



The Energy Consortium And Air Burners Inc.

The Forefront of Sustainable Innovation

Partnering to deliver

Perfect for Emergency Management service to reduce wildfire risks and reducing methane reductions in landfills and the environment. Using Air Burners units onsite versus traditional chipping, transporting and landfill disposal will immediately result in a cost savings of 50%-57%.

TEC and Air Burners solutions are both environmentally friendly and cost-effective. Our air curtain machines burn wood waste naturally and use zero hydrocarbon fuels to support combustion. After the burn, all that remains is biochar, a nutrient-rich soil amendment — and a healthier world.

ELIMINATING BLACK CARBON AT ITS SOURCE

Most black carbon is generated from the open burning of wood waste. Air Burners® uses air curtain technology to trap black carbon emissions and prevent their escape into the atmosphere.

HOW LONG DO CLIMATE DRIVERS STAY IN THE ATMOSPHERE?

CO₂
100 YEARS

METHANE
15 YEARS

BLACK CARBON
WEEKS



ELIMINATE WOOD WASTE

Our air curtain burners are a cost-efficient, environmentally-friendly solution to eliminate unwanted wood and vegetative waste 40x faster than an open burn.



GENERATE POWER

The portable BioCharger sends your power to our Battery Storage Module so you can use it to recharge your battery operated machinery on remote sites.



PRODUCE BIOCHAR

Our self-contained air curtain burners turn wood and vegetative waste into biochar, nutrient-rich carbon ash that amends and restores soil.



BurnBoss

Boss Series

* The BurnBoss® was designed primarily for forest and agricultural use. A trailer mounted FireBox hydraulically actuated to be raised and lowered, the unit is ideal to move around logging roads for forest fire prevention and post fire cleanup. Many city and county parks, as well as roads department crews, use the BurnBoss for cleanup work.

CharBoss

Boss Series

* The patented CharBoss is a machine design that was developed through a Cooperative Research And Development Agreement (CRADA) between Air Burners and the US Forest Service. Based on the Air Burners "BurnBoss" design, this machine was further developed to automatically produce Biochar while eliminating clean wood and vegetative waste. Currently used primarily in the effort to prevent wildfires.



FireBox

FireBox Series

* For over 25 years, we have been shipping our wood and vegetative waste elimination systems around the world. The Air Burners FireBox is a fully self-contained and portable system that can be dragged up a pipeline, dropped on a logging road, or permanently located at a landfill. It is the fastest, safest, and most cost-effective land clearing equipment solution for eliminating wood and vegetative waste.

BioCharger

Power Series

* The BioCharger permanently removes biomass waste without emitting harmful greenhouse gasses like methane and black carbon—the second biggest contributor to climate change after carbon dioxide.

By turning that waste into energy, the portable BioCharger generates power to feed on-site charging stations, effectively closing the energy loop so you can work off-grid and keep your electric vehicles, forklifts, excavators, chainsaws, lights, and job site up and running.

