

# ADVANCED COMBUSTION SYSTEMS

ENGINEERING  
MANUFACTURING  
INSTALLATION  
SERVICE

## ASH VACUUM SYSTEMS

Advanced Combustion Systems' ASH VAC Systems are manufactured with the latest innovative high temperature technology making them suitable for all incinerator residue removal. ACS systems are engineered for maximum performance and efficiency while maintaining high reliability with low maintenance.

### FEATURES:

- Exclusive filters feature a silicon dioxide Nomex laminate media, SILMEX, for increased performance in high temperature ash removal
- Single and multiple cyclonic stages
- Single and multiple point material collection
- Optional shredder for CLASSIFIED DOCUMENT DESTRUCTION, guaranteed particle size less than 5mm x 5mm
- Portable, Stationary, and Central systems available
- Modular in design for ease in installation
- All units are factory assembled and tested prior to shipment
- 5 YEAR "Total Component Warranty"

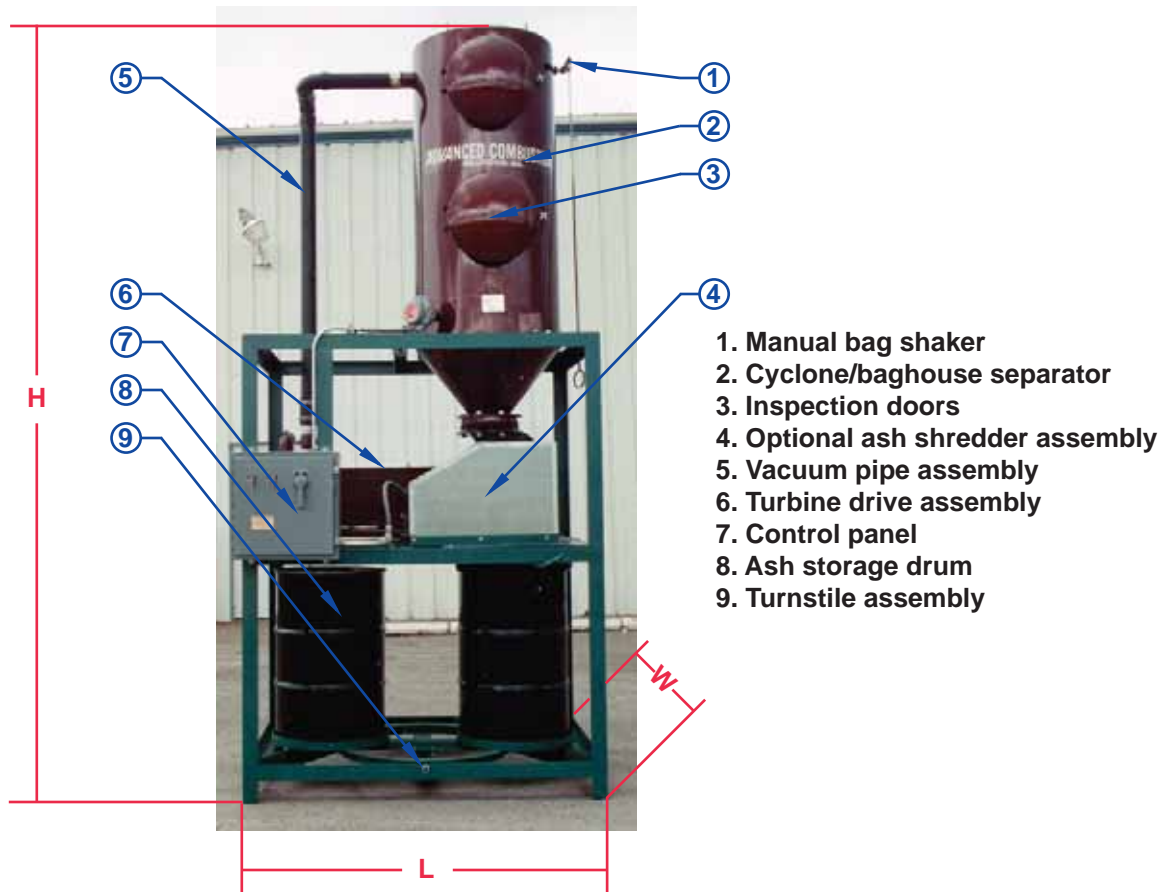


## ADVANCED COMBUSTION SYSTEMS

*A Division of ACS Inc.*

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1. Manual bag shaker
2. Cyclone/baghouse separator
3. Inspection doors
4. Optional ash shredder assembly
5. Vacuum pipe assembly
6. Turbine drive assembly
7. Control panel
8. Ash storage drum
9. Turnstile assembly

Model Number	Overall Dimensions <sup>1</sup>			Material Capacity (ft <sup>3</sup> )	Filter Area (ft <sup>2</sup> )	Air Flow & Vacuum CFM @ Hg	Turbine Power HP	Approx. Weight (lbs) <sup>3</sup>
	H	W	L					
AVS-30	11'-6"	4'-0"	5'-8"	3.0	32	85 @ 45	3.0	1,750
AVS-50	12'-6"	4'-8"	6'-4"	5.0	54	145 @ 6.0	5.0	2,250
AVS-75	13'-6"	4'-8"	6'-4"	7.5	81	205 @ 6.5	7.5	2,500
AVS-100	14'-6"	5'-4"	7'-2"	10.0	108	275 @ 7.5	10.0	3,000

1. Dimensions can be modified to meet specific applications. 2. Actual burning rate depends upon waste composition. 3. Weight will vary on options ordered.

### Services:

- Installation and start-up services
- Large parts inventory for immediate shipment
- Service and maintenance contracts for all makes
- Rebuilds and modifications to existing incinerators

Advanced Combustion's Engineering and Testing Facilities are available for system design and component selection. ACS can custom design and manufacture burning and control systems to meet any specific application.

**ACS, Inc. is your sole source manufacturer for complete incineration systems including waste handling, heat recovery, emission controls and monitoring.**



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