



Saltwater Disposal Capabilities

Our enhanced portfolio provides a **complete saltwater disposal (SWD) solution**, from horizontal gun barrels to injection pumps and corrosion control.

You probably know us for our equipment manufacturing, but did you know that we can provide a complete solution all the way through to service and maintenance of your SWD facility? With over 150 years of industry experience, our team of experts has the know-how to advise you on a more efficient site layout from start to finish.

Our engineers conduct studies of your site and downhole conditions to recommend complete, optimized designs and solutions. We then assist with corrosion control and equipment selection. Our complete service and support with on-site wellness check-ups and repairs makes us your one-stop-shop for SWD facilities.

Our Equipment

1

Horizontal Gun Barrel (HGB) – Far more efficient than traditional or enhanced vertical gun barrels, our horizontal gun barrels are engineered with saltwater disposal in mind. A single horizontal gun barrel replaces multiple offload tanks, gun barrels, and transfer pumps that are conventionally used by SWD operators. With our unique online solids removal, tank cleanouts can be eliminated. Our system also eliminates the re-pumping of water into tanks, and produces cleaner, drier oil.



2

Moyno™ Offload Pumps – The non-shearing action of our Moyno progressing cavity pump is an ideal offload solution that helps grow oil droplet size, allowing better recovery. With the ability to unload a complete standard tanker in minutes without vapor locking, our Moyno progressing cavity pump technology has 85+ years of successful industrial use.



3

Tore™ Trap Desanding Skid – The desanding hydrocyclones protect your disposal well from suspended solids without the labor demands associated with bag filters. Able to remove fine solids down to nearly 15 microns, the ToreTrap desander allows suspended solids removal without the disruption of process. Reduced solids in the stream leads to fewer filter change-outs, minimal tank cleanouts and reduces the opportunity for damage of pumps and injection wells.



4

Tanks – We provide API-monogrammed or custom-built tanks, offered in fiberglass or steel, to meet your needs. With complete install of pedestals, walkways, stairs, and structural elements, we can find the solution that fits your site requirements. To help with the removal of solids and hydrocarbons, we offer a wide range of designs of desanders, skim tanks and adjustable water legs. All our tanks can be designed to incorporate our proprietary EZskim process that eliminates the burden to closely monitor skimming of tanks. This allows you to focus on more productive functions in the facility.



5

Injection Pump – With a century of pump manufacturing under our belts, our reciprocating and Horizontal Pumping System (HPS) pump package options are field-proven and reliable. We back our solutions with a global team of technical experts, ensuring you always have the support you need.



6

Fiberglass Pipe – We provide technical expertise and superior technology that maximizes the performance and lifecycle economics of your project. With a proven history of jointed and spoolable products with global support you can depend on, our composite systems are engineered to increase efficiency, reliability and reduce costs. We have worked to develop a proven corrosion-resistant solution that is lightweight and easy to install.



7

TK™ Products provide unrivaled performance in extending asset life and improving efficiencies. The extensive family of engineered TK-coating systems provide corrosion protection, wear resistance, deposit mitigation, and flow enhancement for all operating environments. TK™-Liner, a high-performance corrosion-resistant protective glass reinforced epoxy (GRE) is available in a variety of connection options and provides excellent protection in corrosive environments.



8

KC™ Connection – We provide enhanced corrosion control and pressure containment for coated and lined tubing. This system modifies the “J” area of API connections to accept a fitted Teflon barrier ring which eliminates corrosion and reduces turbulence, thus extending the time between workovers.



9

Line Pipe Connection Systems – These systems improve connection and pipeline integrity by providing continuous coating protection through the ID of the pipe.

- Zap-Lok™ is a safe, mechanical connection system for pipeline systems that eliminates welding, reducing construction time by up to 50%.
- Thru-Kote™ is a welded connection system that utilizes a patented insert sleeve to protect the internal coating during the welding process.

