

OFFERING INGENUITY AND MODERNIZATION IN FLARING APPLICATIONS

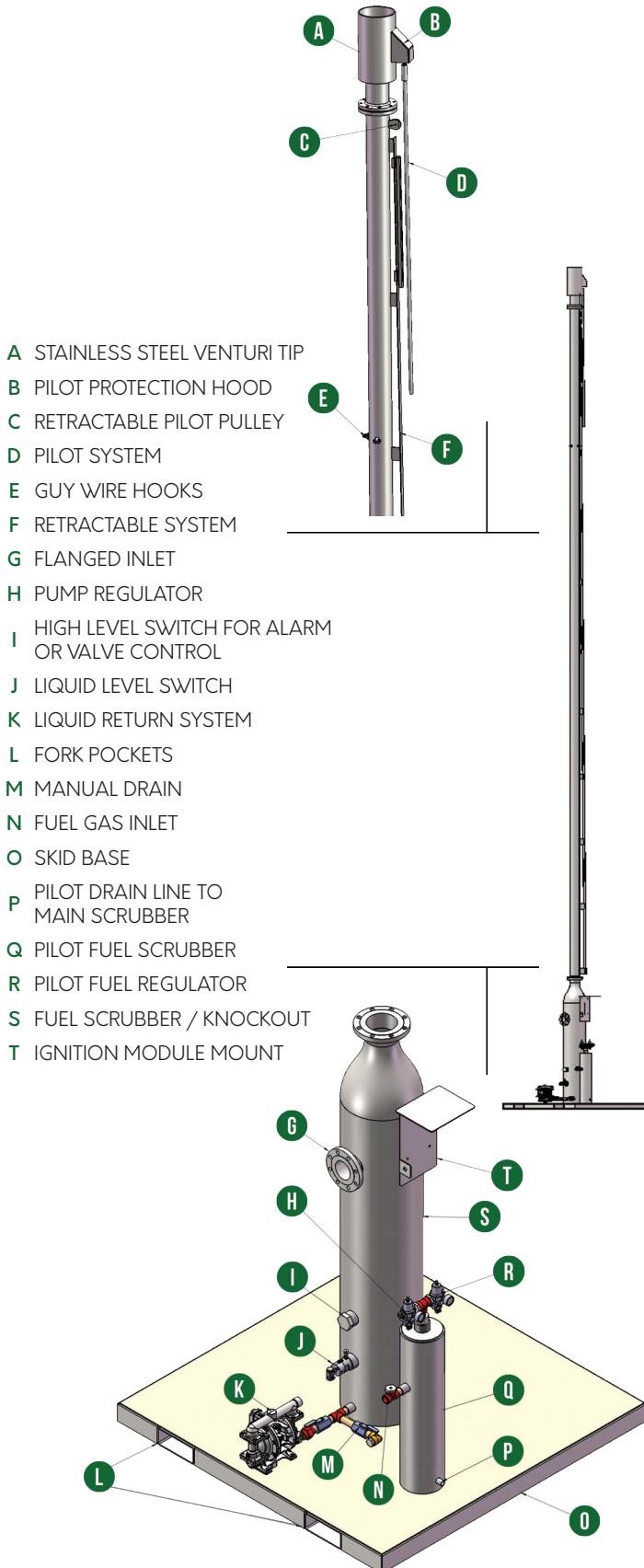


CUSTOMIZABLE FLARING SOLUTIONS

RELIABLE EQUIPMENT: DESIGNED, BUILT, AND SERVICED WITH INTEGRITY, TO CONTRIBUTE TO THE SUCCESS OF SMOKELESS COMBUSTION OPERATIONS.

P.O. BOX 1480, ALEDO, TX 76008 • 817.525.2299
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CUSTOMIZABLE FLARING SOLUTIONS



STANDARD FEATURES

- Stainless Steel Venturi Tip featuring a pilot protection hood, air draft fueling, and flanged connection for ease of maintenance and replacement
- Skid based system with fork pockets for ease of delivery and moving of equipment resulting in potential savings in the thousands
- Retractable pilot with crank system providing easy access for routine maintenance
- Guy wires and hooks ensuring stability of equipment
- Integral scrubber / knockout to ensure any heavy liquids remaining in line are caught, resulting in a clean smokeless burn
- Platinum Burner Management System and Pilot with constant, automatic ignition with free standing control panel
- Solar and pneumatic operations resulting in the elimination of additional electrical components

BENEFITS

- Smokeless operations in all scenarios from low-pressure and low-volume needs to high-pressure and high-volume flow rates, as well as smokeless operations in dual pressure configurations
- Highly engineered and refined, yet simple design resulting in equipment that performs to your standards without over-complicating and overpricing
- Delivery, placement, and stand-up with our proprietary design and trailer system that eliminates the need for roustabout crews
- Modular equipment that contributes to the ease of retrofitting and the replacement of key components
- Field proven 98%+ destruction efficiency of VOC combustion
- Standard designs configurable to your design specifications and particular scope of work
- Designed to meet and exceed Quad-O EPA 40 CFR 60.18 requirements

OPTIONAL EQUIPMENT

- Flame Arrestors
- Wilden Liquid Return System with Kimray Liquid Level Switches
- Pilot fuel scrubber
- Dual Pressure operations for high pressure and low pressure operations using a single flare tip
- Monthly preventative maintenance plans
- Gas-Assist or Air-Assist installs to ensure proper fuel mixture to result in clean burn

APPLICATIONS

- Oil and Gas Production Operations
- Crude Oil Tank Batteries
- Midstream Facilities
- Gas Collecting and Processing Facilities
- Anywhere smokeless flaring is desired or required

FLARE SPECIFICATION SHEET

	30' ECONOMY SINGLE PRESSURE	30' BUILT OUT SINGLE PRESSURE	30' BUILT OUT DUAL PRESSURE	30' BUILT OUT DUAL PRESSURE - GAS-ASSIST	30' BUILT OUT DUAL PRESSURE - AIR-ASSIST	50' ECONOMY SINGLE PRESSURE	50' BUILT OUT SINGLE PRESSURE	50' BUILT OUT DUAL PRESSURE	50' BUILT OUT DUAL PRESSURE - GAS-ASSIST	65' ECONOMY SINGLE PRESSURE	65' BUILT OUT SINGLE PRESSURE	65' BUILT OUT DUAL PRESSURE	65' BUILT OUT DUAL PRESSURE - GAS-ASSIST	65' BUILT OUT DUAL PRESSURE - AIR-ASSIST		
LOW PRESSURE MAX FLOW (MSCF/D)	-	-	805	805	805	-	-	1,774	1,774	1,774	-	-	3,056	3,056	3,056	
HIGH PRESSURE MAX FLOW (MSCF/D)	3,056	3,056	3,056	3,056	3,056	6,934	6,934	6,934	6,934	6,934	12,008	12,008	12,008	12,008	12,008	
LOW PRESSURE STACK SIZE	-	-	2"	2"	2"	-	-	3"	3"	3"	-	-	4"	4"	4"	
HIGH PRESSURE STACK SIZE	4"	4"	4"	4"	4"	6"	6"	6"	6"	6"	8"	8"	8"	8"	8"	
AIR-ASSIST BLOWER STACK SIZE	-	-	-	-	6"	-	-	-	-	6"	-	-	-	-	6"	
AIR-ASSIST BLOWER SIZE (APPROPRIATELY SIZED)	-	-	-	-	X	-	-	-	-	X	-	-	-	-	X	
GAS-ASSIST RING AND ASSIST GAS LINE INSTALL	-	-	-	X	-	-	-	-	X	-	-	-	-	X	-	
FLANGED STAINLESS STEEL VENTURI TIP	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
PILOT FUEL SCRUBBER SIZE	-	8"	8"	8"	8"	-	8"	8"	8"	8"	-	8"	8"	8"	8"	
RETRACTABLE PILOT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
SCRUBBER SIZE (SINGLE OR DUAL, APPROPRIATELY SIZED)	16"	16"	16" (SPLIT)	16" (SPLIT)	16" (SPLIT)	16"	16"	16" (SPLIT)	16" (SPLIT)	16" (SPLIT)	16"	16" (SPLIT)	16" (SPLIT)	16" (SPLIT)		
PNEUMATIC AND SOLAR OPERATIONS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MANUAL DRAIN SYSTEM	X	-	-	-	-	X	-	-	-	-	X	-	-	-	-	
LIQUID RETURN SYSTEM	-	X	X	X	X	-	X	X	X	X	-	X	X	X	X	
ECO BURNER MANAGEMENT SYSTEM AND PILOT ASSEMBLY	X	-	-	-	-	X	-	-	-	-	X	-	-	-	-	
PLATINUM CONTROL 600 BURNER MANAGEMENT SYSTEM AND PILOT ASSEMBLY	-	X	X	X	X	-	X	X	X	X	-	X	X	X	X	
SKID BASE WITH FORK POCKETS SIZE (APPROPRIATELY SIZED)	4' X 6'	4' X 6'	4' X 6'	4' X 6'	6' X 6'	6' X 6'	6' X 6'	6' X 6'	6' X 6'	8' X 8'	6' X 6'	6' X 6'	6' X 6'	8' X 8'		
CUSTOMIZABLE STACK SIZE									1"	2"	3"	4"	6"	8"	10"	12"
MAX FLOW RATE (MSCF/D)									207	805	1,774	3,056	6,934	12,008	18,927	27,146

* FLARES CAN BE CUSTOMIZED BASED ON SPECIFIC DESIGN PARAMETERS PROVIDED BY CUSTOMER

PROPRIETARY DELIVERY SYSTEM



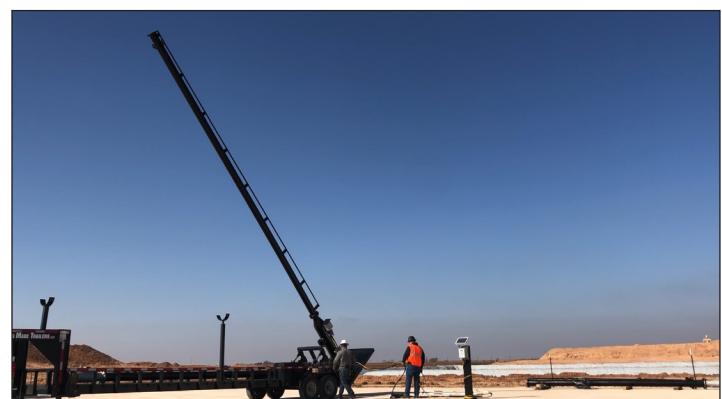
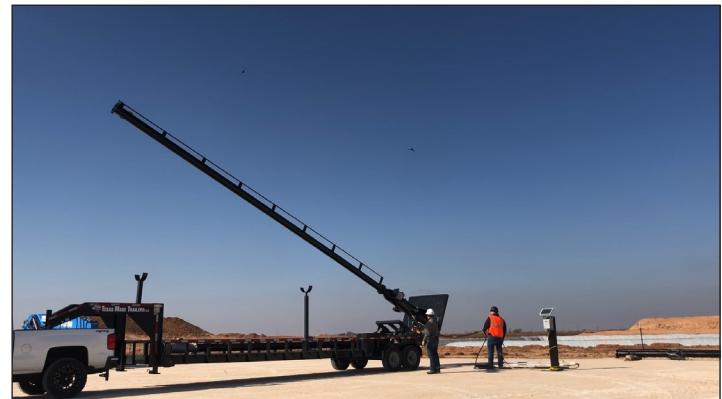
DELIVERY SYSTEM

Kalos's integrated skid design allows the full delivery and stand-up process to be completed by one man with equipment up to 50' tall. We utilize a proprietary trailer and base design that includes the addition to fork pockets, allowing us to deliver our smallest and largest flares in one trip. We utilize a hydraulic system that allows for a lay-flat delivery to be placed and erected within minutes.

This feature eliminates the need for roustabout crews, cranes, or heavy machinery typically necessary for the process of completion, resulting in savings of over \$3,000. All equipment is turnkey and delivered ready to go.

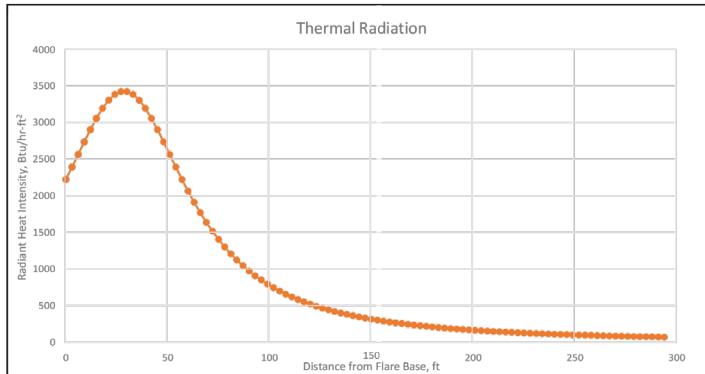
The exception to this comes into play with our 65' and taller options, where a crane will be necessary to install the stack extension, all while being delivered in one trip.

Typical delivery of your flare can be as quick as 15 days after receipt of purchase order, if not faster. We will always work to ensure your timeline is met or exceeded. We deliver to all major plays across the country.

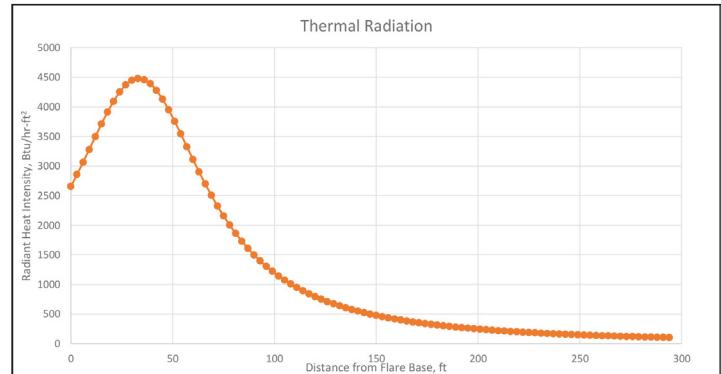


THERMAL RADIATION CHARTS

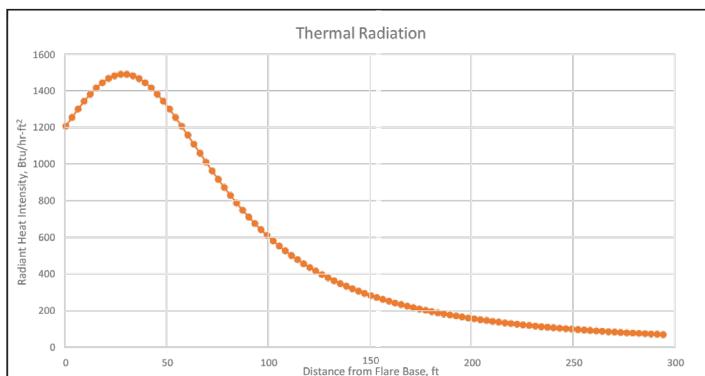
30' Flare - 5.5 MMSCF/D - 1278 BTU/hr-ft²



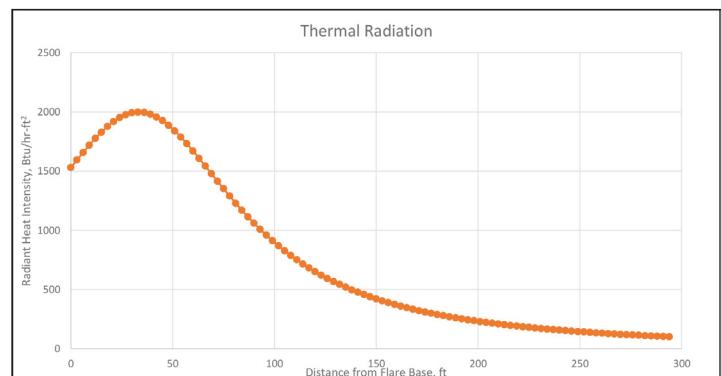
30' Flare - 5.5 MMSCF/D - 1800 BTU/hr-ft²



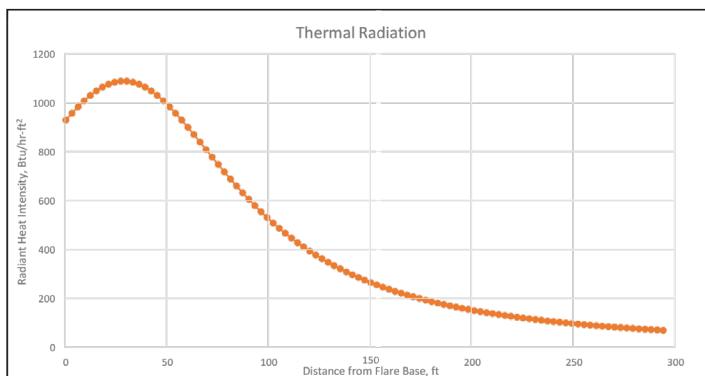
50' Flare - 5.5 MMSCF/D - 1278 BTU/hr-ft²



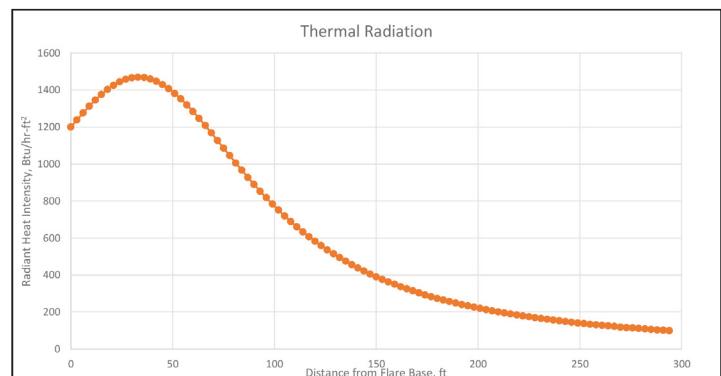
50' Flare - 5.5 MMSCF/D - 1800 BTU/hr-ft²



65' Flare - 5.5 MMSCF/D - 1278 BTU/hr-ft²



65' Flare - 5.5 MMSCF/D - 1800 BTU/hr-ft²





Kalos Oilfield Services, LLC provides a turnkey solution for all elevated flare applications. By combining Quad-O compliant flares, reliable controls, data management systems, and a full staff of knowledgeable personnel, Kalos OFS makes emission compliance easy. All flares are designed to reduce emissions by 98%+ and contain simple, reliable, easy to use controls. Customizable service and support is available 24 hours a day in addition to monthly preventative maintenance plans. Air and gas assist options resulting in smokeless burn are available with single and dual pressure models designed to handle low/slow volumes up to high pressure/high volume.

WE HAVE ALL YOUR NEEDS COVERED.

Our full line of flares range from a smaller, 30' flare capable of handling small volume tank vapors up to our largest, 65' flare capable of handling upwards and over 21.5 MMSCF/D. Our modular system allows our flares to adapt over time to meet the diminishing demands of the production curve. Furthermore, our integrated skid system allows operators to relocate large flares to new production units with ease. We are proud to present the highest quality solutions for your flaring needs. We have reinvented the modern stick flare and in doing so feel confident that we not only meet and exceed the demand at any site but also all the requirements set forth by the government.

WHAT CAN WE BUILD FOR YOU?