

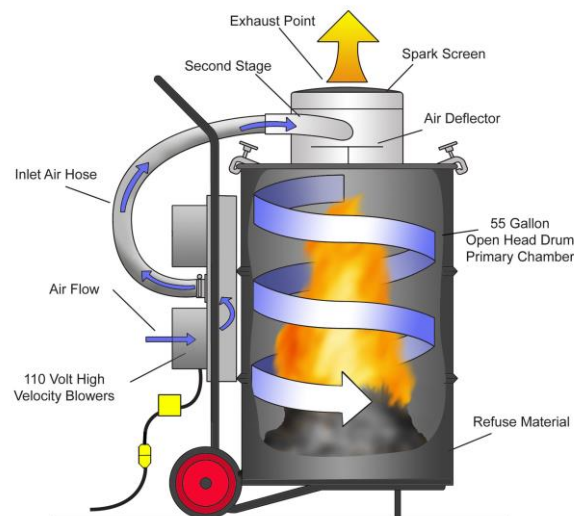
SmartAsh Technical Description



The SmartAsh is a portable, multipurpose batch load incinerator for remote locations, mining camps, job sites, oil drilling operations, truck stops, construction sites, islands, barges, campsites and military installations. Waste materials are loaded into a drum, once ignited the lid is placed on the drum and a whirlwind of fire is created by the high velocity blowers creating a clean combustion.

The SmartAsh Burns:

- Absorbent Materials (Natural & Synthetic) Paper Waste
- Used Filters Wood By-Products
- Waste Oil Oily Rags, Gloves, Clothes
- General Non-Hazardous Refuse
- Restaurant Waste
- Organic Materials Domestic Waste





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Specifications:

Construction: Stainless steel lid
Painted tubular steel frame
2-Blowers, Axial Vane 120v standard or 240v optional
Requires: 55 Gallon / 200 litre open head drum (not included)
Height: 46 inch / 1.17m
Floor Space: 36 x 26 inch / 0.91 x 0.66m with drum
Weight: 96 lbs / 44kg without drum, 139 lbs / 63kg with steel drum
Average Burn Rate: 50 lbs/hr / 22kg/hr (emission test data available upon request)
Power Consumption: .8 Kw/hr
14 amps start – 27 amps run (110v)
7 amps start – 14 amps run (220v)
Recommend a 20 amp breaker

Standard Features;

- Heavy-duty machine spun 304 stainless steel lid & assembly
- AWS (American Welding Standard) quality welding
- Elevated stand (protects floors from heat)
- Internal manual shutter valve allowing fine adjustment of airflow
- Easily removed motor covers
- Quick access to air filters
- 330 stainless steel spark screen
- Cast iron stir port cover
- 4, fast locking barrel clamps
- Stainless steel air feed hose with quick couplers
- Weather proof booted toggle switch
- Galvanized plenum and toolbox
- Wheels with brass bearings
- Automatic kill switch for no voltage or low voltage shutdown
- Rear mounted and shielded electric cord
- Shielded wheels and handle

Shipping Dimensions;

SmartAsh without Drum: 26 x 26 x 20 inch / 0.66 x 0.66 x 0.51m
SmartAsh with Drum: 30 x 37 x 53 inch / 0.76 x 0.94 x 1.35m

Optional:

Steel or Stainless Steel open top drum, Oil Away attachment (for injecting waste oil into the drum), Smart Heat (heat exchange unit), Spares



Oil Away is an option that allows the Smart Ash to burn waste oil. It is delivered with an electrically operated dosing pump, delivery hose and spray rail that fits inside the drum.

Shipping with Oil Away attachment;
27 x 27 x 21 inch/ 0.69 x 0.69 x 0.53m 112lbs / 51kg
48 x 7 x 5 inch/ 1.22 x 0.18 x 0.13m 11lbs / 5kg

Shipping with Oil Away attachment and steel drum;
30 x 37 x 53 inch/ 0.76 x 0.94 x 1.35m 139lbs / 63kg
48 x 7 x 5 inch/ 1.22 x 0.18 x 0.13m 11lbs / 5kg



The SmartHeat works in conjunction with the SmartAsh by capturing the heat being emitted by the incinerator and directing it into buildings using a blower unit.

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