

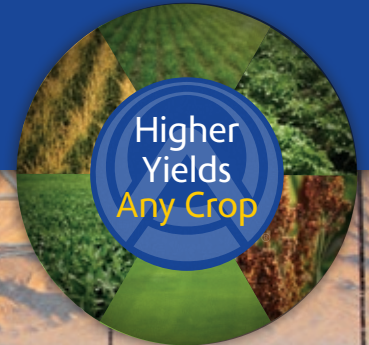


AGRI-INJECT®

Because irrigation can deliver more than just water.®

► mRoy Series A/P and B Metering Pumps

Efficient application of fertilizer to a variety of crops through your irrigation system.



"We buy multiple Agri-Inject pumps per year that we resell to our customers for injecting sulfuric acid to balance pH levels. We've tried other pumps, but they just don't hold up as well as the Agri-Inject models. Since the pumps are injecting from 93 to 98 percent sulfuric acid, we don't want our customers having to touch them if there's a problem. So if they see a leak, they shut it off and call us, and we'll go out and do the repairs or maintenance ourselves. Even then, it's usually a hose or the fittings rather than the pump itself. It's not unusual to have Agri-Inject pumps on the job for 10 years or more. Then, what's good about them is we can bring them back to our shop, rebuild them and they're good for another 10 years."

— George Verdegaal,
Verdegaal Brothers, Inc.
Hanford, California



► mRoy Series A/P and B System Pumps For rugged, long-life precision application.

When you buy a fertilizer injection system from Agri-Inject®, you're getting a whole lot more than just a pump on a piece of plywood. As the world leader in fluid application technology and equipment, we've gone to extremes to make sure that every pump we produce is complete in every detail. Our fertilizer injection systems are designed and engineered to provide reliable performance and maximum results in any operation.

We provide the complete package to you. Everything you need to get up and running quickly and easily – backed by the experience and expertise to help you enjoy the cost-saving, yield-enhancing benefits fertigation offers.

- The system includes the base, control switch, filter assembly, Mister Mist'r®, discharge hose, start-up kit and Apply Yourself® App in a complete turnkey package.
- Agri-Inject systems are engineered for easy maintenance. Accessible fittings, right-angle check valves, handy oil plug and easy-to-change filter assembly are all specifically designed for easy access and maintenance. The end result is a labor saving system that will last.



- Exclusive Mister Mist'r® injection valve with four-way release delivers accurate amounts of concentrate right into the middle of the water supply pipe. Mister Mist'r is also a check valve that helps prevent unwanted leakage or back flow contamination for increased safety. Versatile bleeder/needle valve adds even more convenience, control and safety to the injection process.

* U.S. Patent Number 6230982

Key Product Features

Simplex Milton Roy Diaphragm Metering Pumps			
Model**	Operating Range	Maximum Discharge Pressure	Single Phase, Three Phase and 12-volt DC
mRoy P	1.8 to 18 GPH (6.8 to 68 liters)	350 PSI (24.13 bar)	1/4 hp (.19 kW)
mRoy A	3.0 to 30 GPH (11.4 to 114 liters)	350 PSI (24.13 bar)	1/4 hp (.19 kW)
mRoy B	8.5 to 85 GPH (32.2 to 322 liters)	350 PSI (24.13 bar)	1 hp (.74 kW)
MaxRoy	22.7 to 227 GPH (85.9 to 859 liters)	150 PSI (10.34 bar)	1-1/2 hp (1.12 kW)
Duplex Milton Roy Diaphragm Metering Pumps			
mRoy P	1.8 to 18 GPH (6.8 to 68 liters)	350 PSI (24.13 bar)	1/4 hp (.19 kW)
mRoy A	3.0 to 30 GPH (11.4 to 114 liters)	350 PSI (24.13 bar)	1/4 hp (.19 kW)
mRoy B	8.5 to 85 GPH (32.2 to 322 liters)	350 PSI (24.13 bar)	1 hp (.74 kW)

* All pumps are accurately adjustable down to a level that is ten percent of their maximum capacity. Indicated capacity rates are based on a 1725 RPM motor at 50 Hz.

- The self-contained design of Agri-Inject pumps make it easy for one person to handle and convenient to move from one system to the next.



- mRoy pumps deliver ± 1 percent the full capacity over the 10 to 1 turndown ratio.

- Hydraulic actuated for long pump life with low maintenance.

- Teflon diaphragm works well with virtually all ag chemicals.

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- The rugged **Nomad** sealed base provides a solid foundation and keeps unit out of the dirt for trouble-free operation.

- 316 stainless steel head metallic housing and corrosion resistant coatings give the pump the toughness to stand up to harsh chemicals and the weather. Head and checks also available in alloy 20 or PVC. The externally located checks are easily accessible for routine maintenance.
- Easy-to-read, 316 stainless steel flow rate dial lets you make adjustments quickly and simply, while the pump is running.



- Bi-directional motor provides worry-free operation with a parts-circle pivot or running a center pivot or linear machine in either direction.



- The control switch is sized specifically to each motor and provides overload protection. The switch enclosure is NEMA 4 rated. The control switch is fully integrated into the **Nomad** base.



Reference warranty details at www.agri-inject.com

Global technology

Since 1983, we've distributed metering pumps to every corner of the globe utilizing irrigation to raise sustainable crops. The engineered reliable design make it ideally suited for years of service.

Environmentally safe

Utilizing a high quality fluid injection pump enables you to precisely provide what your crop needs while reducing the environmental impact. With Agri-Inject equipment, there are other benefits of reduced drift and reduced labor and energy costs. Agri-Inject also offers containment options to provide even further assurance of environmental safety.

Economical to operate

Lower operating costs at high volumes make the mRoy A/P and B System Pumps especially effective for applying fertilizer, chemicals, and other concentrates through high acreage pivot irrigation systems.

Future of precision agriculture

Today we're on the doorstep of dynamic growth of precision farming within the global agricultural industry. Agri-Inject products are perfectly in sync with precision agriculture. They are the cost effective way to apply precise amounts of fertilizer and crop protection products at precisely the right times during the growing season. That's a sound "precision strategy" for improving yields and ensuring crop health for many years to come.

Where to buy

Agri-Inject products are distributed globally through an authorized dealer network. Each dealer has a solid reputation for responsive service and technical support. When you're irrigating, you can't afford to wait for answers. You'll find the support you need from Agri-Inject is just around the corner.

► mRoy Series A/P and B System Pumps For High Volume, Top Efficiency

"We have a variety of liquid products we're putting on barley and potatoes with Agri-Inject pumps. Our pivots are making a circle approximately every two days and there's something being injected every time they go around from about late June until early August. That includes three different fertilizer solutions, as well as fungicides and pesticides that we put on using the same pumps. Most of our land consists of pretty sandy soil, so we have to put on the nitrogen a little at a time as the crop requires it. We've been using fertigation and chemigation since 1978, but this past year was only our second season with Agri-Inject pumps. We still have about eight pumps from another company, but we just ordered two more 85-gallon Agri-Inject units, partly because they're so much easier to adjust and calibrate.

— Jeff Raybould, Rexburg, Idaho



Eliminate the guesswork of pump selection and pump rate calibration.

APPLY yourself



Exclusively from

AGRI-INJECT

Because irrigation can deliver more than just water.®

DOWNLOAD THE APP TODAY!



Custom List of Your Pumps

Pump Calibration Solution

Five Simple Sizing Questions

Ranked Pump Options

Timer Function with Audio and Visual Alerts

Recommended Pump Photo and Details



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