

Equipment Rentals

Get Back Online Fast

Everything You Need When You Need It Most

When the unexpected arises, you want immediate solutions—fast. John Zink Hamworthy Combustion offers the engineering and technical support, expert installation, and a wide variety of combustion rental equipment to get your operation back online.

Our portable combustion systems are ideal for temporary vapor control at loading terminals, tank degassing and pipeline blowdown applications. We also maintain a large inventory of flare equipment and larger units to meet higher capacities, such as temporary elevated flares, enclosed flares, and a range of other refinery and petrochemical equipment.

The Only Call You Need To Make

John Zink Hamworthy Combustion operates one of the world's largest combustion rental fleets to keep your company up and running. Our expert engineers are available every day to quickly determine the most appropriate solution to your application and to install the equipment with minimal downtime. We provide a variety of flexible renting options to meet your specific needs, including:

- + Daily rental (7-day minimum)
- + Monthly rental (12-month minimum)
- + Rent to own
- + Custom options (call to discuss)

With such a large inventory of equipment and components on hand, we typically have a solution in stock to meet your needs. If the equipment you request isn't available, we will call you to discuss options.



Need something special? Our rental team may be able to custom design and build a piece of rental equipment for you.



Elevated And Tripod Flares

Our portable, guyed flare systems are up to 190 feet tall. These guy-wired supported flares are self-contained and delivered with all the required cables and hardware.

Large Guyed Flare System

- + Used for high flaring applications
- + 14,000 MMBtu/hr typical capacity
- + Modular construction for various heights
- + Guy wire supported

Medium Air Flare System

- + Used for moderate flaring applications
- + 700 MMBtu/hr typical capacity
- + 7,200 gpm gasoline loading
- + 50' OAH
- + Guy wire supported



MEDIUM AIR FLARE SYSTEM

Smaller than our guyed systems, our elevated, tripod-supported flares are easily transported and quick to set up with a variety of tips to accommodate almost any service.

Air Flare Trailer

- + Used for vapor control and flaring
- + 60 MMBtu/hr typical capacity
- + 1,200 gpm gasoline loading
- + Trailer mounted
- + 13' - 1" OAH

Tripod Flare

- + Small flaring applications
- + 60 MMBtu/hr typical capacity
- + 15' OAH
- + Skid mounted

Flare Trailer System

- + Used for general flaring in all industries
- + 550 MMBtu/hr typical capacity
- + Trailer mounted
- + 43' OAH
- + 8" Diameter riser

Skid Mounted Air Assist Flare System

- + Used for general flaring in all industries
- + 180 MMBtu/hr typical capacity
- + 4,800 gpm gasoline loading
- + 25' OAH



FLARE TRAILER SYSTEM



SKID MOUNTED AIR ASSIST FLARE SYSTEM

PECS® Portable Emissions Control Systems

Our PECS system, a self-contained trailer-mounted vapor combustor, is a cost-effective solution to regulated operational issues such as VOC emission control. The PECS combustor, which meets and often exceeds most emission control requirements, is designed for either horizontal or vertical operation and does not require heavy equipment for system setup.

Vertical PECS Unit

- + Used for vapor control, flaring and thermal oxidation
- + 36 to 65 MMBtu/hr capacities
- + 3,200 to 7,200 gpm gasoline loading
- + 45' OAH
- + State-of-the-art controls, safety equipment and valves included

Horizontal PECS Unit

- + Used for vapor control, flaring and thermal oxidation
- + 40 MMBtu/hr capacities
- + 4,800 gpm gasoline loading
- + 13' - 1" OAH

Degassing PECS Unit

- + 10 MMBtu/hr combustion chamber
- + 2,500 CFM vapor blower
- + Low fuel usage

PECS Accessories

Utilities Trailer System

- + 150 kW diesel generator for 480V power
- + Propane tank
- + Trailer mounted



VERTICAL PECS UNIT



HORIZONTAL PECS UNIT



DEGASSING PECS UNIT

Portable VRU Equipment

Our portable VRU equipment can be used on your existing VRU to allow the system to achieve better emissions performance, especially during periods of seasonal gasoline RVP changes.

Portable Chiller Skid

- + For use in gasoline loading
- + Improves VRU emissions performance during periods of gasoline high true vapor pressure

Carbon Solutions

- + BWC Boost: a JZHC-exclusive process that can raise the Butane Working Capacity (BWC) of your carbon
- + Full carbon removal and replacement

Components And Parts

We not only maintain one of the largest rental fleets of equipment, we also offer a wide variety of miscellaneous parts and accessories for rent. Our inventory includes purge-reduction devices, pilots, knockout drums and adapters to match various inlet sizes.

XP-24 High-Performance Flare Tip

- + Most efficient steam flare available
- + 140,000 #/hr propane smokeless capacity with 22,000 #/hr of steam
- + Three (3) pilots

Knock Out Drum

- + 6' OD x 11'-10" T/T
- + 24" inlet and outlet
- + Optional liquid seal internals
- + Rated 150 psig at 450 °F
- + Skid mounted



XP-24 FLARE TIP

Landfill Flares

Our rental landfill flares efficiently destroy organic compounds generated by solid waste and other biogas processes. We have open, enclosed and trailer-mounted systems available.

We rent enclosed flares in various sizes to help meet smokeless flaring needs. The enclosed flares are easy to transport and set up. The flame is completely contained inside the unit, making it “community friendly” with no visible emissions.



LANDFILL FLARE SYSTEM

Open Landfill Flare Systems

- + 650+ SCFM capacities
- + Includes gas blower, panel, recorder, flowmeter, valves and all required equipment



ENCLOSED LANDFILL SYSTEM

Enclosed Landfill Flare System

- + Flows up to 1,300 SCFM with redundant blowers
- + HDPE KO drum

How To Start The Rental Process

Renting from us is easy. To get started, simply complete and submit the Rental Questionnaire at johnzinkhamworthy.com/rental.

Once we receive your questionnaire:

- + We will send a Proposal and Lease Agreement to you
- + You complete and return the Lease Agreement
- + We'll schedule rental equipment for delivery to your site
- + Once done with the equipment, you call us for equipment pick up
- + We'll pick up equipment and send a final invoice

Questions?

Contact rental@johnzink.com or **1.800.755.4252** today.



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To locate an office in your region,
visit johnzinkhamworthy.com/contacts/office-locator