



About **BurnBot**

**THE FUTURE OF FUELS
MANAGEMENT**

Proactive Solutions > Reactive...

BurnBot, Inc is a technology startup developing wildland fire and forestry technology to prevent catastrophic wildfires.

The BurnBot suite of technologies combine to deliver a one of a kind wildfire mitigation system. We provide the most precise and scalable fuel treatment available while maintaining the smallest ecological and logistical footprint possible. We believe systematic use of good fire is the key to preventing wildfire destruction.

BurnBot complements and maximizes the capacity of wildfire and land management practitioners up to 10x faster than previously possible.

From Top-down, and Ground-up...

BurnBot is being built with ongoing feedback directly from fire agencies, infrastructure, agriculture, conservation, wildland firefighters, and the community. From this, we know we can't hire our way out of preventing catastrophic wildfires. BurnBot has created the technology to complement human efforts and address the needed scale of fuels reduction and management.

We combine hardware, robotics, drones, and state of the art software to deliver a system that expands true force multiplication of fuels management programs.



BURNBOT

ADVANCED FUELS TREATMENT SOLUTIONS

Find Out More:



WWW.BURNBOT.COM

BurnBot

The Capacity Multiplying Precision Fuels Treatment Solution:

BurnBot develops practical technologies that amplifies the workforce capacity of fire and land management practitioners. Our flexible systems can be deployed to support mitigation efforts across the Wildland Urban Interface and more.

From fire and fuels management operations, to infrastructure, to agriculture, and the communities we serve; BurnBot's unmanned systematic wildfire fuel treatments deliver the most precise, and versatile services on the market.

Our proprietary "LeanRX" methodology is a new and game changing approach. LeanRX addresses the complexities and volume of vegetation and wildfire fuel management in a multitude of terrains and fuel types.



Precision Remote Forestry Mastication

Able to reach areas traditional masticators can't, our lightweight machine is remote operated from 500 feet away, sporting a 61 inch cutting head for high volume treatment on slopes up to 60 degrees.



Unmanned Aerial Ignitions

Capable of burning up to 2000 acres a day, our drone based Plastic Sphere Dispenser system uses visual and IR sensors to conduct overwatch and operational missions that allow you to precisely scout, map, and ignite firing operations - even in inaccessible areas.



BurnBot RX1

The RX1 is BurnBot's flagship black line technology that integrates ignition, containment, smoke filtering, and mop-up function in a continuous sequence. As the safest and most ecologically sound solution on the market, the RX1's precision and scale can't be beat.

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AERIAL IGNITION

Unmanned Drone Based PSD System

BurnBot's unmanned aerial ignition systems provide a safer and more cost effective way to conduct prescribed fire and wildfire ignitions operations. Our drone system teams deliver an unmatched solution for aerial ignitions on firing operations - plus much more...

With the ability to ignite up to 2000 acres a day, BurnBot's drone teams can safely execute both small and large scale firing operations with precision, efficiency, and higher safety margins than traditional helicopter PSD missions. The added versatility of low visibility and night time operations generously expands work capacity and capability by reducing fatigue and hazard exposure to ground personnel.

The BurnBot Aerial Ignition Systems are perfect for:

- Prescribed fire ignitions
- Wildfire burn operations
- Vegetation clearance
- Fire/Fuelbreak creation
- Mapping and overwatch
- Reconnaissance missions

PRECISION MASTICATION

Unmanned Remote Precision Forestry Masticators

BurnBot's Remote Precision Forestry Masticators provide a safer, more cost effective way to create defensible space for wildfire home and business defense.

Our masticator systems can handle the toughest conditions, keeping your teams safe while it goes where most other machinery can't.

Able to handle your most difficult mitigation tasks, the system works in thick brush, trees up to 8" in diameter, and terrain up to 60 degrees.

The BurnBot Remote Precision Masticator is perfect for:

- Defensible space
- Infrastructure right of way clearance
- Vegetation removal
- Creating fire & fuel breaks
- Firebreak maintenance
- Invasive species removal
- Land clearing

