

## FUEL SYSTEMS FOR POWER GENERATION

# Duplex Pump Set

### STANDARD PACKAGE

- 10 GPM positive displacement pump with internal pressure relief
- 1 HP / 120V AC / TEFC Motor
- Inlet / Outlet isolation valves
- External pressure relief valve
- Inlet strainers
- Anti-siphon components
- NEMA 3R enclosure
- Micro Controller with 7" HMI
  - Modbus communication
  - Lead / Lag pump sequence
- Alarms and Status Indicators
  - Power On
  - Pump Run
  - Loss of Flow
  - Leak Detection
  - High Vacuum

**Delivers fuel  
on-demand!**



### OPTIONS

- 2, 4, 15, and 20 GPM models\*
  - Other sizes and variable speed designs available upon request
- BACnet communication
- Heated cabinet
- Cabinet ventilation system
- Open-frame design
- Alternating pump sequence
- Additional control accessories:
  - Tank level sensors or switches
  - Back pressure regulators



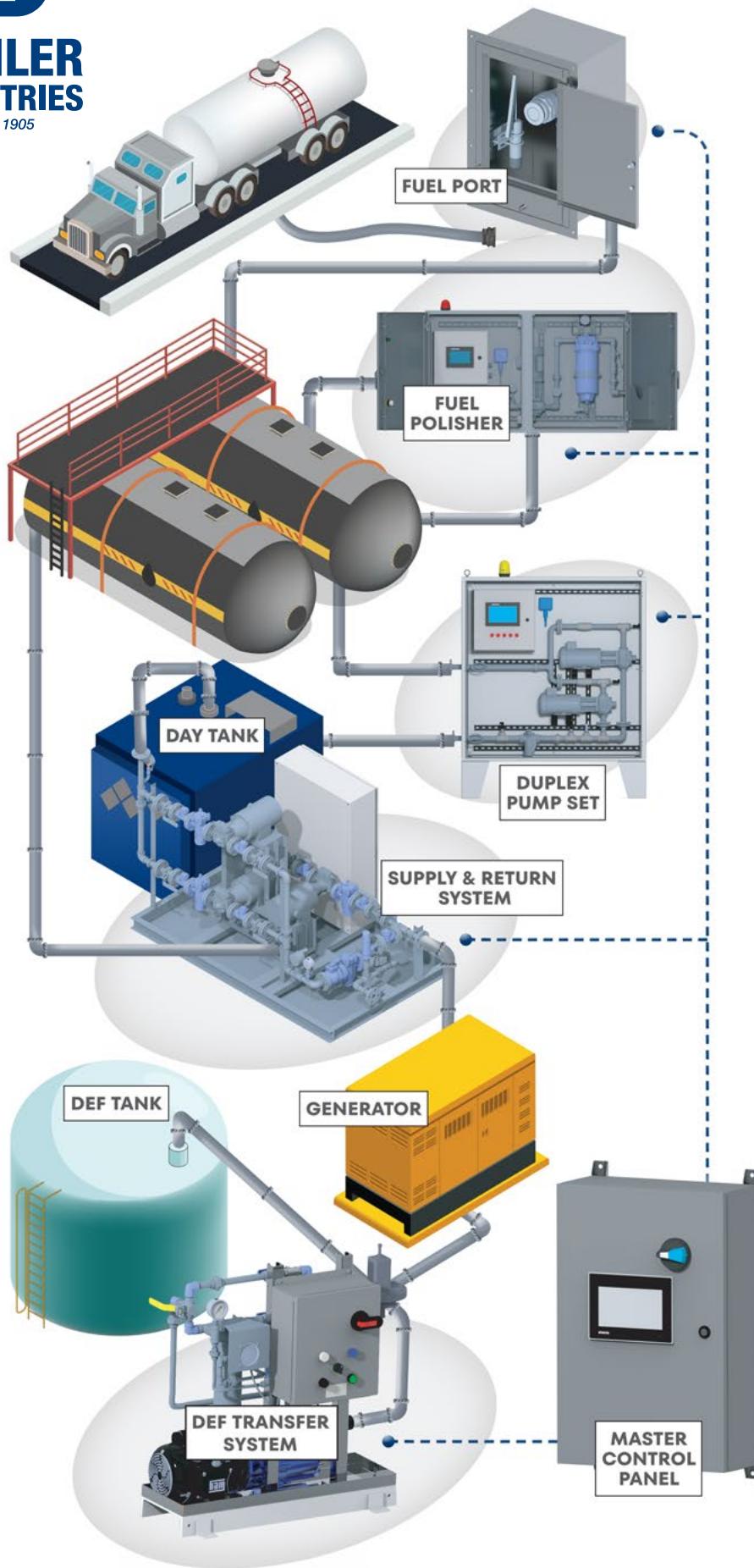
\*Dimensions and features may vary



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**SEMLER  
INDUSTRIES**

Since 1905



### Fuel Port:

Semler's Fuel Port systems give you the ability to receive your fuel remotely with ease. These are offered in manual, electromechanical, and PLC-based versions to fit your operation requirements.

### Fuel Polisher:

With environmental contaminants consistently impacting tanks, the condition of stored fuel can degrade over time. Semler's PetroPolisher™ systems optimize fuel quality for longer periods of time so it's ready to use when you need it most.

### Duplex Pump Set:

Move fuel within your facility safely and efficiently with one of our pump set packages. These transfer pumps are designed specifically for your application and interact with a variety of level monitors and building management systems.

### Day Tank:

For applications that need fuel storage nearby, our day tanks are offered in a variety of capacities to provide hours of running time for your generator.

### Return Pump:

Return fuel to your bulk storage tank under required conditions such as high temperature or level in your day tank. Where applicable for your facility, combination packages for supply and return pumps are also available.

### Master Control Panel:

Our custom designed master control panels monitor all fuel management components to provide notifications of status conditions. The MCP can communicate with other equipment including generator panels and BAS/BMS controls.

### DEF Transfer System:

Semler's DEF Transfer System is designed to maintain proper fluid levels for generator Tier 4 SCR Systems. Fluid is transferred at required flow rates, pressures and cleanliness levels. Our designs include a flexible installation package which can be located near the genset or within a temperature-controlled enclosure.

**Semler Industries Inc.**

3800 North Carnation Street  
Franklin Park, IL 60131 USA  
Phone: (847) 671-5650

[semlerindustries.com](http://semlerindustries.com)