



COMMERCIAL AND INDUSTRIAL SOLUTIONS FOR BOILER AND HOT AIR PRODUCTS

Scalable heating solutions for an industry driven business

COMMERCIAL

INDUSTRIAL

AGRICULTURE

CRGBOILERS.COM

WORLD CLASS HEATING PRODUCTS & CUSTOM FABRICATION

BOILER SYSTEM PRODUCTS

BOILER PACKAGING AVAILABLE UPON REQUEST
SEVERAL CONFIGURATIONS TO MEET ANY BUSINESS DEMAND & APPLICATION

SCOTCH MARINE BOILER SYSTEMS

2, 3 & 4-PASS FIRETUBE BOILER DESIGN
WETBACK & DRYBACK
CONFIGURATIONS



PRESSURE & SIZES

Steam Pressures 15 - 500 psi
15 - 800 BHP Dryback
30 - 2,000 BHP Wetback

Hot Water Pressures 30 - 160 psi*
Hot Water I and Section IV
Available with Low Nox

*Contact factory for additional pressures

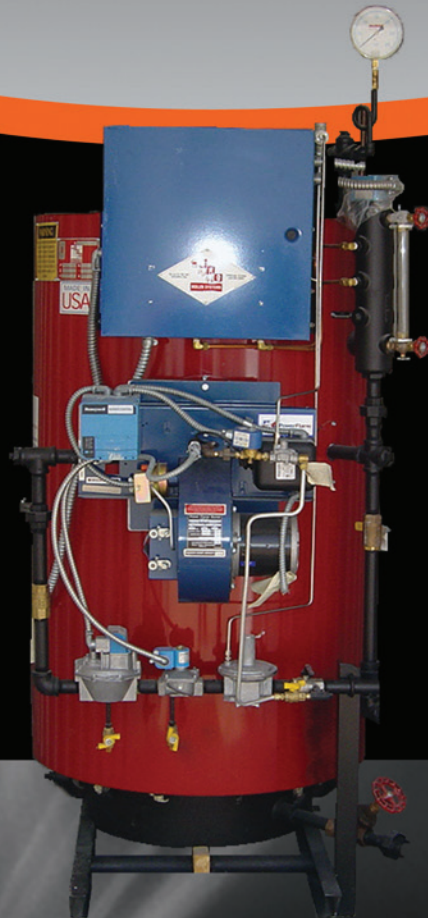
VERTICAL BOILERS

PACKAGED VERTICAL FIRETUBE DESIGN
TUBED TYPE & TUBELESS MODELS AVAILABLE

PRESSURES & SIZES

Steam Pressures 15 - 350 psi
6 - 125 BHP

Hot Water Pressures 30 - 160 psi
3 - 100 BHP



WORLD CLASS SUPPORT

OUR SERVICES STRETCH BEYOND THE SALE
WE HELP OUR ESTEEMED CLIENTS WITH INSTALLATION, TECHNICAL SUPPORT & MAINTENANCE SERVICES YEARS INTO THE PRODUCT'S LIFE

WATER TUBE BOILER SYSTEMS

"A", "O" & "D" TYPE CONFIGURATIONS AVAILABLE



PRESSURES & SIZES

Steam Boilers 6,900 - 300,000 PSPH
Design Pressures 250 psi - 1,200 psi
Steam Temperatures up to 1,050° F (565° C)
"A", "O" & "D" Type Water Tube Boilers available

SOLID FUEL SOLUTIONS LEADING THROUGH INNOVATION

Hybrid Series: Paper / Cardboard
Available in steam or hot water
Multi-pass dryback design
100 - 3,000 BHP
15 - 900 psi steam with super heater

S100 Series: Nut Shells / Grain Husks
Available in steam or hot water
Fire-box design
100 - 800 BHP
Low pressure steam with hot water options

N65 Series: Agricultural / Forestry Biomass
Available in steam or hot water
Fire-box design
100 - 1,500 BHP
15 - 450 psi steam

SOLID FUEL BOILER SYSTEMS

INSTALLATIONS WORLD-WIDE
LOW-COST INSTALLATIONS
HUNDREDS OF BIOMASS FUELS



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BOILER SUPPORT EQUIPMENT

CRG SUPPLIES RELIABLE & LONG LASTING BOILER SUPPORT EQUIPMENT

CRITICAL EQUIPMENT FOR BOILER WATER SYSTEMS

FEED WATER

CRG offers a complete line of feed-water systems ranging from 30 to 1,000 gallons and larger sizes upon request. Options available are control panel with motor starters and breakers, pump lights, selector switches, diffuser tube for extra high temperature condensate return, high and low water level alarms and pump alternator switches.



DEAERATORS

CRG offers a variety of deaerators sized from 5,000 pph to 250,000 pph. Deaerators are guaranteed to remove oxygen in boiler feed-water to .005cc/liter. Each unit is designed, constructed and stamped in accordance with the ASME Code of Pressure Vessels and inspected and registered with the National Board of Boiler and Pressure Vessels. This unit may be built with single or multiple pump applications using only name brand pumps, primarily Grundfos. (others available upon request)



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ECONOMIZERS

CRG Boiler Systems is proud to offer the Cain Industries extensive line of boiler exhaust recovery systems, ranging from 200,000 BTU/HR to 250,000 lb/HR boilers.



ACCESSORIES & CONTROLS

CRG CONTINUOUS SUPPORT EQUIPMENT SOLUTIONS

WE SUPPLY THE ACCESSORIES TO DELIVER MAXIMUM OPERATING EFFICIENCY

BLOW DOWN SEPARATORS

Accessories for Boilers Feed Water Systems

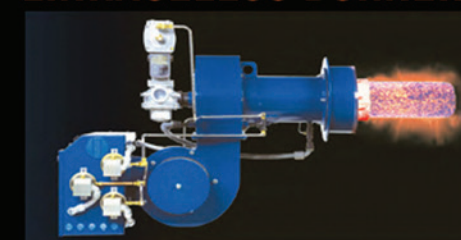
- Complete line of Blow-Down Separators
- Sizes from 8" DI to 14" DI
- Length from 26" to 56"
- Inlet sizes from 1.25" to 2.5"
- After cooler, both manual and automatic available
- All units built in accordance with ASME Code Section VIII Division 1



BOILER ROOM CONTROL SYSTEMS BURNER MANAGEMENT SYSTEMS

CRG offers many options for boiler controls and boiler room management systems, from a couple of different manufacturers. Controls can range from linkageless burner controls to lead lag systems, or complex total integrated boiler room management systems.

LINKAGELESS BURNER

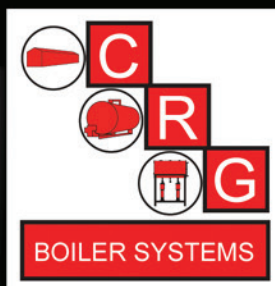


CONTROLLER



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BOILER ACCESSORIES

CRG OFFERS AN EXTENSIVE LINE OF HIGH QUALITY, COST EFFECTIVE, PRE-ENGINEERED WATER FILTRATION SYSTEMS
ASK US ABOUT OUR WATER FILTRATION SYSTEMS & OUR BOILER & STEAM PERIPHERALS

PRE-ENGINEERED WATER FILTRATION SYSTEMS

CALL US TODAY FOR A QUOTE & CUSTOM EVALUATION OF YOUR NEXT WATER FILTRATION SYSTEM

WATER SOFTENERS

DEMINERALIZATION

FILTRATION

WATER SOFTENERS

CHEMICAL FEED SYSTEMS



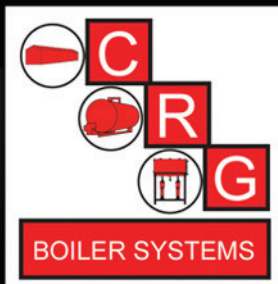
CONDENSATE PUMPS

CONDENSATE TRAPS

PRESSURE REDUCING VALVES

TEMPERATURE SHUTOFF VALVES

VARIOUS OTHER RELATED STEAM AND
CONDENSATE PARTS & ACCESSORIES



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POWER FLAME BURNERS

POWER BURNERS: TRADITIONAL & LOW NOX BURNERS
WIDE RANGE OF INDUSTRIAL / COMMERCIAL & PROCESS APPLICATIONS

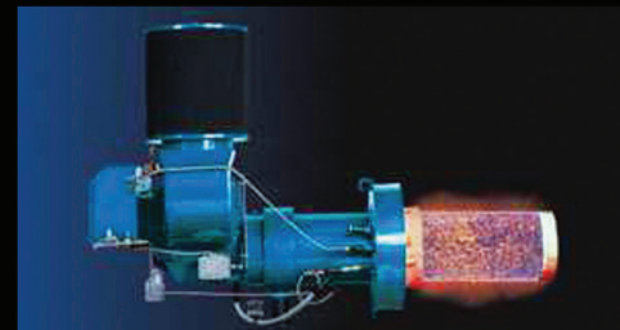
COMMERCIAL & INDUSTRIAL BURNERS

CRG utilizes Power Flame's full line of powered burning equipment ranging from 30,000 BTU/HR to 92,400,000 BTU/HR. These burners can run on gaseous fuels, such as natural gas and propane or distillate fuels like #2, #4 and #6 oils.



LOW NOX BURNERS

Power Flame provides Low NOx configurations on most of their burners to provide sub 30 ppm by utilizing induced flue gas recirculation ranging from 400,000 BTU/HR to 92,400,000 BTU/HR. If Ultra Low NOx is a requirement, Power Flame has burners capable of sub 9 ppm on natural gas with firing ranges from 700,000 BTU/HR to 64,200,000 BTU/HR and custom designs up to 125,000,000 BTU/HR.



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WORLD CLASS HEATING PRODUCTS & CUSTOM FABRICATION

CRG PROVIDES WORLD CLASS HEATING PRODUCTS FOR LARGE INDUSTRIES

WORLD CLASS HEATING PRODUCTS & CUSTOM FABRICATION

INDUSTRIAL

CRG Boiler provides an array of heating and steam systems for the industrial market, simplifying large scale industrial heating challenges, through robust and long lasting boiler equipment. CRG Boiler Systems builds its foundation of strength for the industrial customer by methodically assisting, constructing and installing industrial scale heating systems. CRG Boiler can implement engineered developed features for new construction and installation as well as renovate existing heating platforms. CRG Boiler has established a premiere service and product supplier reputation in the boiler industry, and as a result we welcome your interest in discussing heating and steam challenges within your industrial platform.

AGRICULTURE

CRG Boiler Systems delivers practical heating and steam solutions for the Agriculture industry. Inserting heating and steaming solutions from CRG Boiler Systems within the feed processing chain, yields significant results for the cattle industry. Collapsing the feed for cattle to consume offers an easier end result without sacrificing the overall quality of the feed itself. These results that impact cattle in a positive way can only be achieved thoroughly through a heating and steam application. The cattle industry benefits from healthier head of cattle and the end consumer receives a better product for their family at dinner time. CRG Boiler Systems can introduce heat and steam applications to help maximize the agricultural product for the consumer industry. We welcome your interest in discussing how we can optimize the feed your cattle consume within your agricultural platform.

COMMERCIAL

CRG Boiler Systems positions itself squarely in the middle of the commercial industry by providing reliable and long lasting heating and steam applications for the commercial industry demands. Commercial applications span across a vast spectrum of business that can benefit from the CRG Boiler line of products. In heating or steaming a small facility to a large commercial application CRG Boiler Systems can deliver a long term, efficient application to fit the engineered requirements of any project.

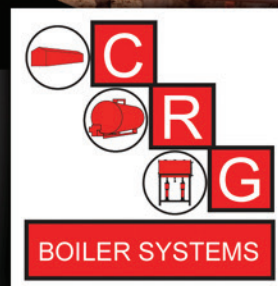
OIL & GAS

CRG Boiler Systems supports the Oil and Gas industry in heating applications for oil field operations and work environments for personnel. Heating a rig operation in the oil field has become second nature for the premiere boiler company CRG Boiler Systems. Maintaining a consistent and accommodating climate within an operation that requires 24 hour runtime and almost little downtime requires specialized heating and steam application systems. In introducing steam and heating applications from CRG Boiler Systems establishes a rig work environment that maximizes overall employee output and overall operation production. CRG Boiler Systems over many years has established itself as a subject matter expert at heating and steam applications for the oil field business. We welcome discussing your overall oil field operation demands and specifications for improving climate conditions within your operation.



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HAZLOC HEATERS

SAFE HEAT WHEN YOU NEED IT!

MANUFACTURER OF INDUSTRIAL UNIT HEATERS FOR HAZARDOUS & SEVERE-DUTY LOCATIONS

CRG BOILER SYSTEMS OFFERS CUSTOM HEATER CONFIGURATIONS FOR RUGGED CONDITIONS & INCLEMENT WEATHER LOCATIONS

CRG Boiler Systems is proud to offer the full line of Hazloc products. Steam unit heaters are capable of pressures up to 400 psi. The Hydronic heaters with multi-pass heater core options ensure that a Hazloc unit heater can meet most industry specifications and efficiency requirements. **Need an explosion proof electric heater?** Hazloc also provides the XEU1 electric heater with sizes ranging from 5kw to 30kw to deliver the demands of a rugged environment.

HAZLOC HEATERS



XEU1



SRH



HUH



HHP



HOT AIR UNITS & DUCTING

CRG CONTINUOUS HEATING SOLUTIONS

WE SUPPLY THE ACCESSORIES TO DELIVER MAXIMUM OPERATING EFFICIENCY

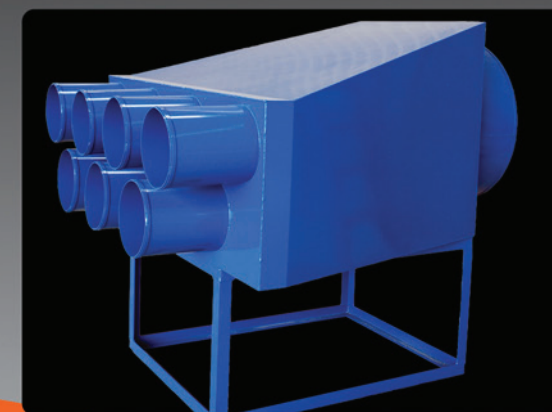
DRAGON FIRE HOT AIR UNIT

CRG Boiler Systems proudly packages complete hot air systems. We have designed the Dragon Fire heater with the idea of utilizing it as a primary heating source. By coupling CRG custom fabricated duct work and transitions, you truly have a custom tailored hot air system designed around your equipment.

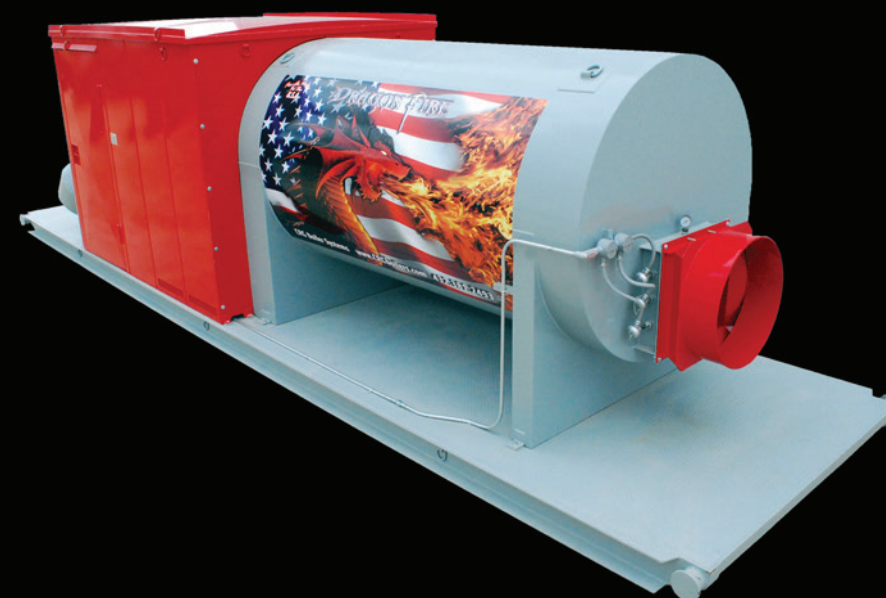
BURNER & CONTROLS



HOSE TRANSITIONS



DRAGON FIRE 1.4 - 5 MBTU/HR

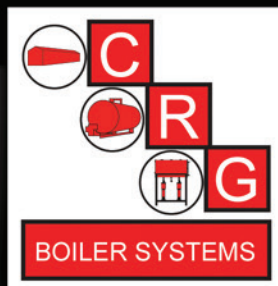


HOSE & HOSE TRANSITIONS



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PACKAGED BOILER SYSTEMS

Inquire about our complete packaged systems!

Dynamic configurations for varied industrial, commercial & agricultural application

COMPLETE STEAMING & HEATING PACKAGED EQUIPMENT

Integrated systems for purpose driven projects!

SCOTCH MARINE BOILERS



CRG BOILER ENCLOSURES



BOILER SUPPORT EQUIPMENT



HAZLOC HEATERS



STEAM PIPE SYSTEMS



CUSTOM PACKAGES:

CRG Boiler Systems is a turnkey company offering you a total solution. We are experienced with providing solutions for many different industries. Some of the following industries benefit from the CRG Packaged Boiler Systems:

Industrial Sector:

Oil and Gas
Chemical Plants
Power Plants
Heavy Manufacturing

Commercial Sector:

Hospitals
Correctional Facilities
Universities
High Rise Buildings
Mechanical Contractors
Engineering Firms

Agriculture:

Feed Mills
Food Processing
Meat Production

Our services and products can be found across the globe.

FABRICATION

CRG Boiler Systems can fabricate engineered projects!

CRG maintains a robust fabrication facility with skilled employees that have proven to successfully complete national & international projects

FABRICATION FACILITIES & SUPPORT PERSONNEL WITH ENGINEERING IN MIND

Trust your engineered driven projects to CRG Fabrication!

DRAFTING



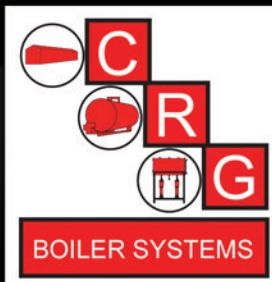
MATERIAL PREP



ASSEMBLY



PAINT



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CUSTOM FABRICATION

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ASME CERTIFIED "U" & "S" STAMP HOLDER

THE NATIONAL BOARD OF BOILER & PRESSURE VESSEL
INSPECTORS - CERTIFIED "R" STAMP HOLDER



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