

YOUR SINGLE SOURCE PARTNER

Meeting energy efficiency and processing requirements while maintaining tough environmental regulations

BOILER AND PUMP SYSTEMS

From HVAC to the complete wine making process and waste handling, we have over two million dollars in inventory for fast reliable service.

Pump Package Features:

- Stationary or custom cart mounted
- Controls (VFD, Nema 4X washdown enclosures, remote speed pendants)
- Pump Protection (overpressure and dry run), pulsation dampeners, stroke counters, air regulators

Boiler Package Features:

- Low NOx
- Fully Modulating
- 88% efficient +
- Small Footprint
- Stainless Steel Outer Jacket
- Easy to Service

FIELD SERVICE AND INSTALLATION

- Preventative Maintenance Programs
- Field Start-up and Troubleshooting
- Contract Maintenance and Service
- Local Inventory
- Factory Authorized and Trained Service
- Annual Inspections
- Training

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Hayward, CA 94545
510.784.0110

BAKERSFIELD
P.O. Box 71528
Bakersfield, CA 93387
661.363.6225

FRESNO
4912 West Jacquelyn Avenue
Fresno, CA 93722
559.498.6949

LAS VEGAS
3111 S. Valley View Blvd., Ste. E120
Las Vegas, NV 89102
702.220.6680

LOS ANGELES
10261 Matern Place
Santa Fe Springs, CA 90670
714.257.0900

MODESTO
1549 Cummins Drive
Modesto, CA 95358
209.576.0726

RENO
8565 White Fir Street, Unit B2
Reno, NV 89523
775.356.0300

SONOMA/NAPA
642 Martin Avenue, Suite B
Rohnert Park, CA 94928
707.586.9234

SAN DIEGO
7270 Engineer Road, Suite C
San Diego, CA 92111
858.538.5877

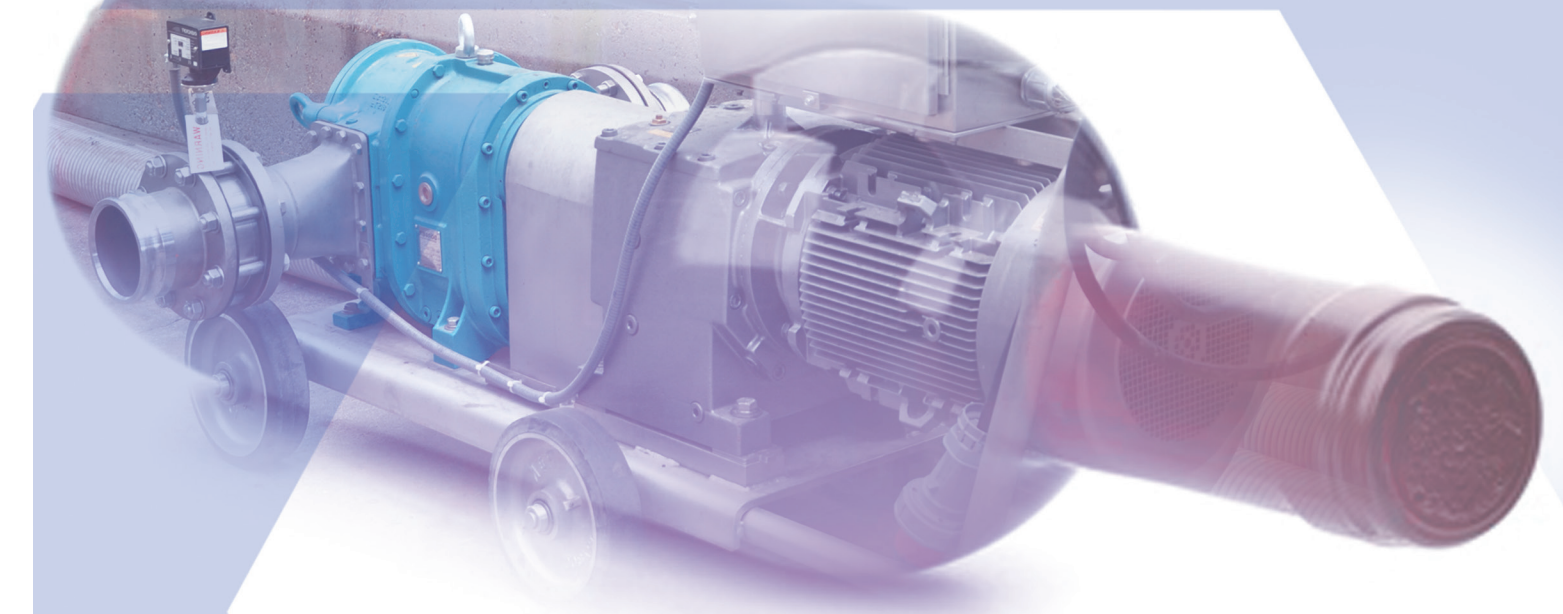
REPRESENTATIVES
THROUGHOUT
CALIFORNIA

www.rfmacdonald.com



WINE INDUSTRY

CAPABILITIES OVERVIEW



R.F. MacDonald Co.
your boiler & pump solutions team
~ since 1956

SUCCESS STORIES ACROSS CALIFORNIA WITH RF MACDONALD CO.



Charles Krug Winery

Dual Cleaver-Brooks
ClearFire boilers



"The ClearFire CFC boiler features a combustion system with a pre-mixdown firing burner, which is fundamental to achieving efficiencies up to 99% and NOx levels less than 20 ppm."

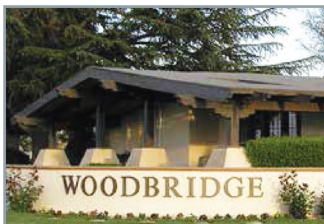
"The Seepex pump along with the quality and speed of the R.F. MacDonald service when the pump requires any type of part or service is truly unsurpassed."



Castoro Cellars

San Miguel, California
New Pump System

"...increased efficiencies also resulted in increased fuel savings, better temperature range control and higher overall reliability"



Constellation Wines, Woodbridge Winery

Camus DynaFlame
Boiler



The O2 trim system provides optimum efficiency 24 hours/day regardless of ambient temperature fluctuations, resulting in a 1% fuel savings annually.



The Wine Group, Franzia

Cleaver-Brooks/ProFire
Ultra-Low NOx Boiler



Cleaver Brooks ClearFire Boiler



Camus DynaFlame and
Advantus Boilers

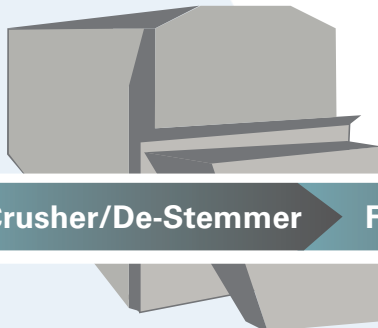


Seepex Progressive
Cavity Pump



Boerger Rubber Rotary
Lobe Pump

Crush Pad: Positive Displacement
(Progressing Cavity, Metal & Rubber Lobe)



Crusher/De-Stemmer

Ferment/Maceration

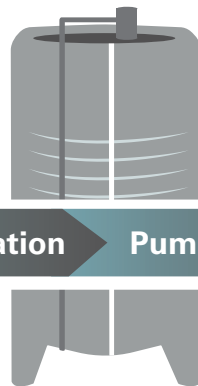
Pumping Over

Remove Free Run Juice

Press/Settle/Rack

Age/Fining/Filter

Bottling

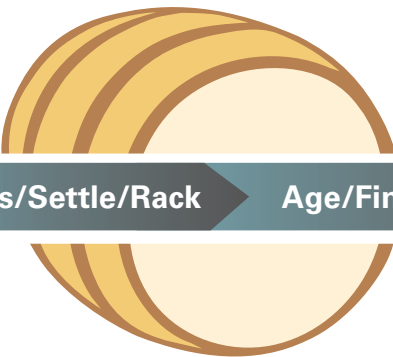


Pump Overs: Positive Displacement
(Metal & rubber Lobe), Centrifugal and Air Operated Diaphragm

Pomace Transfer: Positive Displacement
(Progressing Cavity, Metal & Rubber Lobe)



**Juice Transfer: Centrifugal and Air
Operated Diaphragm**



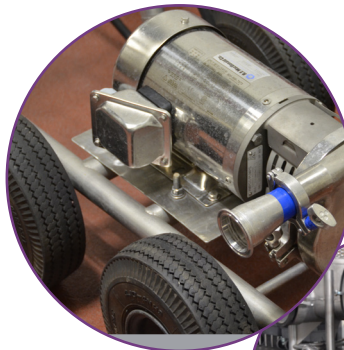
**Winery Waste: Centrifugal Self Priming
and Submersible Solids Handling**



Boerger Rubber Rotary lobe



Warren Rupp and ARO
Diaphragm Pumps



Alfa Laval
Centrifugal Pump



Seepex Progressive Cavity

COMPLETE PUMP SOLUTIONS SPECIFICALLY DESIGNED FOR THE WINE INDUSTRY.

THE WINE MAKING PROCESS

ALSO...A FULL LINE OF BOILERS: HYDRONIC, PROCESS, HOT WATER AND STEAM SYSTEMS

SEE THE COMPLETE CASE STUDIES AT www.rfmacdonald.com