

TRENCH BURNER SPECIFICATIONS



MADE IN THE USA

A trailer mounted air curtain burner system (air curtain destructor or pit burner) 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 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. The trench burner is also used for disaster recovery and Department of Homeland Security (FEMA) contingencies. Street legal with VIN.

1	Power	Four-cylinder 74 hp Turbo Diesel Engine, HATZ 4H50TIC or equivalent engine; Does not require DEF; Emissions certified U.S. EPA Tier 4F; Engine mounted fluid coupling (automatic clutch) 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 ft. (6 m) long carrier pipe, fully assembled, easily extends and retracts from trailer.		
6	Manifold Dimensions	Manifold Length: 30 ft. (9 m)		
7	Average Through-put	8-10 t/hr. (Average – See Note)		
8	Fuel Consumption	Approximately 2 gal./hr. (7.6 L/hr.) Ultra-low sulfur diesel fuel (ULSD).		
9	Weight	6,600 lb. (3,000 kg); Tongue Weight: 750 lb. (340 kg)		
10	Miscellaneous	45 gal. (170 L) minimum fuel tank capacity; Manual winch to assist with retraction of manifold assembly; Standard exterior color: industrial yellow.		
11	Transportation	Street legal fully welded steel trailer, dual torsion spring axles with electric brakes on both; Full trailer lighting; 7-Way RV blade electrical connector; Hitch: 2 ⁵ / ₁₆ inch ball hitch receiver (Pintle hitch optional).		
12	Dimensions	Length	27' 5"	8.4 m
		Width	8' 2"	2.5 m
		Height	7' 4"	2.24 m

Note: Achievable through-put depends on several variables, especially the nature of the wood waste feedstock, the firebox temperature and the loading rate. All weights and dimensions are approximate and metric conversions are rounded. Specifications are subject to change without notice. The FireBox is offered for the reduction of clean wood waste. For detailed operating instructions and safety precautions, refer to the T300 Operating Manual.



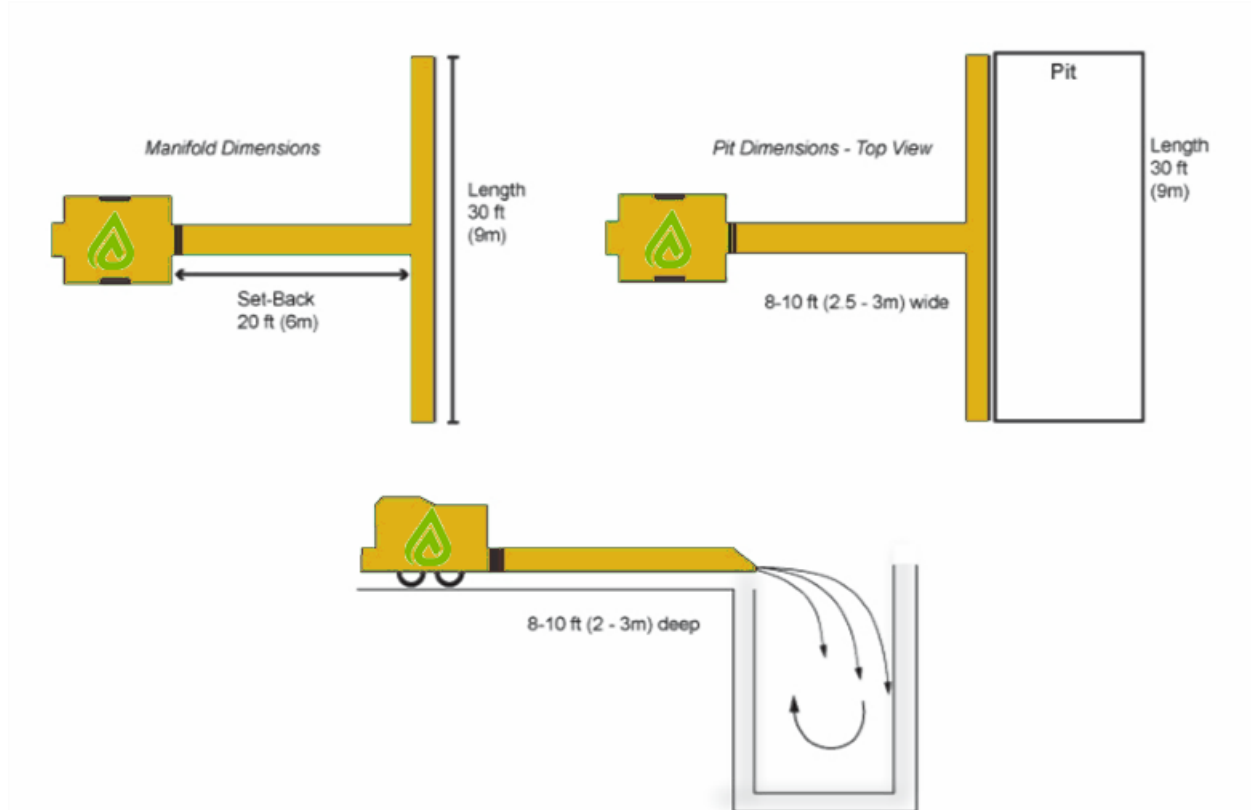
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TRENCH BURNER SPECIFICATIONS**T300 Dimensions of Earthen Trench or Pit**

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