

LCO CROSSFIRE

Chemical Injection Pump

The CROSSFIRE platform can be customized with up to four standard 5100 style fluid ends. The highly configurable platform allows for each head to be configured for a variety of injection rates, pressures and chemicals through a selection of soft goods, plunger sizes and standard variable stroke length nitride coated plungers. This variability coupled with standardized materials not only ensures you have the correct parts for the job but also reduces the required maintenance parts that need to be carried. Add on our unique One N' Done packing and you reduce the soft goods variations as well which will ensure ease of maintenance across your installed base.



Ultra Low Power Consumption

The CROSSFIRE platform is built on a highly efficient 24VDC motor that can be reliably and sustainably powered off solar energy in off grid locations. Low power consumption means a smaller requirement for solar infrastructure which leads to a more cost effective installation and improved autonomy. The CROSSFIRE'S innovative design also employs a low inrush current which prolongs battery life and overall equipment life.

Example: Inject 20 L/day at 500 PSI = 275 mA
Average current draw = 6.6 Watts



LESS POWER THAN AN
8 WATT LED LIGHT BULB



2X 100W SOLAR PANELS & 110AH BATTERY
= 17 DAYS OF AUTONOMY

Based on the years of field experience and customer feedback, LCO has been developing new features to address challenging applications.

Features

- Unique two piece inlet check valve which makes o-ring installation of any material easy and without potential damage
- Plunger disc to prevent chemical migration into housing
- Larger yoke port for better drainage
- Easy to remove plunger pin
- One N' Done universal packing cartridge for any type of 5100 fluid end
- Full 0- 1" stroke adjustable plunger
- On-Board power draw and totalization