

ADVANCED COMBUSTION SYSTEMS

ENGINEERING
MANUFACTURING
INSTALLATION
SERVICE

CONTROLLED AIR ROTARY BURNER SERIES

Advanced Combustion Systems' CARB-Series controlled air rotary pyrolysis systems are engineered and manufactured using multi-stage controlled air combustion technology for solid and liquid waste streams. ACS's unique "Port Air Injection System" provides maximum rotary chamber performance and efficiency while maintaining high reliability. ACS's rotary burners meet the most stringent air emission requirements throughout the world.



FEATURES:

- Heavy-duty, all welded construction
- High strength, durable, monolithic castable refractory lining
- Full automatic electrical controls
- Simple and reliable operation
- Variable rate rotary drive
- Direct & indirect firing configurations available
- Modular design for easy installation
- Extended retention time secondary chamber
- Factory plumbed, wired, and tested prior to shipment
- Designed and manufactured in the USA
- 5 YEAR "Total Component Warranty"

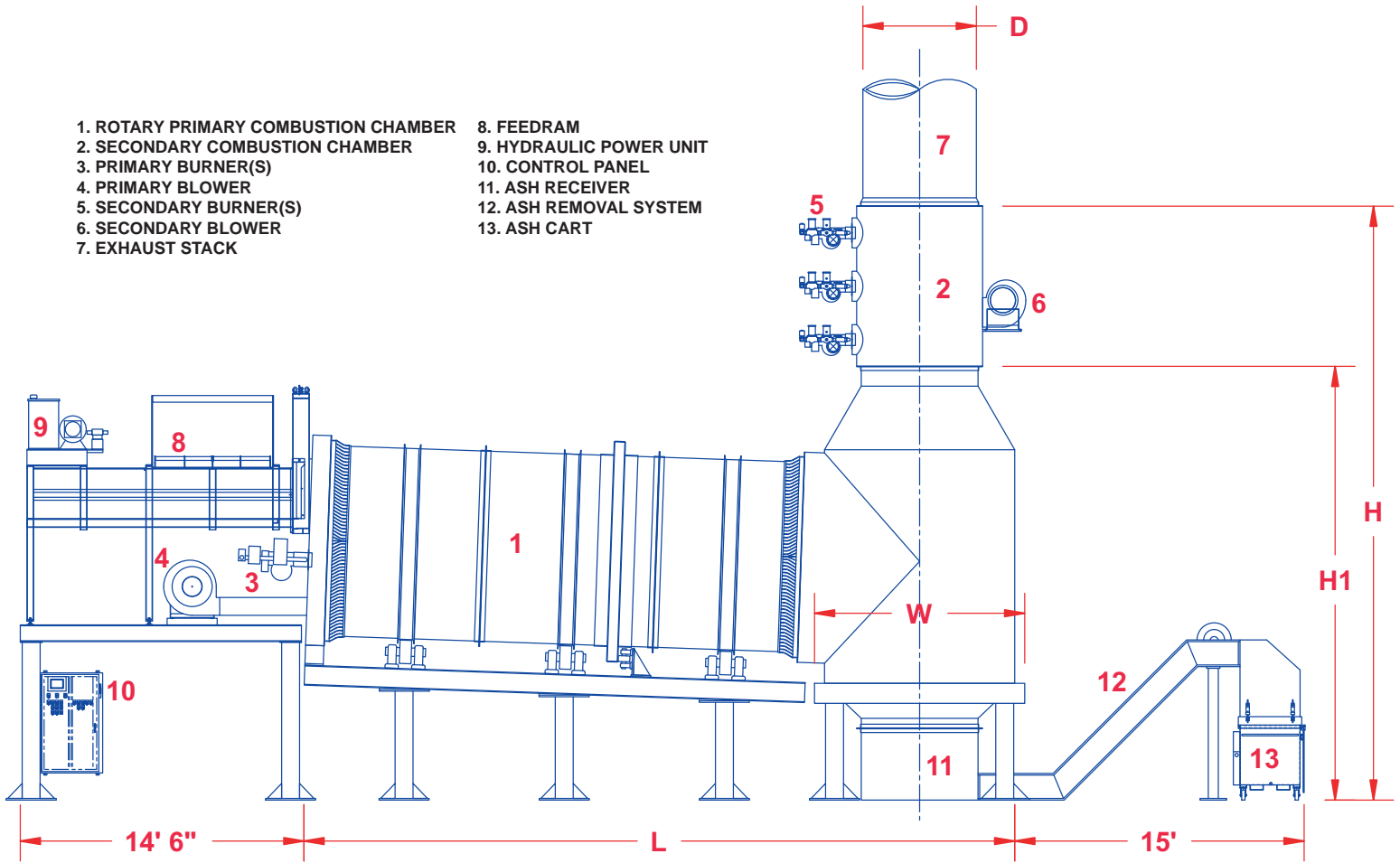
ADVANCED COMBUSTION SYSTEMS

A Division of ACS Inc.

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- 1. ROTARY PRIMARY COMBUSTION CHAMBER
- 2. SECONDARY COMBUSTION CHAMBER
- 3. PRIMARY BURNER(S)
- 4. PRIMARY BLOWER
- 5. SECONDARY BURNER(S)
- 6. SECONDARY BLOWER
- 7. EXHAUST STACK
- 8. FEEDRAM
- 9. HYDRAULIC POWER UNIT
- 10. CONTROL PANEL
- 11. ASH RECEIVER
- 12. ASH REMOVAL SYSTEM
- 13. ASH CART



MODEL NUMBER	OVERALL DIMENSIONS ¹					L	W	H	H1	D	MAX. CHARGE CU. YD.	BURN RATE (MAX.) LBS./HR. ²	APPROX. WEIGHT LBS. ³
	PRIMARY OD	PRIMARY LENGTH	ASH OD	ASH HEIGHT	SECONDARY HEIGHT								
CARB-1000	7'-0"	13'-6"	7'-0"	12'-2"	2'-10"	20'-6"	8'-0"	15'-0"	12'-2"	3'-6"	10.0	1,500	79,200
CARB-1500	8'-4"	13'-6"	8'-4"	13'-6"	4'-0"	21'-10"	9'-4"	17'-6"	13'-6"	4'-0"	15.0	2,250	101,100
CARB-2000	8'-4"	18'-0"	8'-4"	13'-6"	5'-0"	26'-4"	9'-4"	18'-6"	13'-6"	4'-10"	20.0	3,000	129,000
CARB-2500	8'-4"	22'-0"	8'-4"	13'-6"	5'-6"	30'-4"	9'-4"	19'-0"	13'-6"	5'-0"	25.0	3,750	147,000
CARB-3000	9'-6"	20'-0"	9'-6"	14'-8"	6'-0"	29'-6"	10'-6"	20'-8"	14'-8"	5'-4"	30.0	4,500	180,000
CARB-4000	9'-6"	26'-0"	9'-6"	14'-8"	8'-0"	35'-6"	10'-6"	22'-8"	14'-8"	5'-8"	40.0	6,000	216,000

1. Dimensions can be modified to meet specific applications and are subject to change 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.



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