

**Honeywell** | Engineered Systems



Complete combustion solutions that enable you to

**MAXIMIZE YOUR BUSINESS  
OPPORTUNITIES**





If you're like most combustion solution providers, your primary objective is growing your business. This includes managing productivity and maintaining profitability through up and down market cycles, recruiting and retaining experienced employees, and staying compliant with changing codes and standards.

What if you had a partner who could help you extend your capacity and expand your capabilities? An expert resource who could help you maximize your production volume and your market share – without adding employees or equipment?

## INTRODUCING HONEYWELL ENGINEERED SYSTEMS

Honeywell Engineered Systems functions like an extension of your team, providing turn-key combustion solutions for new or existing applications in a wide range of industrial and commercial markets. We will manage every combustion project from start to finish, so you and your team can stay focused on delivering your company's core value proposition.

**Maximize your opportunities while minimizing risk – with Honeywell Engineered Systems.**

## A PARTNERSHIP WITH BIG ADVANTAGES

When you partner with Honeywell Engineered Systems, you can serve more customers in more markets with complete confidence. Here are just a few of the benefits:



**You can focus on your core business:** outsourcing the combustion portion of your project to Honeywell Engineered Systems enables you to dedicate your engineering hours to what you do best.



**Faster, cost-effective scale-up:** you can increase production without adding additional full-time employees.



**End-to-end project management:** we will handle everything from specification and sizing to commissioning and start-up, and even provide post-install support if needed.



**Global codes and standards expertise:** Honeywell participates in several national code committees, so you can rest assured that every system meets all applicable safety codes and standards.



**One supplier and one PO:** it's just one relationship to manage versus keeping track of multiple vendors, multiple SKUs and multiple POs.



**Industry-best brands and products:** you can count on the Honeywell Industrial & Commercial Thermal family of products to deliver enhanced reliability and performance.

## SIMPLE, STEP-BY-STEP PROCESS

### QUOTE

A Honeywell sales representative will work with you to discuss your needs, then we will create a quote with detailed project costs and delivery estimates.

### CONCEPT

Our experienced engineering team will provide a complete solution for your specific application.

### APPROVE & FINALIZE

You will review, approve and formally sign off on the proposal. Following approval, we will finalize the bill of materials and process the order in our system.

### SCHEDULE

After the final design is approved, we will align the production schedule to your delivery requirements.

### BUILD & TEST

Our experienced staff will build your system to exact specifications, ensuring compliance with codes and standards. Before shipment, each system is function-tested which ensures smooth, concise commissioning.

### DELIVER

After the system is function-tested, we will ship the system and all necessary documentation directly to your facility or job site.

### START-UP & COMMISSIONING

Our experienced team is trained in performing initial start-up and commissioning of new combustion equipment should you need it.



## COMPLETE COMBUSTION SOLUTIONS AND SO MUCH MORE

Honeywell Engineered Systems provides more than just turn-key combustion systems; we deliver hands-on support at every phase of the process, from start to finish and beyond. Whether you need one highly custom solution or several of the same system, the experts at Honeywell Engineered Systems are here to help you maximize your business opportunities.

### APPLICATION ENGINEERING

- **Consultative sales team:** our dedicated sales professionals can help you find a solution that meets your project, budget and delivery criteria. In addition, we can source any product to meet your specifications.
- **Unmatched engineering expertise:** our engineers have decades of experience in the commercial and industrial combustion space, and will work with you to design a system that's built to the highest specifications and specific to your application needs.
- **State-of-the-art technical center:** you and your team can see a variety of installed solutions and live-fire demos in-person at our facilities in Muncie, IN and Rockford, IL.

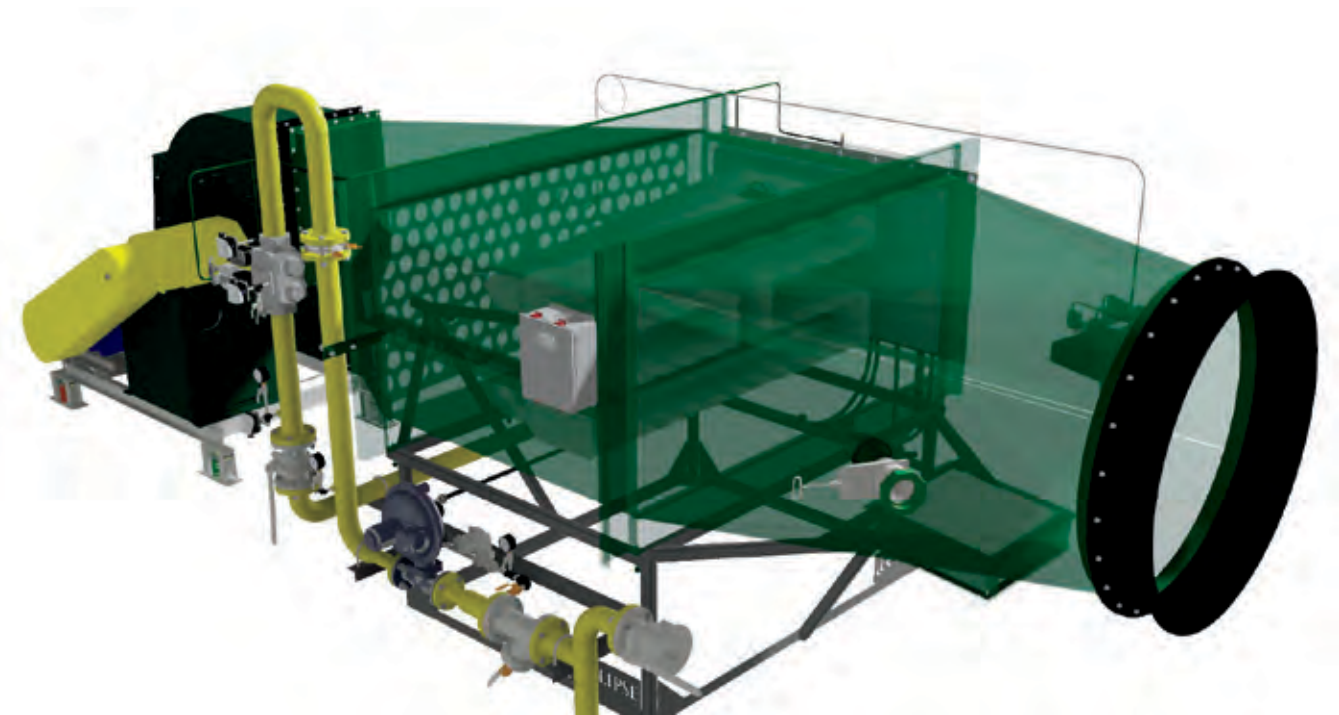
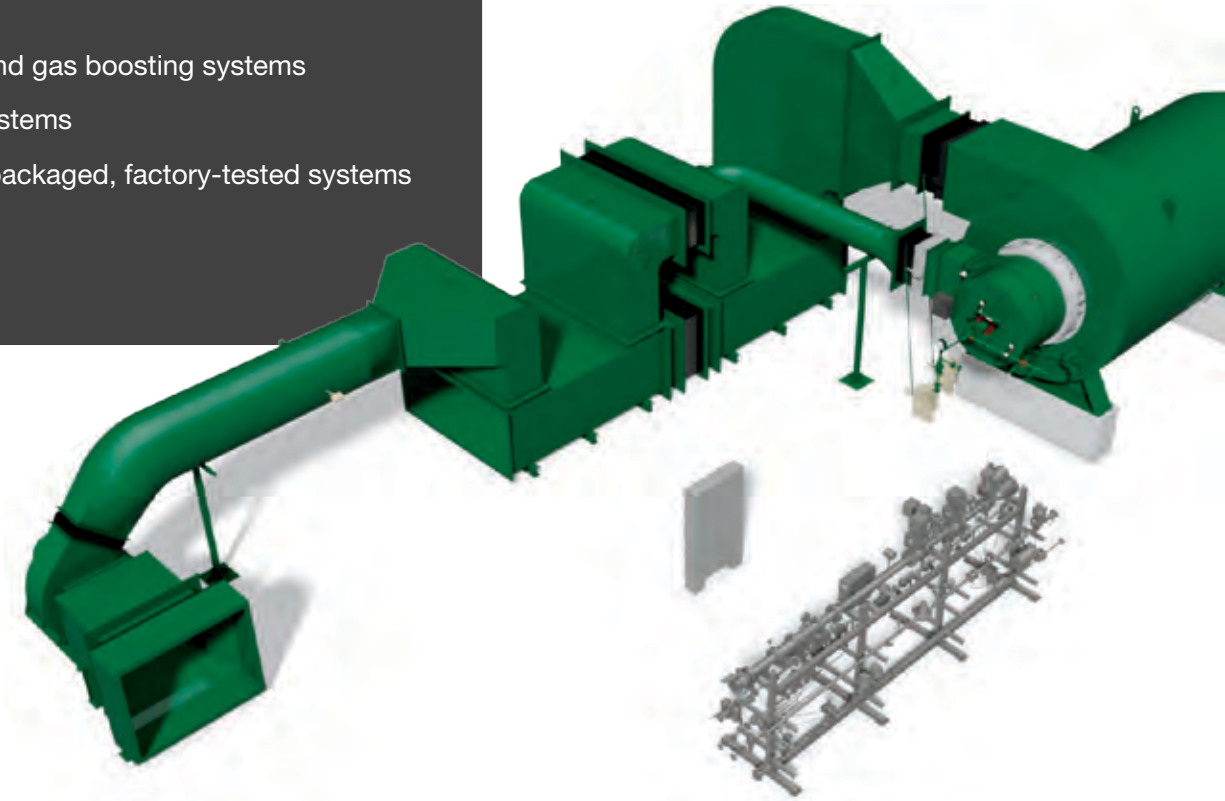
### SERVICE AND SUPPORT

- **Start-up and commissioning:** if needed, we will send a technician to your facility or the job site to provide system start-up and commissioning services.
- **End user training:** we can facilitate training sessions for your customers and their service teams to ensure safe operation and maintenance.
- **Post-install support:** our technical staff are also available to help troubleshoot any issues that arise after install and day-to-day operation.
- **Combustion safety services:** our safety professionals have experience and expertise with all types of fuel-fired systems across numerous industries and provide expert consulting, customized training, engineering and field services, testing, inspections, safety audits and gas hazard management.



## COMBUSTION SOLUTIONS FROM SIMPLE TO COMPLEX

- Burners
- Valves and controls
- Combustion panels
- Heat exchangers
- Recuperators
- Gas boosters and gas boosting systems
- Flame safety systems
- Pre-wired and packaged, factory-tested systems
- And more...





## PRIMARY MARKETS

Oil & gas / petrochemical  
Automotive  
Food processing  
Steel / heat treat  
Material processing  
Chemical & pharmaceutical  
Pulp & paper  
Mining  
Agriculture  
Glass  
Power generation  
Textiles  
Construction materials  
Oxidation and abatement  
Environmental protection

## GENERAL APPLICATIONS

Heat recovery steam generators  
Steam boilers  
Thermal oxidizers  
Make-up air  
Ovens  
Dryers  
Furnaces  
Heaters  
Spray dryers  
Hermetic gas boosters  
Thermal fluid heaters  
Fired heaters  
Heat recovery systems  
Radiant tubes



## GLOBAL CODES AND STANDARDS EXPERTISE

Commercial and industrial codes and safety standards are not only different by country, state or locally; they are constantly evolving. This makes serving a global customer base challenging and potentially costly.

Honeywell Engineered Systems has proven application experience in nearly every country around the world, making us the perfect partner for companies who want to increase their footprint and enter new markets, but can't afford to hire additional teams and pursue the necessary certifications. From local jurisdictions to international standards, trust Honeywell Engineered Systems to deliver systems that adhere to the most stringent safety standards.

### KEY CAPABILITIES

- Standard BMS panel line
- System design and system integration
- Programmable logic, PLC and HMI
- Custom paint capabilities
- CFD, 3-D models and elevation corrections
- Non-standard fuels, low and ultra-low emissions, heat recovery systems and energy efficiency
- X-ray and PMI
- UL 508A panel shop
- Welding and material certifications to ASME Sec IX

### APPROVALS AND COMPLIANCE

- ASME B31.1, B31.3
- IEC 61508, 61511 capable (SIL)
- NACE MR0175
- ATEX and IECEx
- EN 746
- ABNT
- KSG
- IRI and FM compliant
- UL listings
- Hazardous locations Class I, II and III; Div 1 and Div 2
- Installation codes NFPA 85, 86 and 87; API; CSA B149.3; ASME CSD-1

## A WORLD-CLASS NETWORK OF WORLDWIDE SUPPORT

No matter where your facilities are or where your customers operate, you're not far from a Honeywell office or engineering team. Our global footprint helps ensure we can deliver timely service and expert support where and when you need it. With nearly 100 years of engineering and application experience, and application engineers in more than 100 locations worldwide, it's easy to see why Honeywell solutions are installed in countries all over the globe.

### GET STARTED TODAY

Let's talk about how we can help you maximize your next combustion opportunity utilizing the latest technology from Honeywell Industrial & Commercial Thermal. **Contact your local sales representative.**

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