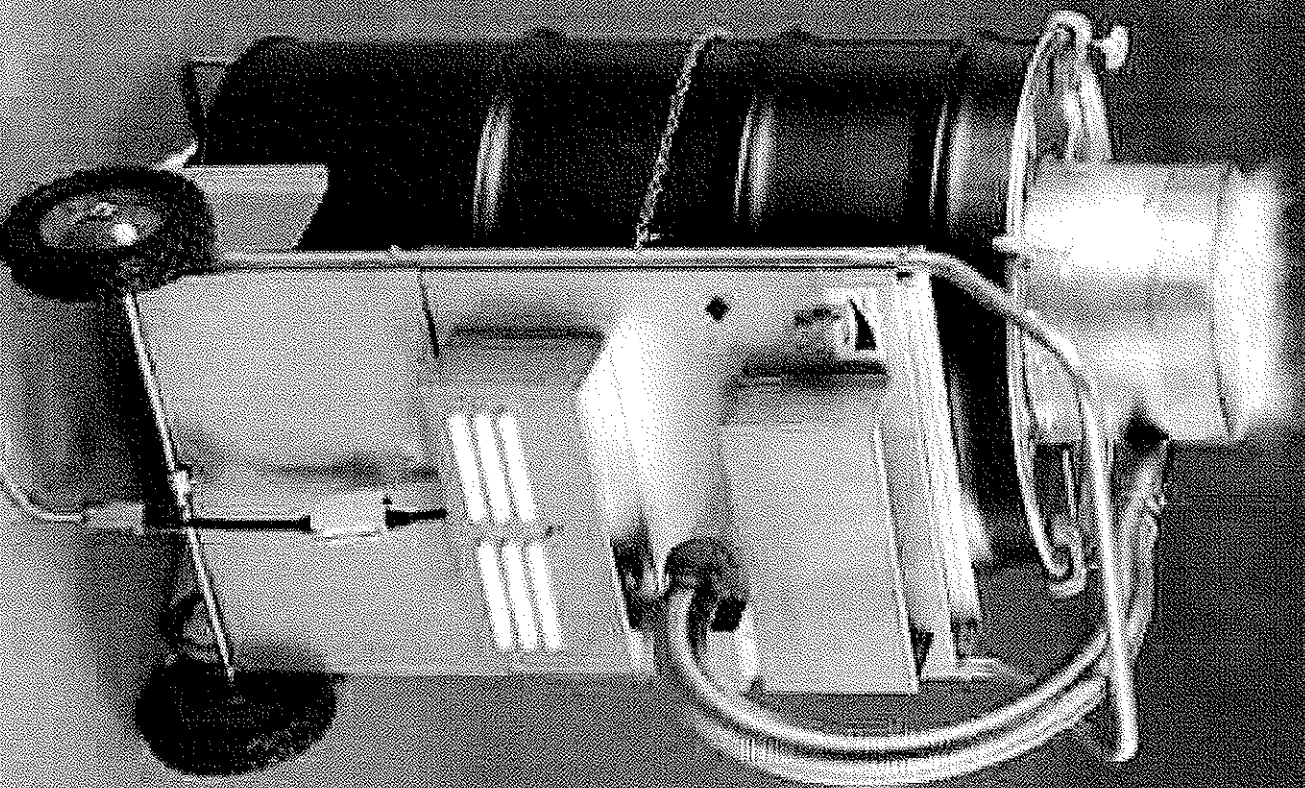


Smart Ash

CYCLONIC BARREL BURNER®

Over 3,000 in use
around the world



**This Multipurpose
Incinerator is used for:**

- Remote Locations
- Mining Camps
- Job Sites
- Oil Drilling Operations
- Truck Stops
- Construction Sites
- Islands
- Barges
- Campsites
- Military Installations

✓ **EPA Approved for
Small Batch Incineration**

ELASTECH
INC.



AmericanMarine
INC.

Manufacturing Environmental Products

www.smallincinerators.com



Oil Away Attachment

An accessory for waste oil disposal and general incineration

The Oil Away Attachment is an accessory for the Smart Ash Incinerator. The Oil Away System injects waste oil into a burning Smart Ash and can be used for "wet" loads typically not burnable in the Smart Ash because the waste stream has high moisture content. **Designed for loads with moisture contents above 15%**, a Smart

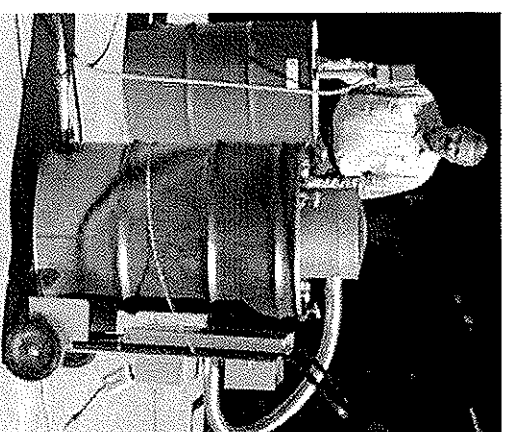
Ash with the Oil Away Attachment significantly increases the types of refuse and waste materials that can be burned. Waste oil is eliminated at rates up to 6 gallons (23 l) per hour.

Smart Ash with the Oil Away Attachment can burn:

- Waste Oil for Disposal
- Restaurant Waste
- Organic Materials
- Oily Rags, Gloves, Clothes
- Paper Waste
- Absorbent Materials
- Filters
- Wood By-Products
- General Non-Hazardous Waste

Oil Away Attachment includes:

- Metered pump (3-6 gallons per hour) (11 - 23 Liters/Hr)
- Hose to Riser
- Riser inside drum
- Nozzle
- Fittings and attachments

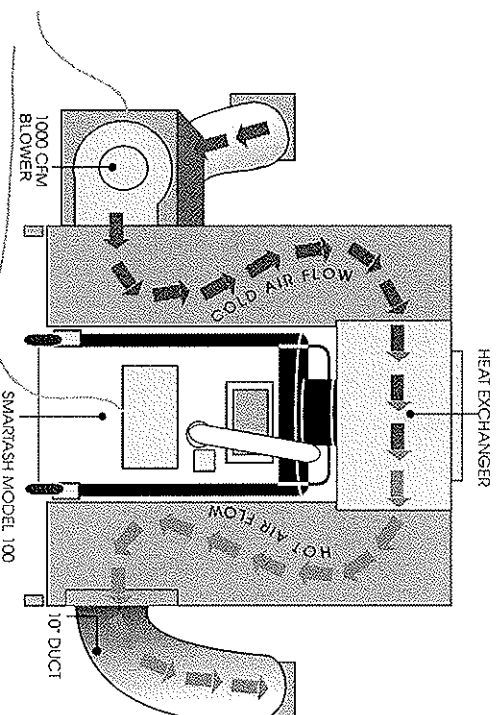


Smart Heat

ENERGY RECOVERY/FURNACE

Smart Heat is used in conjunction with Smart Ash or Smart Ash with the Oil Away Attachment installed.

Smart Heat is easy to operate. Load the Smart Ash, light load and when positioned under Smart Heat's heat exchanger, switch on Smart Heat's 1000 cfm blower. Heat from the Smart Ash warms the air flowing through the heat exchanger and returns air to the facility. Smart Heat burns on site materials and generates free heat for buildings, a smart solution for the disposal of oily absorbents, rags and filters.



Located outside the facility, Smart Heat pulls cool air from inside the building and circulates heated air back into the building.

Specifications

Construction	Heat exchanger, heavy duty steel with heat resistant coatings
Weight	420 lbs. (191 Kg)
Dimensions	67" tall, 60" long, 37" wide (170 cm x 152 cm X 94 cm)
Fuel source	Oily waste
Fuel Container	Smart Ash Model 100 (65 gallon (208L) steel drum not included)
REQUIREMENTS	
Electrical	Two, 120volt outlets or 220volt optional
Location	Exterior



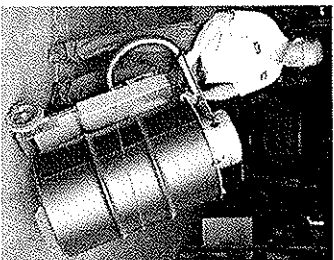
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Smart Ash

CYCLONIC BARREL BURNER®

The air powered Smart Ash uses no external fuel. Simply load a 55 gallon (208L), open head steel drum, light the load and clamp on the lid. A whirlwind of fire and intense heat is created inside the drum, burning your refuse with no smoke and no smell. Thousands of satisfied customers are currently using Smart Ash around the world to eliminate a wide variety of burnable waste materials. Combustion is complete, leaving ash equal to 3% by volume of the original load.

Smart Ash Burns:

- Oil Soaked Absorbent
- Materials
- Used Filters
- Waste Oil
- Paper Waste
- Wood By-Products
- Oily Rags, Gloves, Clothes
- Grease
- Domestic Waste

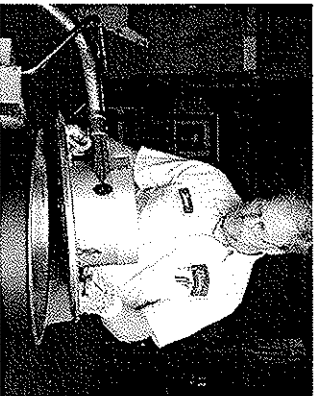
REQUIREMENTS

Construction	Stainless Steel Lid, Painted tubular Steel Frame, 2-Blowers, Axial Vane 120V standard or 220V optional
Requirements	55 Gallon (208L) Steel Open Head Drum
Weight	96 lbs. (44 kg) Without Drum, 139 lbs. (63 kg) With Drum
Height	46" tall, (116 cm)
Floor Space	(With Drum) 36" x 26" (91 x 66 cm)
Average Burn Rate	50 lbs./HR (22 kg./HR)
Requirements	
Electric	120volt or 220volt
Location	Exterior

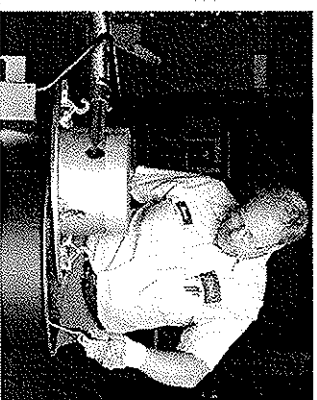
Air pollution tests: Smart Ash has been tested following EPA testing formats. Federal EPA publication (Federal Register 40 CFR part 60) exempts Cyclonic Barrel Burner from State Emission Plans. Emission test data available upon request.



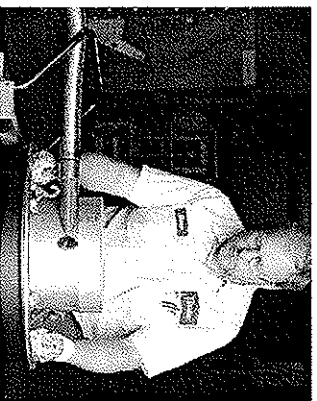
1 LOAD DRUM



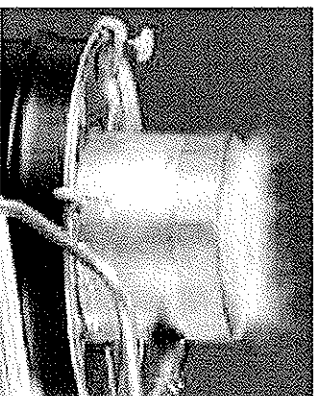
2 ATTACH AIR HOSE - REST LID ON DRUM



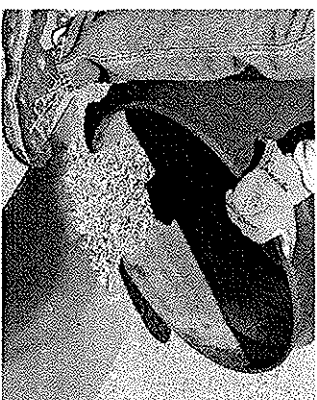
3 IGNITE LOAD - TURN ON MINIMUM AIR



4 CLOSE & CLAMP LID



5 INCREASE AIR SUPPLY SLOWLY
FIRE WILL BURN CLEAN



6 WASTE IS REDUCED TO 3% ASHES
BY VOLUME

Ask for our instructional video, CD or DVD on the operation of the Smart Ash Multipurpose Incinerator.