

TRACKBOSS[®] SPECIFICATIONS



MADE IN THE USA

General: The T28 is a patented self-propelled track-mounted, self-contained, completely assembled above ground Air Curtain Burner for off-road mobile applications. It is remote-controlled by radio and has been fitted with a refractory lined burn-container that is raised and lowered by a hydraulic lift system. Designed for the environmentally sound high temperature reduction of clean wood waste in forestry and agriculture in compliance with the requirements of U.S. EPA 40CFR60, the T28 is also used for disaster recovery and DHS/FEMA contingencies. Well suited for forest lands and parks with machine ground pressure concerns.

Shipped from the factory completely assembled ready for immediate use.

1	Power	Three-cylinder Turbo Diesel Engine approx. 49 HP, HATZ Model 3H50TIC or equivalent engine; Emissions certified US EPA Tier 4F.	
2	Burn Container (Firebox)	4 in. (102 mm) thick side walls; Refractory panels filled with proprietary thermal ceramic material cast into steel trays; Panels kiln dried before assembly; Firebox is raised and lowered by hydraulic actuators; Firebox is open to the ground.	
3	Running Gear	Hydraulic track design includes a high/low forward and reverse speed control, fully welded steel frame, differential steering mode, steel tracks; 37% gradeability; Total ground pressure is 4.98 psi (36.23 kPa); Travel speed is 1.42 ft./sec. (0.43 m/s).	
4	Remote Radio Controls	Key switch, tachometer, hour meter, fuel gauge, oil pressure and water temperature indicators with safety shutdown feature; Onboard charger for radio control.	
5	Air Curtain	Hydraulically driven custom air fan; Steel manifold welded in position.	
6	Fuel Tank	32 gal. (121 L) fuel tank capacity allows for approx. 29 hr. of run time.	
7	Hydraulics	Hydraulic rams lower the firebox for operation and raise it for ash removal and transport; Hydraulic system is powered by the onboard Diesel engine; ISO32 Synthetic Oil.	
8	Set-up	The TrackBoss arrives onsite ready to use.	
9	Average Through-put	½ -1 t/hr. (Average – See Note) Typical feedstock: clean wood waste: forest slash, tree trimmings, vineyard/orchard woody debris, tumbleweeds, etc.	
10	Fuel Consumption	Approx. 1.1 gal./hr. (4.2 L/hr.) Ultra-low sulfur Diesel fuel (ULSD).	
11	Weight	Gross Weight: Approx. 15,350 lb. (6963 kg)	
12	Dimensions	Overall Size L × W × H	FireBox L × W × H
		17' 10" × 8' 6" × 5' 8" 5.2 m × 2.6 m × 1.7 m	12' × 4' × 4' 3.7 m × 1.2 m × 1.2 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 T28 TrackBoss[®] air curtain burner is offered for the reduction of clean wood waste as “Non-self-propelled Mobile Machinery” for the forestry and agricultural industries. For detailed operating instructions and safety precautions, refer to the T28 TrackBoss Operating Manual.



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