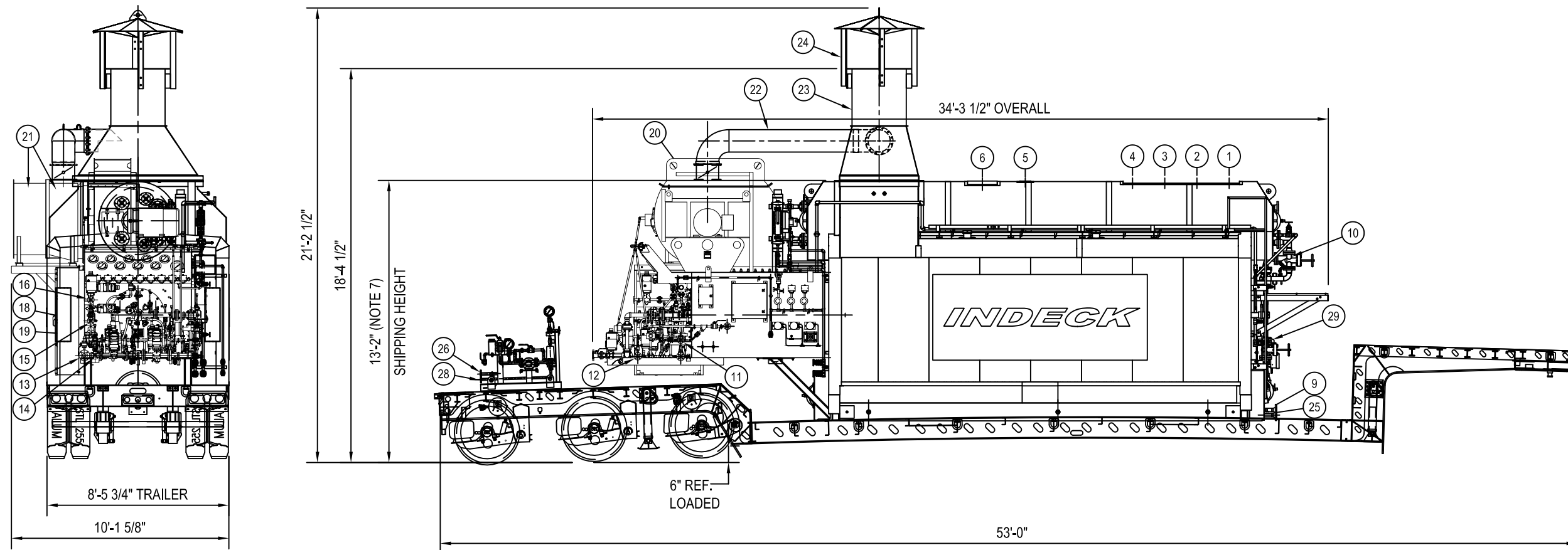
**UNIT REFERENCE:**

TRAILER 225L

TRAILER 226L

**DESIGN & OPERATING DATA**

Indeck Boiler Model	OT-30
Continuous Capacity	30,000 PPH
Design Pressure	395 PSIG
Design Temperature	Saturated
Operating Pressure (Steam Drum)	100 - 360 PSIG
Feedwater Pressure	75 - 100 PSIG Above operating Pressure
Feedwater Temperature	230 degF
Natural Gas Supply Pressure	17.5 PSIG (Pressure Regulation by Customer)
Oil Pump Inlet Pressure	Positive to 30 PSIG MAX. Flooded
Alternate Pilot Gas Pressure	10 PSIG (When firing #2 oil, Regulated)
Instrument Air Pressure	80-100 PSIG
Shipping Weight (boiler & trailer only) - approx.	72,000 lbs



**STEAM**

- 1. 2"-600# Spare (Blanked)
- 2. 2"-600# Spare (Blanked)
- 3. 1 1/2"-600# Safety Valve Connection
- 4. 1 1/2"-600# Safety Valve Connection
- 5. 1" NPT Drum Vent / AUX Connection
- 6. 6"-300# Main Steam Outlet Connection
- 9. (2) 1 1/2"-300# Mud Drum Heating Coil (In/Out)

**BOILER FEEDWATER**

- 10. 2"-300# Feedwater Supply Connection

**BURNER / FUEL TRAINS (Nat Gas or #2 Oil Fired)**

- 11. 1"-300# Atomizing Air Inlet (Atomizing steam is prepped from steam drum)
- 12. 1" 150# RF Instrument Air Customer Connection
- 13. 2"-150# Natural Gas Inlet Connection
- 14. 1"-150# Natural Gas Vent
- 15. 3/4"-150# Propane Pilot
- 16. 3/4"-150# RF FLG Pilot Gas Train Vent

**POWER DISTRIBUTION & CONTROLS**

- 18. Electrical Power Distribution Cabinet - 480V/60HZ/3ph Power Supply
- 19. Burner Management & Combustion Control Panel

**MISCELLANEOUS**

- 20. FD Fan - Top Removal Piece \*
- 21. FGR Mixbox & Fresh Air Damper \*
- 22. FGR Ductwork & Damper \*
- 23. Flue Gas Stack with Integral Transition \*
- 24. Raincap \*
- 25. (2) Mud Drum Blowdown Valves \* (Valves Not Shown)
- 26. 1"-150# RF FLG Supply Connection to #2 Fuel Oil Pump System
- 28. 3/4"-150# RF FLG Oil Return
- 29. 1" FNPT Continuous Blowdown Customer Connection

**NOTES**

- 1. Items marked with "\*" are shipped loose. Additional items also shipped loose.
- 2. Firing unit on #2 fuel oil requires natural gas or vaporous propane pilot fuel to be supplied by client.
- 3. Client to provide adequate weather protection for burner, controls and personal. This includes freeze protection.
- 4. Client is responsible for heat tracing and insulating feedwater piping for personal and freeze protection.
- 5. Spare steam drum safety valve and vent connections available.
- 6. Client responsible for determining trailer cribbing material and method. Drawing representation is for reference only.
- 7. Shown dimension is with the assumption of 6 inches distance between bottom of trailer and ground.
- 8. Fasteners and Gaskets by Lessee.

INDECK POWER EQUIPMENT COMPANY 1111 WILLIS AVENUE WHEELING, ILLINOIS 60090 ( WEBSITE: WWW.INDECK.COM )

**INDECK 30,000 PPH RENTAL BOILER**