Neptune™
Part of Pump Solutions Group
A DOVER COMPANY

Solar D™ Pump Series

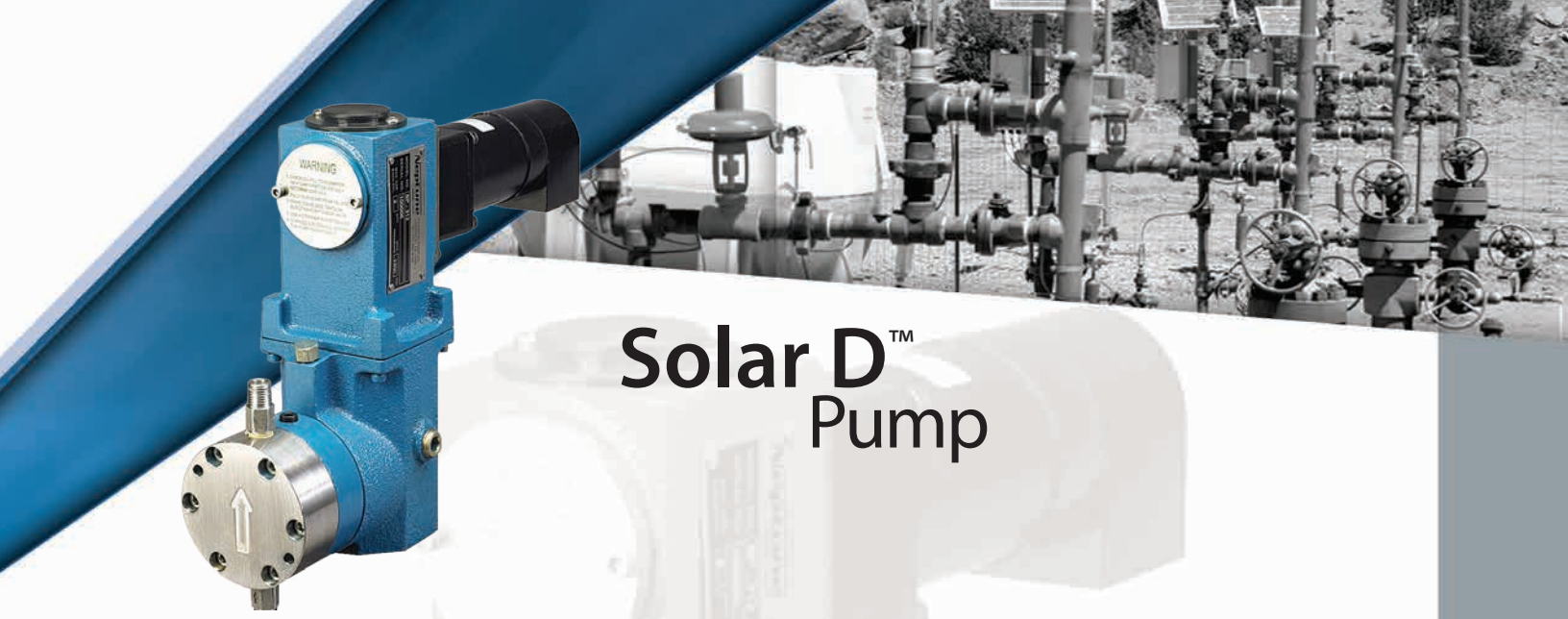
Where Innovation Flows

Consistent Injection Rates from a Reliable Solar Pump

Neptune Solar D™ pump was developed via a joint engineering effort with our sister company, Ferguson Beauregard, part of Dover Corporation. This effort resulted in an innovative solar powered chemical injection pump for feeding a wide variety of chemicals into remote oil and gas wells where electrical power is unavailable. The Neptune Solar D is engineered to meet the needs voiced by the industry.

Benefits:

- Reduce field service and downtime
- Maximum chemical containment
- Precise and consistent injection rates at pressures up to 1,200 psi (83 bar)



Solar D™ Pump

The Best Solution For Accurate Chemical Injection

Innovation

- Unique seal-less diaphragm technology eliminates chemical leaks, offers a wide range of chemical compatibility, and reduces maintenance and downtime

Reliability

- Combining the inherent reliability of the pump with intelligent controls provides operators maximum visibility and real-time monitoring with minimal time on site
- Accurate and reliable injection rates (even as pressure varies) translate into increased production, reduced chemical expenses, and precise dosage ranging from 0-45 gallons per day

Intellectual Capital

- For more than 50 years Neptune has provided superior service across North America; Neptune is growing its global presence daily with the same knowledgeable assistance, technology, and unmatched service you've come to expect from Neptune

Features
Highly efficient and accurate brushless DC motor
Corrosion resistant 316 SS and PTFE standard on chemical end
Hydraulically balanced diaphragm design to reduce wear
Seal-less design to prevent leaks
Durable with few moving parts and no dynamic seals
Easy maintenance
Reduced complexity minimizes downtime and inventory requirements

Specifications	
Max Injection Pressure	**1200 psi (82.73 bar)**
Max Output*	**45 GPD (170.64 L/day)**

** Typical solar panel configurations allow only up to 10 GPD. Special solar panel configurations will be required if higher rates are necessary.*

PSG® PUMP SOLUTIONS GROUP A DOVER COMPANY

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Authorized PSG Partner:

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