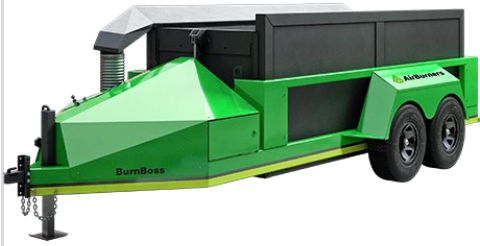


**BURNBOSS<sup>®</sup> SPECIFICATIONS**


**General:** A self-contained, completely assembled above ground Air Curtain Burner (air curtain incinerator or FireBox) with a refractory lined burn-container that is dual-axle trailer mounted and powered by an onboard Diesel engine. The FireBox is raised and lowered by a hydraulic lift system. Designed for the high temperature burning of forest slash, agricultural vegetative waste, land-clearing debris, green waste, storm debris, and other waste streams in compliance with the requirements of US EPA 40CFR60.

Shipped from the factory completely assembled ready for immediate use. The BurnBoss is also useful for disaster recovery and certain Homeland Security contingencies.

1	Power	Two cylinder liquid cooled Diesel engine, 12.5 HP (Kubota Z482-E3 or equivalent), full enclosure; security locks around power source; Emission certified US EPA Tier4	
2	Burn Container (Firebox)	4" (101mm) thick walls; Refractory panels filled with proprietary thermo-ceramic material cast into steel trays; panels kiln cured before assembly with proprietary stress relieving and crack propagation reduction features. FireBox is raised and lowered by hydraulic actuators. The FireBox is open to the ground	
3	Running Gear	Patented trailer design includes a fully welded steel frame, dual torsion axles and heavy duty tires for on and off road use; Pintle or ball hitch (2 <sup>5</sup> / <sub>16</sub> " (58.75mm) for towing; Mechanical jack stand. Standard trailer lighting package; Heavy duty adjustable hitch	
4	Instrument Panel	Key switch, tachometer, hour meter, fuel gauge, oil pressure and water temperature indicators with safety shutdown feature; Lockable instrument panel	
5	Air Curtain	Custom heavy duty fan; Steel manifold welded in position and ready to use	
6	Fuel Tank	10 Gallon (37 L) fuel tank capacity allows for approximately 26 hours of run time	
7	Hydraulics	Hydraulic rams lower the FireBox for operation and raise it for ash removal and transport; 12VDC hydraulic system is powered electrically by the onboard battery; ISO32 Synthetic oil	
8	Set-up	The BurnBoss arrives onsite ready to use	
9	Average Through-put	10-20 cubic yards (7m <sup>3</sup> - 15m <sup>3</sup> ) of forest wood slash per hour — See Note	
10	Fuel Consumption	Approx. 0.35 Gal/Hr (1.30 L/Hr)	
11	Weight	Gross Weight: Approx. 10,200 lbs (4,325kg) Tongue Weight: Approx. 1,200 lbs. (544kg)	
12	Dimensions	Overall Size L × W × H	Fire Box L × W × H
		19' 3½" × 7' 3" × 5' 8" 5.88m × 2.2m × 1.7m	12' × 4' × 4' 3.7m × 1.2m × 1.2m

**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.

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

**AIR BURNERS, INC.**

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Rev. 11.23.2017