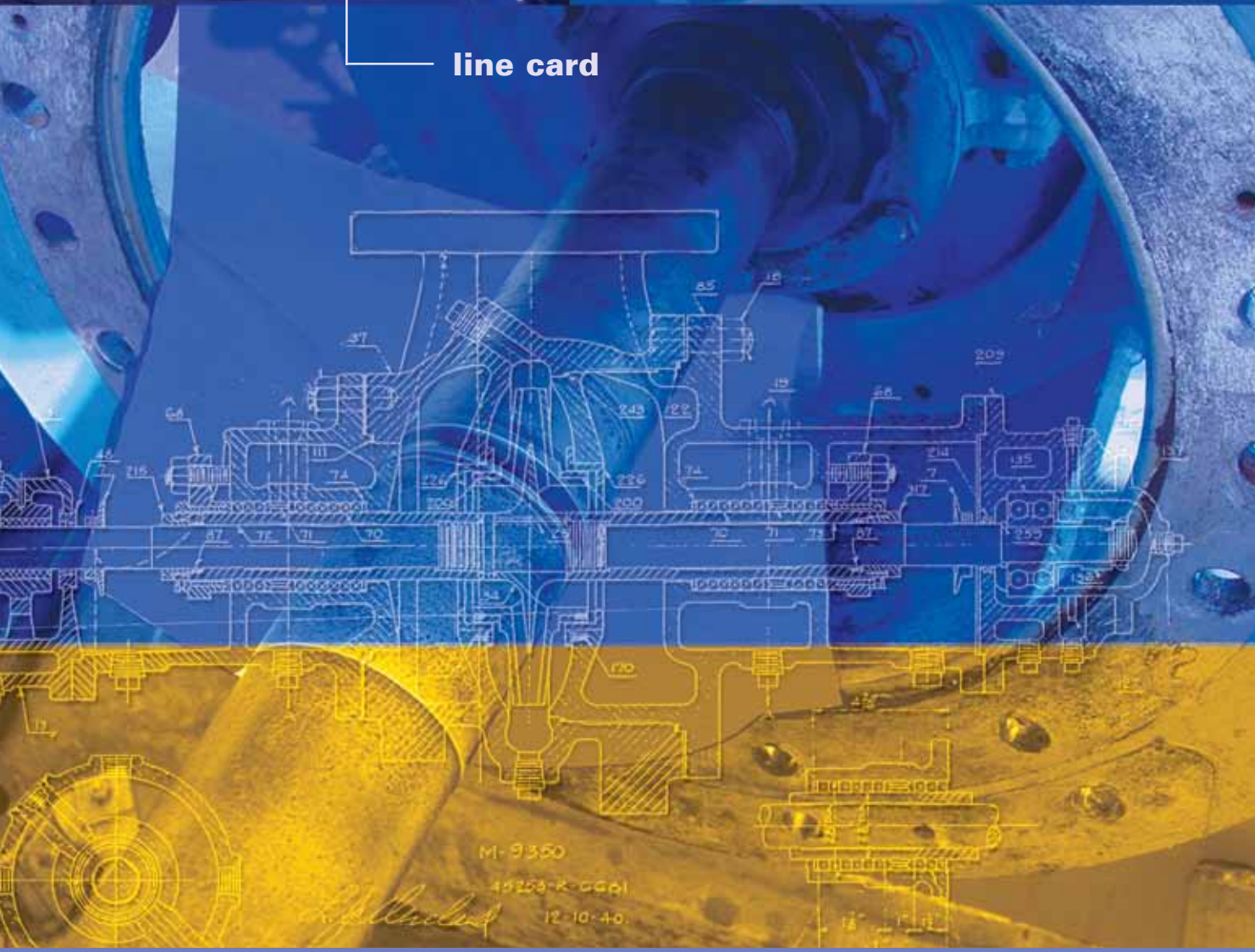


SOLUTIONS

Pump Division

line card

BOILERS | PUMPS | SYSTEMS | SERVICE | PARTS



R.F. MacDonald Co.

your boiler & pump solutions team

~ since 1956

YOUR PREMIER SUPPLIER OF PUMPS, PARTS, REPAIRS AND FABRICATED SYSTEMS

For half a century, R.F. MacDonald Co. has been in the business of supplying and servicing pumps, boilers and flow meters 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 fluid pumping needs and provide custom equipment solutions with reliability and process improvement in mind. For your convenience we maintain sales and service offices in four strategic locations; Hayward, Modesto, Fresno and Reno.

We believe in servicing what we sell, 24 hours a day, 7 days a week. We maintain full service/repair facilities in Hayward, Modesto and Fresno. Our factory trained and certified technicians repair all makes and models of pumps. Our field services include trouble-shooting, repair, installation, certified welding, operator training, laser alignment and vibration analysis.

Our huge pump unit and parts inventory combined with our multiple locations ensures fast and reliable service anytime day or night.

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

We would be honored to serve your needs.



AIR OPERATED DIAPHRAGM PUMPS



- Dry Run Capable
- Full Line of Plastic & Metal Designs
- High Vacuum
- Industrial & Sanitary
- Portable or Fixed Mount
- Self-Priming
- Solids Handling
- Stripping

CENTRIFUGAL PUMPS



- Food Processing
- Hot Oil
- Refrigeration
- Solids Handling
- Stringy Material and Sludge



- Chopper
- Horizontal, Vertical or Submersible
- Low Shear
- Mixers
- Recessed Impeller - Vortex
- Screw Centrifugal
- Solids Handling



- Commercial
- HVAC
- Industrial
- In-Line Circulators
- Multi-Stage In-Line Boiler Feed Pumps
- Stainless Steel Components
- Sump & Well Pumps



- ANSI, API
- Boiler Feed
- Chemical
- Food Processing
- Multi-Stage
- Paper Stock
- Process Pumps
- PumpSmart Controllers
- Seal-Less Magnetic Drive
- Sump, Slurry
- Vertical & Submersible
- Vertical Turbine
- Vortex



- Aquavar Variable Speed Controllers
- Bronze, Cast Iron & Stainless Steel
- Commercial, Industrial & Wastewater Services
- Horizontal
- Multi-Stage In-Line
- Sewage Pump Packages
- Submersible Sump

HIGH-PRESSURE PUMPS



- Flows to 320 gpm
- Plunger & Piston
- Pressures to 7,000 psi



- Diaphragm
- Dry Run Capable
- Motor Driven
- Pressures to 1,500 psi



- API
- Flows to 1,000 gpm
- Piston
- Plunger
- Wheatley/Gaso



MTH PUMPS

- Boiler Feed & Booster Services
- Condensate Return
- Flows to 150 gpm & pressures to 1,000 psi
- Fuel Cells
- Low flow - High Head
- Refrigeration
- Regenerative Turbine Pumps
- Seal-less Mag Drives

METERING PUMPS



- Boiler Blowdown Control Systems
- Cooling Tower Control Systems
- Diaphragm
- Piston
- Pulsatron
- Solenoid & Motor Driven



- 316ss, Hastelloy, PVDF
- Low Shear
- Progressive Cavity



- Gear Type
- Magnetic Drive
- Very Low Flow to 10 gph

PORTABLE PUMP CARTS

- Designed to Customer's Specification
- Complete Control Systems
- Startup Services Available

PROGRESSIVE CAVITY PUMPS



- Abrasive Handling
- Auger Options
- Bridge Breaker Options
- Industrial & Sanitary
- Low Shear
- Solids Handling
- Slurry & Sludge Transfer
- Thin to Viscous Liquids
- Vertical & Horizontal

ROTARY PUMPS



- Dry Run Capable
- Gas Compressors
- High Vacuum Self-Priming
- Positive Displacement
- Stationary & Truck Mounted
- Stripping & Low Shear
- Thin to Viscous Liquids



- Abrasive Handling
- Gear Type
- Rubber Lined



- Internal & External Gear Designs
- Circumferential Piston
- Hot & Abrasive Applications
- Viscous Applications

VACUUM PUMPS



- Lubricated & Oil Free (Dry Vane)
- Single & Two Stage Liquid Ring
- Standard & Engineered Systems
- Water Sealed

MECHANICAL SEALS



- Cartridge Seals
- Cooling & Flush Systems
- Gas Seals
- Packing
- Repairs
- Single & Double
- Split
- Solids Separators

SUBMERSIBLE PUMPS



- Dry Pit
- Mixers
- Mixed Flow
- Propeller
- Sewage



- Effluent
- Gray Water
- Grinders
- Sewage
- Slurry
- Tanks, Floats & Controls



- Corrosion Resistant
- Effluent

Additional Products and Accessories

- | | |
|----------------|-----------------|
| Strainers | Gear Reducers |
| Filters | VFD Inverters |
| Motors | Flow Meters |
| Starters | Pressure Gauges |
| Control Panels | Thermometers |
| Couplings | Flex Connectors |
| Mixers | |

BOILERS

PUMPS

SYSTEMS

SERVICE

PARTS

CORPORATE

25920 Eden Landing Road
Hayward, CA 94545

510.784.0110

FRESNO

88 N. Hughes Avenue
Fresno, CA 93706

559.498.6949

LAS VEGAS

3111 S. Valley View Blvd., Ste. E120
Las Vegas, NV 89102

702.220.6680

LOS ANGELES

578 Explorer Street
Brea, CA 92821

714.257.0900

MODESTO

1549 Cummins Drive
Modesto, CA 95358

209.576.0726

RENO

1430 Greg Street, Suite 503
Sparks, NV 89431

775.356.0300

SAN DIEGO

14781 Pomerado Road
PMB 184

Poway, CA 92064

858.538.5877

Concept, Design, Maintenance

PUMP REPAIR SPECIALISTS

- Factory Trained Technicians
- Field Service, Troubleshooting, Training, Repair, Laser Alignment and Vibration Analysis
- In-House Machine and Milling
- Mechanical Seal Failure Diagnosis and Repair
- One-Year Warranty
- Preventive Maintenance Programs
- Pump Design and Material Upgrades
- Training Seminars



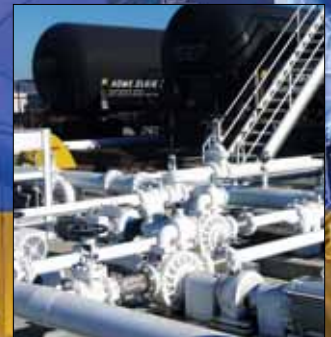
INSTRUMENTATION AND CONTROLS GROUP

- Building Management System Interface
- Conductivity and PH Control
- Flow and Pressure Measurement
- Level and Pressure Control
- Variable Frequency Pump Drive Systems



FABRICATED SYSTEMS

- Condensate Systems
- Process Cooling Water
- Pump Booster Systems
- Hot Water and Boiler Skids
- Custom Design
- Fast Turnaround
- In-House Design / Build Team



24-HOUR EMERGENCY REPAIR SERVICE

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.