

## 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 within the USA in compliance with the requirements of US EPA 40CFR60.

1	Power	Four cylinder Turbo Diesel Engine 56 HP (Perkins 404D.22T or equivalent engine), full enclosure; security locks around power source; Emission certified US EPA Tier4 compliant; Engine mounted PTO (Power take-off) with multi-belt drive									
2	Instrument Panel	Murphy switch, tachometer, fuel gauge, hour meter, oil pressure and water temperature indicators with safety shutdown feature and adjustable locking throttle; lockable instrument panel									
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' (≈6 m) long carrier pipe, fully assembled, easily extends and retracts from trailer									
6	Manifold Dimensions	Manifold Length: 30' (9 m)									
7	Average Through-put	8 Tons per Hour (Average – See Note)									
8	Fuel Consumption	Approx. 2.5 Gal/Hr (9.5 L/Hr)									
9	Weight	6,500 lbs. (2,950 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 or optionally green									
11	Transportation	Fully welded steel trailer, dual axles with electric brakes on both axles; Full trailer lighting; Hitch: Both Pintle (MIL) and 2 <sup>5</sup> / <sub>16</sub> inch ball (convertible)									
12	Dimensions	<table border="0"> <tr> <td>Length</td> <td>28' 10"</td> <td>8.80 m</td> </tr> <tr> <td>Width</td> <td>8' 2"</td> <td>2.50 m</td> </tr> <tr> <td>Height</td> <td>6' 10"</td> <td>2.10 m</td> </tr> </table>	Length	28' 10"	8.80 m	Width	8' 2"	2.50 m	Height	6' 10"	2.10 m
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**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.

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

**AIR BURNERS, INC.**

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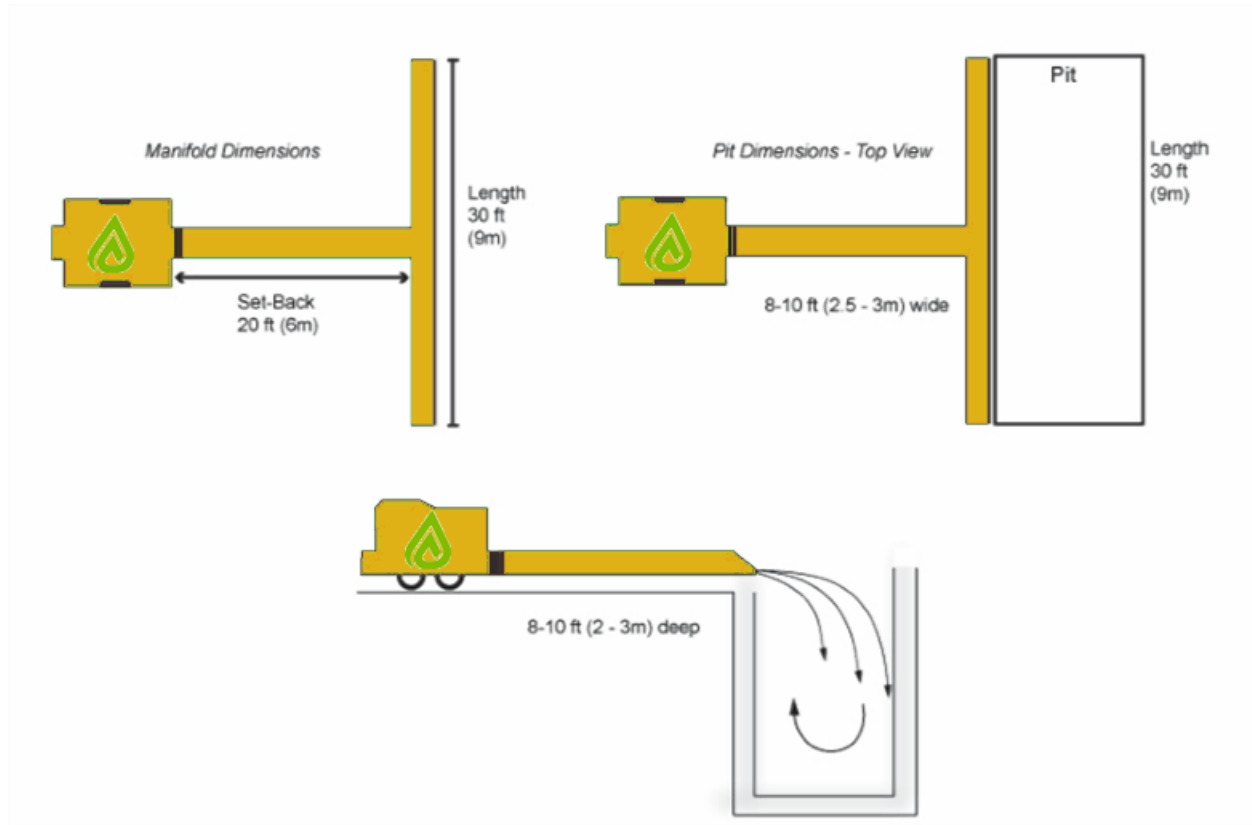
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