



TRENCH BURNER SPECIFICATIONS

T-400



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 land clearing or clean construction 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.

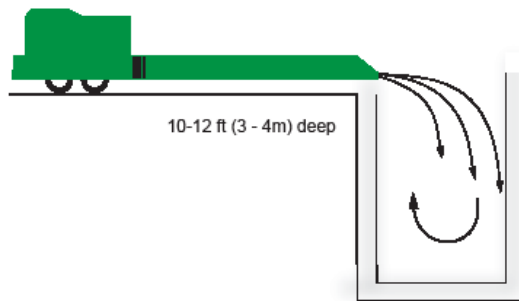
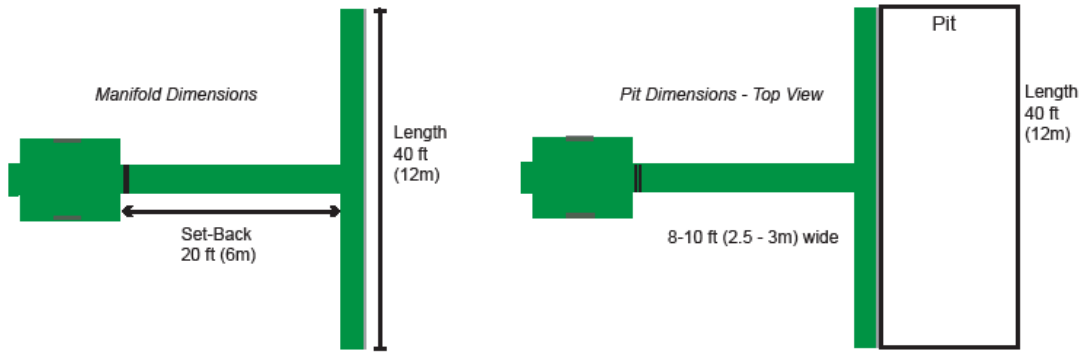
1	Power	Four cylinder Diesel Engine 85 HP (Kubota V3600 -TE) or equivalent engine), full enclosure; security locks around power source; Emission certified US EPA Tier3. Engine mounted PTO (Power take-off) with multi-belt drive
2	Instrument Panel	Start/Stop key switch, tachometer, hour meter, oil pressure 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: 40' (12 m)
7	Average Through-put	10-12 Tons per Hour (Average – See Note)
8	Fuel Consumption	Approx. 3.5 Gal/Hr (13 L/Hr)
9	Weight	6,900 lbs. (3,220 kg); Tongue Weight Approx. 1,200 lbs (544 kg)
10	Miscellaneous	45 gallon (170L) minimum fuel tank capacity Manual winch to assist with retraction of manifold assembly
11	Transportation	Fully welded steel trailer, dual axles with electric brakes on both axles; Full trailer lighting; Hitch: Both Pintle and 2 ⁵ / ₁₆ inch ball (convertible)
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 chamber 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-400 TRENCH CONFIGURATION



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