

CHEMICAL INJECTION SKID



The Engineered Skid Package?

Engineered skid packages or 'pump skid systems' are terms used to describe integrated packages mounted on a common base plate. The package generally includes a mixture of tanks, piping, chemical injection pumps or chemical transfer pumps, instrumentation, valves and other operational hardware. These are generally purpose engineered and built to suit the specific application for the specific project.



Why use Engineered Skid Packages?

Space Saving and Efficient

The advantage of this approach is that, regardless of the pump or general equipment combination, the package can be sized exactly to fit your available space. Using WES'S designed skid systems; equipment will be most accessible, functional and maintainable.

Our skid packaged equipment saves space while maximizing ongoing access for operation and maintenance. To find out how an engineered skid package can improve your business, please give us a call.

Complete Flexibility

At WES, we customize engineered skid packages with complete flexibility in mind. We have developed the systems required to customize any manageable skid package to individual customer and project requirements. The integration of equipment on one easy to manage package ensures that the system will work before it gets to site and once there, will minimize installation costs.

Multidisciplinary packages are offered and previously supplied equipment includes, chemical injection and measuring and monitoring systems

Quality Guaranteed

Water Engineering Services FZE utilizes the most advanced method to transform complex customized designs from concept to reality. By thoroughly working through the design at the concept and development stage, WES avoids fabrication and assembly issues at time of construction and guarantees the future functionality of each engineered skid package.

Solenoid Dosing Pump System



These are solenoid diaphragm pumps used in dosing disinfecting chemicals plus other scores of other chemical. The pumps can be automatic or manual operation and can have all the accessories like relief valve and loading valve mounted on the tanks.

If you have special demands for specifications or design, we are able to provide a wide range of different units. For further information, please Contact WES-FZE

Motorized Dosing Pump Systems

WES' s compact electrically driven chemical transfer unit is built on a carbon steel epoxy coated frame, complete with its own storage tank, suction line, filling flange. All wetted parts in CPVC and UPVC material We supply various models of pumps, but the standard model is a metering pump with hydraulic actuated diaphragm or mechanical diaphragm type dosing pumps.



CHEMICAL INJECTION SKIDS

WES's compact electrically driven chemical transfer unit is built on a carbon steel epoxy coated frame, complete with its own storage tank, suction line, filling flange. All wetted parts in CPVC and UPVC material

WES'S Chemical injection skids are built in SS316 or Carbon steel GRP coated frame with SS316 or GRP spill tray; all wetted parts can have made in SS316/CPVC/PVDF or UPVC.



SULPHURIC ACID DOSING SKID (PVDF)



CALCIUM HYPOCHLORITE INJECTION SKID

HYDRAZINE INJECTION SKID



The package generally includes a mixer, tanks, piping, chemical injection pumps instrumentation, valves and other operational hardware.

The PLC/SCADA based control panel can be provided based on the specific operation and control requirement. These are generally purpose engineered and built to suit the specific application for the specific project.

CHEMICAL INJECTION SKID FOR WASTE WATER TREATMENT SYSTEM



CHILLED WATER CHEMICAL INJECTION SKIDS



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Chemical Transfer skid

The chemical skid in here uses centrifugal pump to pump in the aggressive chemicals into the water /waste water treatment plants & chemicals plants.



Tablet Chlorination -Filtration and Disinfection System (For Swimming pool)



The tablet chlorination system helps to keep pools consistently and accurately delivering the chlorine needed to kill harmful bacteria, control algae and destroy organic contaminants. The easy-to-use calcium hypochlorite table based system is built on advanced engineering.

In addition, if the system is used in conjunction with the Filtration system fitted with state of art chlorine residual analyzer to accurately control the residual chlorine before the water leaves the skid thus makes this the system the ideal choice in all the swimming pool application for automatic PH and chlorine control .

Disinfection- PH- Chlorine - Filtration- Control all on one s kid.

Dosing Accessories



Pressure relief valve



Static Mixer (SS/PVC)



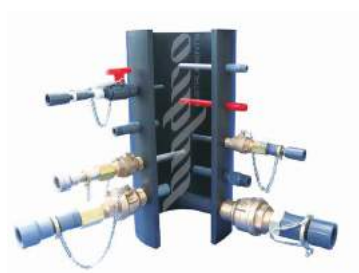
Calibration column



Fume Absorber



Electric Agitator



Injection Quill



Pulsation Dampnerer



To learn more about any of WES's products, services or brands, or to enquire about how WES could improve your business, contact us today on sales@waterengrs.com

Contact:

Middle East Office

P.O Box - 8872

Works Q4 -115

SAIF Zone - Sharjah - U.A.E

Ph : +971 6 5529840

Fax : +971 6 5529841

E-Mail : info@waterengrs.com

Web : www.waterengrs.com



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