

## TRENCH BURNER SPECIFICATIONS



A trailer mounted air curtain burner system that has been designed and engineered to provide over-the-road transportability, offering the operator the flexibility of reducing clean wood waste on-site as opposed to hauling the waste to a fixed processing or dumping location or chipping it at high cost and possibly hauling it as well.

Built for the high temperature burning of clean wood waste, such as forest slash, land-clearing debris, pallets, general green waste, storm debris, and other waste streams in compliance with the requirements of US EPA 40CFR60.

1	Power	Four-cylinder Turbo Diesel Engine 74.5 HP, HATZ Model 4H50TIC (Requires no DEF) or equivalent engine; Emissions certified US EPA Tier 4 FINAL; Engine mounted PTO (Power take-off) with multi-belt drive
2	Instrument Panel	MBW electronic engine control with preset throttle settings: key switch, tachometer, hour meter, fuel gauge, oil pressure and water temperature and safety shutdown feature
3	Safety Systems	Engine over temperature shut down; Loss of cooling fluid shutdown; Loss of oil pressure shutdown
4	Air Supply	Custom heavy duty air fan
5	Carrier Pipe	The Carrier Pipe protects the trailer from fire damage by providing a “set-back” between the trailer and the burn trench; 20' (≈ 6m) long carrier pipe, fully assembled, easily extends and retracts from trailer
6	Manifold Dimensions	Manifold Length: 30' (9m)
7	Average Through-put	8-10 Tons per Hour (Average – See Note)
8	Fuel Consumption	Approximately 2.4 gal/hr. (9 L/hr.) Ultra-low sulfur (ULSD) Diesel fuel
9	Weight	6,585 lbs. (2,986 kg); Tongue Weight: 750 lbs. (340 kg)
10	Miscellaneous	45 gallon (170L) minimum fuel tank capacity Manual winch to assist with retraction of manifold assembly; Exterior color: standard industrial yellow
11	Transportation	Fully welded steel trailer, dual torsion spring axles with electric brakes on both; Full trailer lighting; 7-way RV blade connector; Hitch: 2 <sup>5</sup> / <sub>16</sub> inch ball (Pintle Hitch optional)
12	Dimensions	<div>Length</div> <div>27' 5"</div> <div>8.4 m</div> <div>Width</div> <div>8' 2"</div> <div>2.5 m</div> <div>Height</div> <div>7' 4"</div> <div>2.24 m</div>

**Note:**

Achievable through-put depends on several variables, especially the nature of the waste material, the burn chamber temperature and the loading rate. All weights and dimensions are approximate and metric conversions are rounded. Specifications are subject to change without notice.

*The Trench Burner is offered as “Non-self-propelled Agricultural/Forestry/Construction Mobile Machinery ” for only incidental On-Road use.*

**AIR BURNERS, INC.**

4390 SW Cargo Way • Palm City, FL 34990

Phone 772-220-7303

E-mail: [info@airburners.com](mailto:info@airburners.com) • [www.AirBurners.com](http://www.AirBurners.com)

© 2022 Air Burners, Inc.

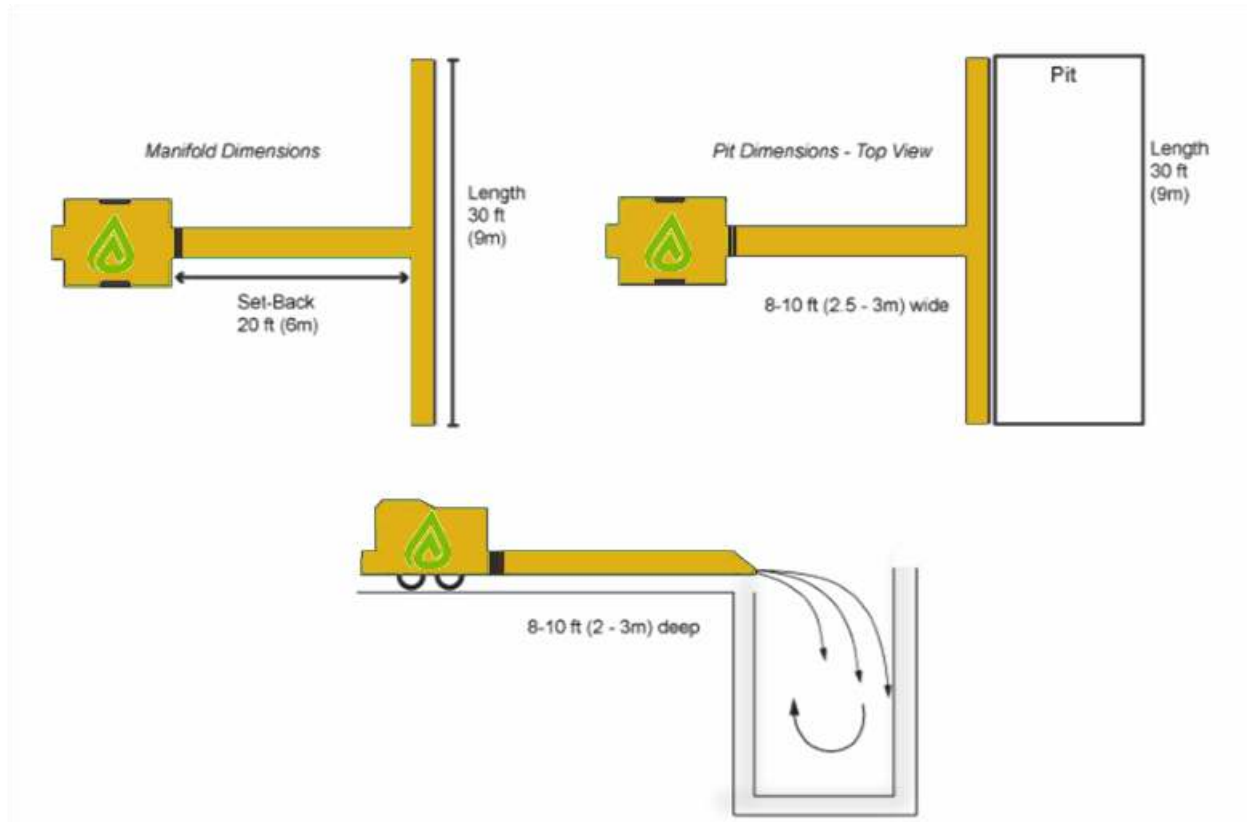
Rev. 05.18.2022



# T300

## TRENCH BURNER SPECIFICATIONS

---



**Note:**

Achievable through-put depends on several variables, especially the nature of the waste material, the burn chamber temperature and the loading rate. All weights and dimensions are approximate and metric conversions are rounded.

Specifications are subject to change without notice.

*The Trench Burner is offered as "Non-self-propelled Agricultural/Forestry/Construction Mobile Machinery" for only incidental On-Road use.*

**AIR BURNERS, INC.**

4390 SW Cargo Way • Palm City, FL 34990

Phone 772-220-7303

E-mail: [info@airburners.com](mailto:info@airburners.com) • [www.AirBurners.com](http://www.AirBurners.com)

© 2022 Air Burners, Inc.

Rev. 05.18.2022