

# ADVANCED COMBUSTION SYSTEMS

ENGINEERING  
MANUFACTURING  
INSTALLATION  
SERVICE

## MUNICIPAL SOLID WASTE INCINERATORS

Advanced Combustion Systems' MSW Series Solid Waste Incinerators are designed and manufactured with the latest controlled-air technology providing maximum performance and efficiency while meeting the latest EPA emissions regulations in 40 CFR Part 60, Subpart Ec.

### FEATURES:

- Heavy-duty all welded construction
- High strength, durable monolithic castable refractory lining
- Fully automatic electrical controls
- Simple and reliable operation
- Full swing combustion chamber door for total access
- Modular design for easy installation
- Factory plumbed, wired, and tested prior to shipment
- Designed and manufactured in the USA
- 5 YEAR "Total Component Warranty"

### OPTIONS:

- Fully modulated air supply, temperature controlled
- Fully integrated PLC controls
- Extra retention secondary chambers
- Auxiliary load doors
- Automatic waste loading systems
- Automatic ash removal systems

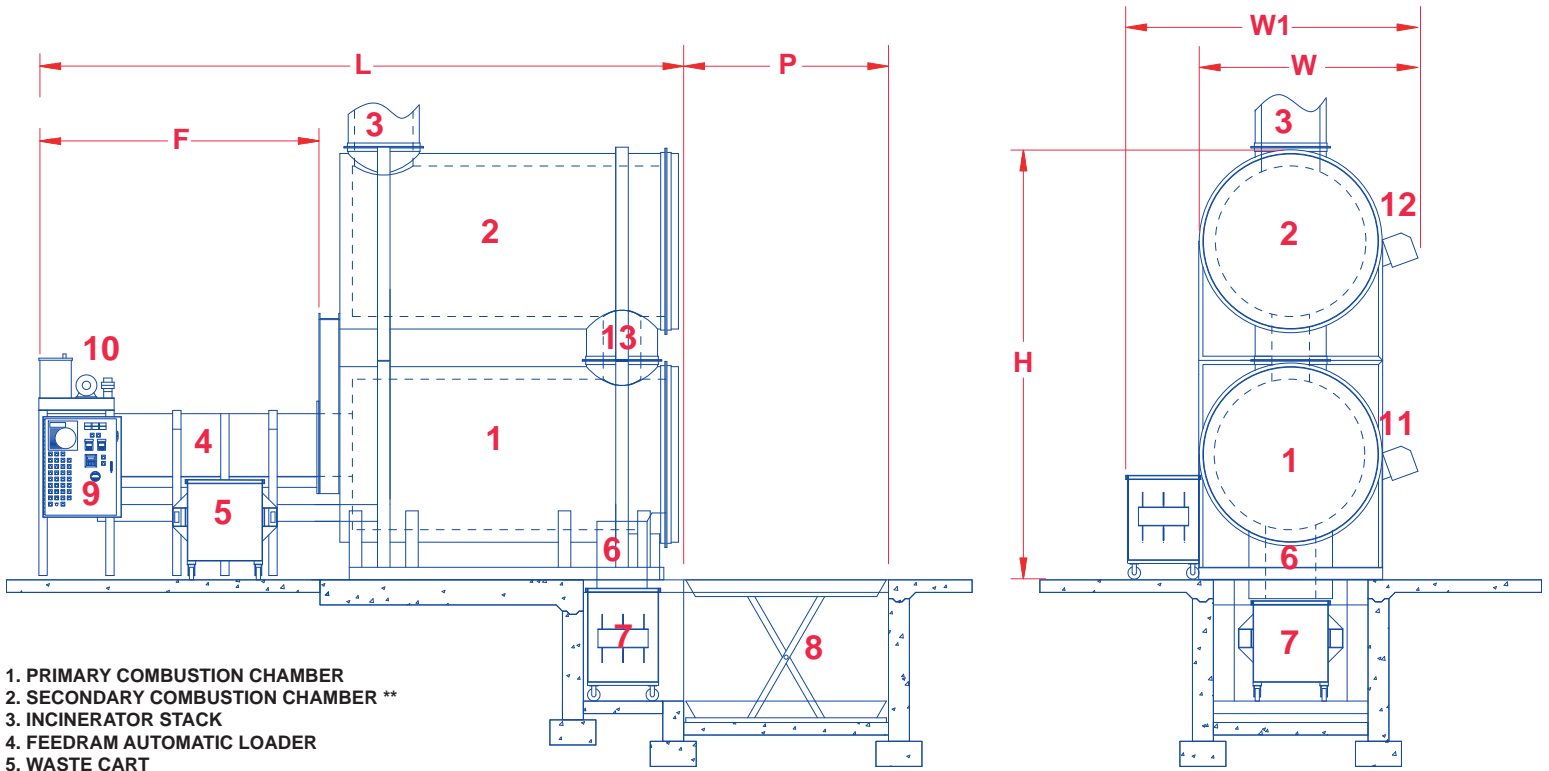


## ADVANCED COMBUSTION SYSTEMS

*A Division of ACS Inc.*

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- 1. PRIMARY COMBUSTION CHAMBER
- 2. SECONDARY COMBUSTION CHAMBER \*\*
- 3. INCINERATOR STACK
- 4. FEEDRAM AUTOMATIC LOADER
- 5. WASTE CART
- 6. ASH REMOVAL SYSTEM \*
- 7. ASH CART \*
- 8. SCISSOR LIFT
- 9. CONTROL PANEL

- 10. HYDRAULIC POWER UNIT
- 11. PRIMARY BURNER(S)
- 12. SECONDARY BURNER
- 13. PORT AIR INJECTION SYSTEM

\*\* 2 SECOND RETENTION CHAMBER SHOWN

\* OPTIONAL

MODEL NUMBER	OVERALL DIMENSIONS <sup>1</sup>					MAX. CHARGE CU. YD.	BURN RATE (MAX.) LBS./HR. <sup>2</sup>	APPROX. WEIGHT LBS. <sup>3</sup>
	H	W	L	F	P			
CA-500MSW	15'-9"	9'-6"	22'-0"	11'-2"	8'-2"	5.0	625	45,000
CA-750MSW	17'-3"	10'-0"	22'-6"	11'-2"	8'-2"	7.5	935	55,750
CA-1000MSW	17'-3"	10'-0"	24'-6"	11'-2"	8'-2"	10.0	1,250	66,000
CA-1250MSW	20'-3"	10'-9"	22'-6"	11'-2"	8'-2"	12.5	1,565	76,500
CA-1500MSW	20'-3"	10'-9"	24'-6"	11'-2"	8'-2"	15.0	1,880	84,250
CA-1750MSW	20'-3"	10'-0"	26'-6"	11'-2"	8'-2"	17.5	2,185	95,500
CA-2000MSW	22'-6"	12'-0"	25'-6"	11'-2"	8'-2"	20.0	2,500	107,500
CA-2500MSW	22'-6"	12'-0"	29'-6"	11'-2"	8'-2"	25.0	3,125	122,500
CA-3000MSW	22'-6"	14'-0"	29'-6"	11'-2"	8'-2"	30.0	3,750	150,000
CA-4000MSW	22'-6"	14'-0"	33'-6"	11'-2"	8'-2"	40.0	5,050	180,000

1. Dimensions can be modified to meet specific applications 2. Actual burning rate depends upon waste composition. 3. Weight will vary depending on the 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 Systems' Engineering and Testing Facilities are available for complete design and component selection. ACS can custom design and manufacture incineration 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.**

**ACS INCORPORATED**

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