

CHEMICAL INJECTION PACKAGE

The Chemical Injection Package serves the purpose of injecting a precise and accurate amount of chemicals into a system with the required back pressure, either continuously or intermittently.

The purpose of injecting the chemicals into a system is to protect the mechanical integrity of the system from accelerated corrosion and prevent scale formation. The aim is also to control hydrate formation, prevent oxygen induced corrosion, emulsion breaker for rapid and sharp separation of water from oil, reduce wax formation, water treatment, Odorization, foam control etc.



Good reasons to choose a KS Chemical Injection Package

- Compact Design Costs Less than component based site built which reduces overall project cost
- Minimizes overall dimensions for offshore projects
- Design according to customer requirements, application, standard and design codes
- 3-D Modeling of all packages
- Design Validation
- System Performance Guarantee
- Complete system function testing prior to shipment
- Excellent After sale service
- Maintenance and interface hours reduced.

Standard Features

- Flows from 1 Up To 4000 LPH
- Pressures from 5 Up To 15,000 PSIG
- Heavy Duty API 675 Metering/Dosing Reciprocating Pumps with Packed Plunger Fluid End
- Single/Double Diaphragm Fluid End
- 316 Stainless Steel Materials of Construction

Industry Standards

- Chemical storage tank meet API650 /API620 / ASME Sec. VIII
- Piping/tubing designed to ANSI B31.1/ANSI B31.3
- Structural Steel Assembly Designed to AWS D1 .1

Additional Services

- Installation / Training
- Start-Up Supervision
- Extended warranty
- Customized System



Optional Features

- Remote operation with automatic stroke control of pumps
- Long service life of diaphragm pumps with remote alarm for failure
- High And Low Level Switches
- Skid Drip Pan
- PVC, CPVC Materials Of Construction
- Offshore Paint System
- Chemical storage tank meet UN31A
- Intermediate Bulk Container (IBC)