

# Mobile Thermal Treatment Unit



## Mobile Thermal Treatment Unit (MTTU)

Nabco introduces our Mobile Thermal Treatment Unit (MTTU), for use by law enforcement, military and private organizations to destroy live ammunition, illegal drugs and other confiscated material. Building on its long experience as the leader in explosive containment, NABCO has designed this new system to feature many leading edge capabilities. The MTTU offers larger payloads and quicker burn rates than competitive units and a filtration system which meets current EPA regulations. In addition the MTTU is designed to fully containing a 2-lbs TNT detonation inside the chamber to provide operator safety during an extreme energetic reaction inside the unit.

### Key Benefits:

- Custom designed HEPA filtration system allows for EPA approved filtering of the exhaust; with the ability to customize the filter arrangement depending on treated materials providing additional user flexibility.
- External electric heating system, eliminating additional fuel in and around the unit as well as eliminating potential fuel air detonations inside the unit. Also eliminates direct burning of target material.
- Reduces money spent on warehouse and storage space, while eliminating a hazard and security risk.



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### Key Features:

- Capacity of 150-lbs of ammunition (0.50 caliber and lower) per burn cycle.
- One burn cycle per hour turnaround period.
- Designed with HEPA filtration system to meet or exceed current EPA requirements.
- Designed to contain an accidental high-order detonation up to 2-lbs of TNT with minimal repair.
- Ability to recycle 90% of the disposed material.
- Unique design all keeps fuel outside of the unit.
- Light weight design with a total system weight of less than 8000-lbs.
- No direct burn elements.
- Sealed lead capture system for easy capture and recycling of lead.
- Completely self-contained (no electrical input requirements).

### Miscellaneous Options:

- Remote control operation.
- Exhaust Sampling Equipment.
- Decontamination Equipment.
- Fixed and Mobile Options
- Various tray options to accommodate other material to be disposed.
- Additional fuel storage for extended operations.
- Optional electrical configuration to operate using facility provided power.

