



TRENCH BURNER SPECIFICATIONS

T-300



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 vegetative land clearing or clean construction 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 still hauling it as well.

The T-300 unit is a fully self-contained trailer mounted system that includes a power plant, mechanical drive system, blower (air) fan, air delivery system, and fuel tank.

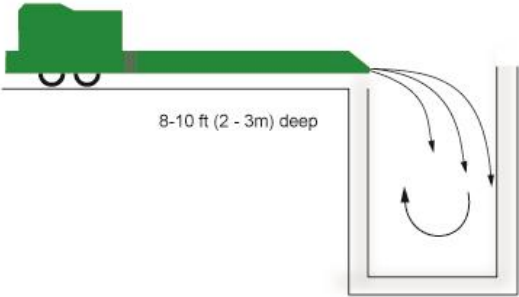
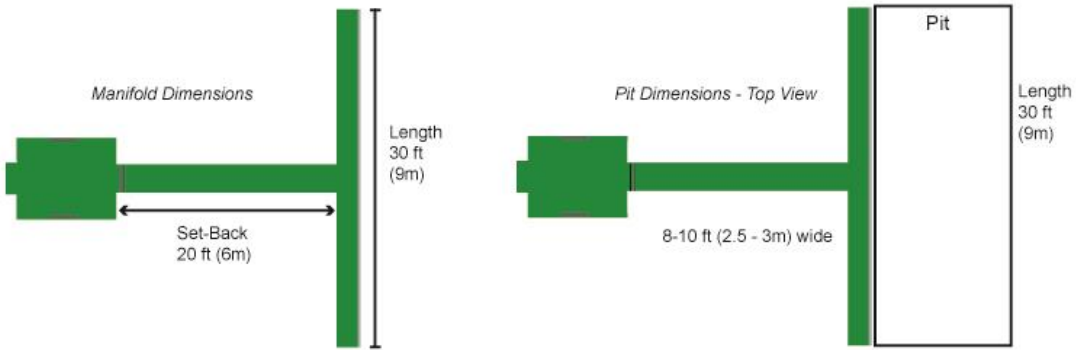
1	Power	Four cylinder Diesel engine 56 HP (Perkins 404D.22T or Kubota V2403 -TE), full enclosure; security locks around power source; Emission certified US EPA Tier4 compliant; Engine mounted PTO (Power take-off) with multi-belt drive system
2	Instrument Panel	Murphy start/stop push buttons (Perkins) or start/stop key switch (Kubota), tachometer, hour meter, fuel gauge, oil pressure and water temperature indicators with safety shutdown feature and adjustable locking throttle; lockable instrument panel housing
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) Diesel Fuel
9	Weight	6,500 lbs. (2,950 kg); Tongue Weight: 750 lbs. (340 kg)
10	Miscellaneous	43 gallon (163 L) minimum fuel tank capacity Manual winch to assist with retraction of manifold assembly External color: yellow
11	Transportation	Fully welded steel trailer, dual torsion axles with electric brakes on all wheels; Full trailer lighting; Hitch: 2 5/16 inch ball or pintle
12	Dimensions	Length 28' 10" 8.80 m Width 8' 2" 2.50 m Height 6' 10" 2.10 m

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

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T-300 TRENCH CONFIGURATION



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