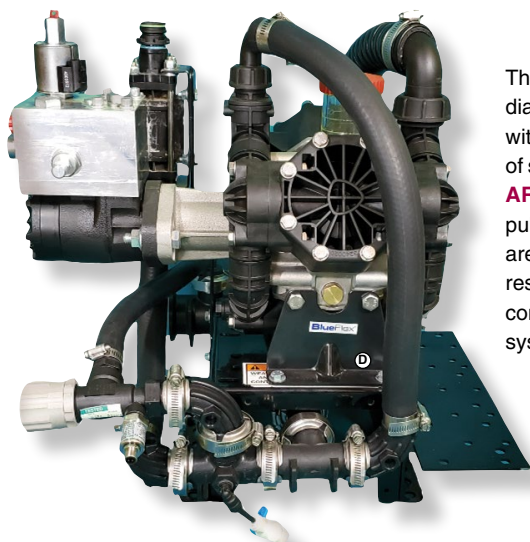


Hydraulic Fertilizer Systems



The **Dultmeier Hydra5 Hydraulic Pump System** is built around a low-pressure hydraulic diaphragm pump made to handle nearly any spraying or liquid fertilizer application. Engineered with **Blue Flex™** diaphragm technology, the **Hydra5** offers superior resistance to a wide array of spraying chemicals and aggressive liquid fertilizers. Offering versatile mounting, a powerful **AR LFP Series** hydraulic diaphragm pump easily draws liquid from the front of a tractor or pull-behind cart. The specially designed inlet/outlet manifolds, diaphragm heads, and valves are all polypropylene and stainless-steel construction - maximizing liquid flow, chemical resistance, and component longevity and maintenance. Seamlessly configures with existing controllers such as *JD Greenstar, Trimble, AgLeader, Raven, Micro-Trak*, and others. Multiple systems available – **Call with Specifications.**



Hydraulic Oil Flow Rates				
Based on a 30ft Tool Bar				
Pump Model	LFP80	LFP120	LFP160	LFP250
Oil Flow (GPM)	1.4 – 5.7	3.0 – 7.6	3.0 – 10.6	3.8 – 10.5

Powerfully Built to Handle the Needs of Today & Tomorrow !

System Features: Polypropylene & Stainless steel construction • Self-priming operation • Powerful LFP Series Hydraulic Diaphragm Pump • 3 to 6 Blue Flex™ diaphragms • PWM hydraulic valve • XX-Row 3/8" (Standard Flow) manifold kit • Orion magnetic flowmeter • Visual oil Level sight glass • Tank to Pump Kit • 0.5 to 55 GPM (1 to 11 GPM Oil) • Maximum PSI is 290 • Easy, low-maintenance design.

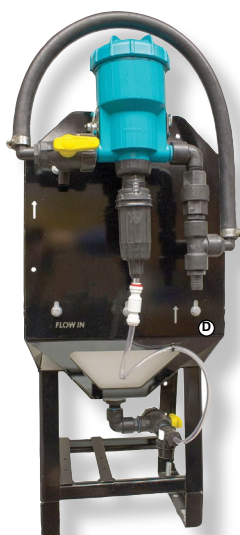
Part No.	Description	No. of Diaphragms	Max. GPM	Max. PSI	Max. RPM
XL HYD580-12	Complete 12-Row LFP80 Blue Flex Hydraulic Pump Kit...	3	0.5 - 20	290	550
XL HYD580-16	Complete 16-Row LFP80 Blue Flex Hydraulic Pump Kit...	3	0.5 - 20	290	550
XL HYD580-24	Complete 24-Row LFP80 Blue Flex Hydraulic Pump Kit...	3	0.5 - 20	290	550
AR 43247	LFP80 Blue Flex Hydraulic Repair Kit	3	-	-	-

NOTE: See Adjacent Page for System Add-On Options (Mounting Brackets, Integration Cables, Section Control, etc.)

Planter & Sprayer Chem-Jection System

For Use with Fertilizer Pump Systems

The **Dultmeier Chem-jection System** is designed for low-volume in-furrow liquid fertilizer applications which require injection of a carrier solution, such as pesticides and insecticides. Units are built with a 10-gallon solution tank, pre-plumbed check valves and inline strainer, mounting cradle, and chemical injector achieving a max injection percentage of either 2% or 5%. No electrical components required to operate – injectors use system pressure and volume of an existing pump system to provide precise injection rates. Chem-jection systems ship completely plumbed (excluding feed & return hoses between injector and pump system) for simple, fast installation right out



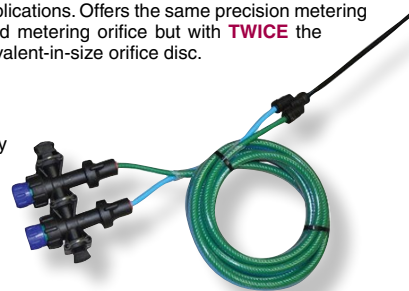
Part No.	Description
XL CMI-2	Chemical Injector, 2%
XL CMI-5	Chemical Injector, 5%

Micro Tubing

Micro Tubing is a revolutionary way to manage flow rate and system pressure for specialized fertilizer applications. Offers the same precision metering performance as a standard metering orifice but with **TWICE** the inside diameter of an equivalent-in-size orifice disc.

Advantages:

- Maintain consistent system pressure, thereby eliminating inaccurate application rates and back pressure
- Improve control of liquid flow across a variety of product viscosities and volumes, especially at cooler temperatures
- Reduce chances of orifice blockages when using gritty or high-particulate fertilizers



Micro tubes can be combined to form a dual-tube metering manifold capable of handling even greater ranges of flow rates and product viscosities without changing system configuration!

Available in 11 colors/sizes & either single- or dual-tube either. **Sold standard in 8-foot lengths.**

Part No.	Color
XL MT-PK	Pink
XL MT-YL	Yellow
XL MT-GY	Grey
XL MT-BL	Blue
XL MT-BR	Brown
XL MT-LBL	Light Blue
XL MT-GR	Green
XL MT-PR	Purple
XL MT-OR	Orange
XL MT-RD	Red
XL MT-BK	Black

Call for Additional Details & System Pricing!