

**ACS**

**INCORPORATED**

BELLINGHAM, WASHINGTON



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**“PROVIDING ENVIRONMENTAL SOLUTIONS FOR INDUSTRY  
SINCE 1973”**

# Advanced Combustion Systems



ACS combustion systems are designed and manufactured at our modern facility located in Bellingham, Washington, using the latest in manufacturing process equipment to provide rugged and durable systems worldwide.

Our combustion systems are engineered for maximum efficiency while meeting stringent emission requirements throughout the world.

ACS engineers and professional staff are available for complete computer-aided design and component selection.

**WITH OVER 700 SYSTEMS WORLDWIDE,  
WE BACK OUR COMMITMENT TO QUALITY  
BY OFFERING OUR CUSTOMERS A  
5 YEAR "TOTAL COMPONENT  
WARRANTY"**

## SYSTEMS

Incinerators • Thermal Oxidizers • Ovens •  
Furnaces • Heat Recovery Systems • Scrubbers •  
Co-generation • Material Handling Systems •  
Waste Reduction • Dryers • Melting Furnace •  
Crematorium

## APPLICATIONS

Municipal • Cremation • Hospital • Infectious  
• Pathological • Industrial • Hazardous/Toxic •  
Contaminated Soil • Liquids • Marine • Fume •  
Confidential • Sludge • Precious Metals •  
Emissions Control

## FEATURES

Standard or Custom Systems  
Stationary/Modular or Mobile Systems  
Horizontal/Vertical Configurations  
Mass Burn, Controlled Air, Rotary Kiln  
Fully Automatic Controls  
Batch Feed or Continuous Operation  
Waste Processing Feed/Ash Removal Systems  
Rear, Side & Top Loading Systems





**508**

Industrial Control Panels  
File Number: E120409  
Flame Control Panels  
File Number: E153060



**698**

Industrial Control Panels  
Groups A, B, C & D  
Hazardous Locations  
File Number: E200998



# Advanced Control Systems

A Division of ACS, Inc.

- UL 508 Listed Industrial Control Panels
- UL 508 Classified Flame Control Panels
- UL 698 Listed Industrial Control Panels for Hazardous Locations
- Custom Process Control Systems
- Programmable Logic Controller Specialists
- Single-Panel or OEM Production Quantity Fabrication

- Plant Automation
- Combustion Controls
- Motor Control Centers
- Telemetry Systems
- Autoclave Control Systems
- Continuous Emissions Monitoring
- Data Acquisition
- Prototypes
- Retrofits or Upgrades
- Packaged & Custom Software

## **PROCESS CONTROL SYSTEMS**



## **COMBUSTION CONTROL SYSTEMS**

# Engineering

Our engineering staff uses the latest hardware and software, including AutoCad, RSVIEW, and others to provide complete design services for electrical, mechanical, and control systems.

# Manufacturing

We also have a complete steel fabrication facility and assembly plant for customer prototype and outside work. Our shop is equipped with TIG/MIG wire machines, breaks, shears and plasma arc.

# Construction

ACS, Inc. is licensed and bonded as a general contractor. We can do any job from the ground up with full turnkey design and construction capabilities.

# Service

ACS maintains a fleet of fully equipped service trucks and vans to provide on-site service. We also maintain an inventory of service parts for quick turnaround. Our shipping department is experienced with international logistics to minimize overseas delays.



***FROM CONCEPT TO  
COMPLETION...  
...A DISTINCT DIFFERENCE IN  
PERFORMANCE***



**Advanced Combustion Systems** division, manufactures auxiliary equipment required for a complete **sole source** project, such as waste handling systems, auto ash removal, heat recovery boilers, scrubbers, and other emission control equipment.

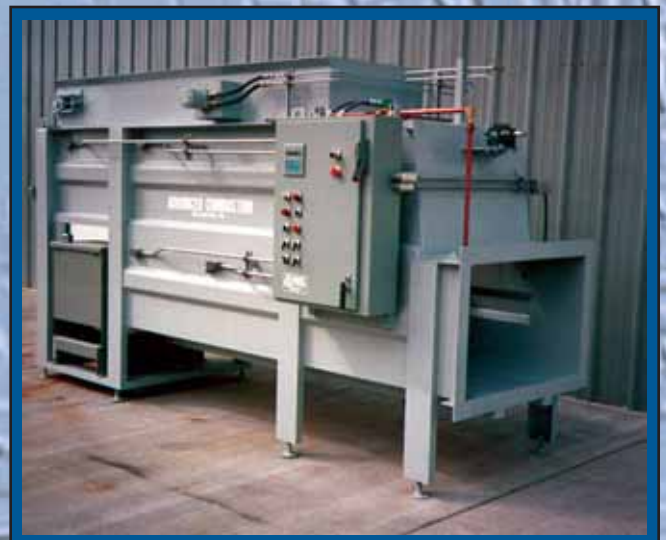
#### Other Services Available from **Advanced Combustion Systems:**

- Planning, Consulting and Feasibility Studies
- Site Evaluation
- Permitting
- Emission Testing
- Independent Testing and Analysis
- Certified Operator Training
- Retrofits, Modifications and Equipment Upgrades
- Repairs and Maintenance Service Contracts
- Replacement Parts
- Field Service — Factory Direct
- Quality Assurance and Control Program

Our U<sub>L</sub><sup>®</sup> certified **Advanced Control Systems** division, offers a wide range of experience and capabilities in electrical controls and plant automation. ACS also specializes in custom programming of PLC's and PC-based plant automation controls and interfaces. Our engineering staff is familiar with all automation applications and can customize one to best fit the job.

#### Other Services of **Advanced Control Systems:**

- Custom Enclosure Fabrication
- Complete Systems Integration
- Process Control Loops
- Software Training
- Control Repair or Upgrades
- Maintenance Contracts
- Prototypes
- Air Emissions Analysis





Our 2,500 square foot corporate office, 10,000 square foot manufacturing plant and electrical control facility are located in Bellingham, Washington.  
Our office is open from 8:00 AM to 5:00 PM PST Monday through Friday.

**Advanced Combustion Systems** and **Advanced Control Systems**, divisions of **ACS, Inc.** were founded in 1973. For over 27 years, **ACS** has designed and manufactured a variety of combustion and control systems for commercial industry and government.

The office staff, engineering and customer service departments at **ACS** extend to you an invitation to contact us for all of your combustion and electrical requirements.  
We look forward to hearing from you soon.

**Visit our website at [www.acs-ac.com](http://www.acs-ac.com)**

Access our electronic data information sheets and information request forms. You can also view our current parts inventory and refurbished equipment site.

**ENGINEERING • MANUFACTURING • INSTALLATION • SERVICE**



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