

Sulzer Pump Systems

Sulzer Pumps can provide turnkey pump system solutions for transfer, injection, or pressure boosting of your process liquids. From small GPH flows in chemical injection to thousands of BPD or GPM in pipeline shipping pumps, Sulzer Pump Systems builds the equipment you need to handle fluids pressured from 50 PSIG to 15,000 PSIG.

Capabilities and Applications

Pumps

- Single or multistage centrifugal pumps (ANSI or API 610, also ISO or ASME)
- Reciprocating: Triplex & Quintuplex
- Positive Displacement: screw or gear
- Slurry type centrifugal pumps for solid processing

Process Components

- Heat Exchangers for cooling and heating; Shell & tube or Air to Liquid
- Process vessels—from ASME code or atmospheric storage
- Solids removal devices—Centrifuges, Hydrocyclones, Media Filters

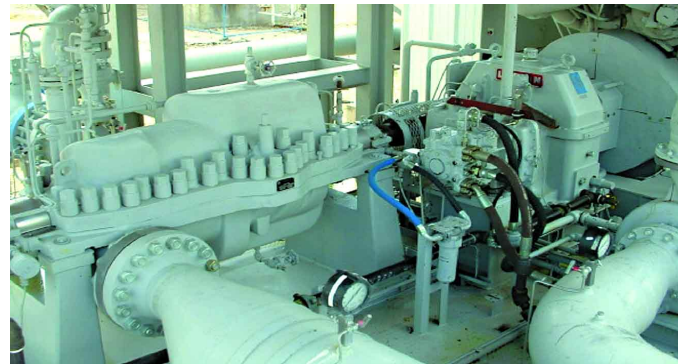
Drivers

- Electric Motors—TEFC or XP
- Reciprocating Gas/Diesel engines—with cooling and fuel systems
- Turbine drivers with lube/fuel systems
- Speed reducer or increaser gear sets

Controls

- VFD – Variable Frequency Drives or other variable speed devices i.e., fluid or hydraulic drives, soft starts
- PLC controllers for process requirements
- MCC—switchgear; single pump panel to full MCC's
- Control Valves
- Flow Meters

Providing specialized pumping equipment and expertise to meet critical demands in the field



(Left and right) 100K BPD PW Injection Pump and Booster

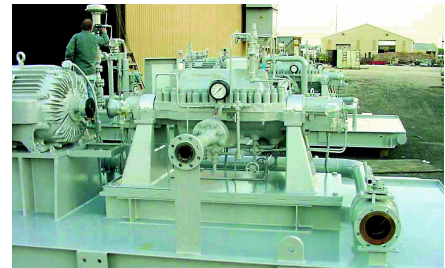
Configurations

- Onshore-domestic plant to remote unmanned oilfield production locations with enclosures
- Offshore-custom designed for space and service limitations
- Trailer Mounted Systems—for sites from tropical jungles to arctic environments

Typical Fluid System Applications

- Crude Oil Shipping Modules
- Produced Water Injection
- Engine Driven Modules

- Pipeline Booster Station
- Heat Media Modules
- Sump Tank Packages
- Boiler Feedwater Systems
- Drillsite Separation Packages
- Chemical Process Modules
- RO or SRM Booster Pump Sets
- Fuel Treatment/Conditioning Skids
- Hydrocyclone Solids Systems
- Amine and Methanol Pump Skids
- Custom Engineered Systems



(Above) Produced water injection



(Left and right) Crude oil pipeline application

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