

SOLUTIONS

Boiler Division

line card

BOILERS

PUMPS

SYSTEMS

SERVICE

PARTS



R.F. MacDonald Co.

your boiler & pump solutions team

~ since 1956

YOUR PREMIER SUPPLIER OF BOILERS, PARTS, SERVICE AND FABRICATED SYSTEMS

For over half a century, R.F. MacDonald Co. has been in the business of supplying and servicing boilers and pumps to industrial and commercial customers in California and Nevada. We represent over 35 of the highest quality equipment manufacturers in the industry to ensure we apply the right product for your application.

Our experienced technical sales staff will carefully evaluate your hot water and steam boiler needs and provide custom equipment solutions with reliability and process improvement in mind. For your convenience we maintain sales and service offices in a number of strategic locations.

We believe in servicing what we sell, 24 hours a day, 7 days a week. With over 90 service trucks on the road, we provide full field service capabilities in all locations. Our factory trained and certified technicians repair all makes and models of boilers. Our field services include troubleshooting, repair, certified welding, operator training, and installation.

Our huge boiler and boiler parts inventory combined with our multiple locations ensures fast and reliable service anytime day or night. Boilers are also available for temporary requirements.

We also provide in-house fabrication services for assembling boiler packages and custom systems into pre-piped and wired skids, simplifying field installation requirements.

We would be honored to serve your needs.



BOILERS



- Blowdown Systems
- Boiler Controls
- Chemical Feed Systems
- Commercial Watertube Boilers
- Deaerators
- Condensing Boilers
- Economizers
- Feedwater Systems
- Firetube Boilers
- Industrial Watertube Boilers
- Softener Systems
- System Controls
- Electrode Boilers
- Optimized Boiler Package



- Air-Preheaters
- Air to Fluid Heat Recovery Equipment
- By-Pass Systems
- Ductwork
- Heat Recovery Steam Generators (HRSG)
- Superheaters
- Economizers



- Copper Tube Boilers for Hydronic Heating and Hot Water Supply
- Stainless Full Condensing Boilers
- Condensing Hydronic Boilers
- Glass Lined Storage Tanks



- Industrial Watertube Boilers "A" Type, "O" Type and "D" Type up to 450,000 lb/hr Packaged Boiler Systems



- FULTON STEAM
 - Boiler Feed and Blowdown Systems
 - Electric Boilers
 - Vertical Steam Boilers
 - Pulse Combustion Boilers
 - Vantage Condensing
 - Hydronic Boilers
 - Reliance High Efficiency
 - Copper Fin Boilers
 - Modsync Sequencing System
 - Packaged Boiler Systems
- FULTON THERMAL
 - Vertical and Horizontal Thermal Fluid Heaters
 - Electric Thermal Fluid Heater
 - Steam Pac Steam Generator
 - Water Pac Hot Water Generator

- FULTON INVICTUS
 - Gas Fired Absorption Heat Pump Systems



- RENTAL & MOBILE BOILERS
 - Firetube
 - Watertube
 - Ultra Low NOx (<7ppm)

BOILER ACCESSORIES



- Fully Packaged Liquid Pressure Stabilization Systems
- LPG Vapor Oil Demister
- LPG Vaporizers and Mixers
- Process Gas Calorimeter



- Cannon Boiler Works
- Boiler Feedwater Pre-Heaters and Economizers
- Condensing Economizers
- Vent Condensers
- Waste Heat Recovery Equipment
- Steam Accumulators
- Ultramerizer Heat Recovery System



- Boiler Exhaust Economizers
- Waste Heat Boilers
- Thermocharger Energy Efficiency Systems



- Chemical Feed Metering Pumps
- Surface Blowdown Control Systems



- Centrifugal and Turbine Pumps
- Condensate Return Systems
- Customer Feedwater Systems
- Deaerators
- Skid Packages
- Vacuum Condensate Systems

BURNERS



- New & Retrofit Packaged Ultra Low NOx (<9, 12 or 15 ppm) Gas & Oil Combination Burners 1.5 to 99 mmbh



- New & Retrofit Packaged Low NOx (<20 ppm) and Standard Gas & Oil Burners for Firtube, Watertube and Firebox Boilers



- HRSG Duct Burners
- Process Heater Burners for Refineries and Petro-Chemical Plants
- Specialty Burners for Waste Fuels
- UltraLow NOx (<9ppm) and Standard Gas and Oil Burners for Industrial Watertube and Firtube Boilers

HYDRONIC ACCESSORIES



- In-Line Circulators
- Multi-Stage In-Line Boiler Feed Pumps
- Stainless Steel Components
- Bladder & Expansion Tanks
- Air Separators
- Strainers
- Heat Exchangers
- Suction Guides
- Flex Connectors
- Balancing & Check Valves

INSTRUMENTS AND AUXILLARY EQUIPMENT



- Thermal Mass Flow Metering



- Pneumatic Control Valves
- Pressure/Temperature Gauges
- Process Controls
- Self-Orienting Temperature Regulating Valves
- Thermometers

R.F. MACDONALD CO. SYSTEMS



- Customized Skid Systems, Single Point of Connection
- Hydronic Packages
- Pumps, Heat Exchangers and More



- Combustion Control Upgrades
- Continuous Emissions Monitoring
- Oxygen Trim Systems
- Supervisory Control and Data Acquisition
- Allen-Bradley Integrators Featuring ControlLogix, CompactLogix PanelView Plus and RSView32
- Solutions for Boiler, HRSG and SCR Control
- Wonderware Developer

VENT SYSTEMS



- Hearth Venting Systems
- Venting Systems for all Industrial/Commercial Category 1 Appliances



- Generator Exhaust Systems
- Grease Ducts
- Incinerator Exhaust Systems
- Positive Pressure Chimney Vents
- Refractory Lined Chimneys

POST COMBUSTION EMISSION CONTROL SYSTEMS



- SCR and CO Catalyst Systems for Ultra Low emission performance
- PaNOx - De NOx SCR Systems



- Ammonia Vaporization Systems

CORPORATE

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MODESTO

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Reno, NV 89523
775.356.0300

SONOMA/NAPA

642 Martin Avenue, Suite B
Rohnert Park, CA 94928
707.586.9234

SAN DIEGO

PO Box 1867
Poway, CA 92074
858.538.5877

Supply, Install, Maintain and Repair

BOILER SALES AND RENTALS

- Firetube and Watertube
- Copper Fin
- Thermal Fluid

ULTRA LOW NO_x SOLUTIONS

- Regulatory Compliance Guidance
- Ultra Low NO_x Burners
- Combustion Control Upgrades
- Selective Catalytic Reduction Systems
- Compliance and Monitoring
- Continuous Emissions Monitoring
- Options to meet Best Performance Standards

SERVICES

- ASME & National Board Certified Welding
- Field Service, Troubleshooting, Diagnosis and Repair
- Installation
- Building Management System Interface
- Oxygen Trim Systems
- Supervisory Control and Data Acquisition
- Skid Mounted Hot Water and Steam Boiler Systems
- Feedwater and Condensate Systems
- Boiler Room Upgrades
- Pumps, Heat Exchangers and More



24-HOUR EMERGENCY REPAIR SERVICES

CALL THE NEAREST FACILITY

www.rfmacdonald.com



VISION To provide a superior workplace environment, that attracts and retains the best employees in the industry, fostering an attitude that provides our customers with the most innovative, responsive and results oriented effort possible.