



Industrial and refinery equipment



SOIT COMPANY

SOIT International Trading

Import and supply of industrial
and refinery equipment





SOIT COMPANY

About us

Welcome to Soit

Your Trusted Partner for Refinery Equipment

At Soit, we specialize in sourcing and delivering top-quality refinery equipment from China to Iran. With a commitment to excellence and reliability, we ensure that our clients receive the best products to enhance their industrial capabilities.



Soit is a leading procurement company dedicated to meeting the refinery equipment needs of our clients. We take pride in our strong partnerships with reputable manufacturers in China, guaranteeing the highest standards of quality and performance.

Soit operates under the esteemed JH company, a pioneer in the solar system and new energy sectors. JH's expertise in sustainable energy solutions drives our commitment to providing innovative and efficient equipment to our clients.



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❖ Valves

A valve is a mechanical device that regulates, directs, or controls the flow of fluids (liquids, gases, or slurries) by opening, closing, or partially obstructing passageways. It plays a critical role in various systems to manage pressure, flow rate, and direction efficiently.

CAST STEEL GLOBE VALVE



BUTTERFLY DOUBLE
FLAP CHECK VALVE



FILTER PRESSURE
REDUCING VALVE
(TRIPLE PIECE)



ANGULAR TRAVEL
LIMIT SWITCH



FORGED STEEL
WEDGE GATE VALVE



FORGED STEEL
GLOBE VALVE



INTELLIGENT
LOCATOR





Valves:

A valve is a device that regulates, directs or controls the flow of a fluid (gases, liquids, fluidized solids, or slurries) by opening, closing, or partially obstructing various passageways. Valves are technically valves fittings, but are usually discussed as a separate category.

Valves are found in virtually every industrial process, including water & sewage processing, mining, power generation, processing of oil, gas & petroleum, food manufacturing, chemical & plastic manufacturing and many other fields. Valves may be operated manually, either by a handle, lever, pedal or wheel. Valves may also be automatic, These changes may act upon a diaphragm or a piston. Valves are made by a lot of parts as Body, Bonnet, Disc, Ports, Seat, Trim, Stem, Ball and also you most know that all of this parts are not mostly in all type of valves.

What We Can Provide:

Type:

ball valve, Butterfly Valve, control valve, Electric motor, food valves, gate & globe Valves, sanitary valves, actuator accessories, Check valve, Strainer, PLUG VALVE, DIAPHRAGM VALVE.





❖ Pumps

A pump is a device that transfers fluids by converting mechanical energy into hydraulic energy, either by increasing the fluid's pressure or moving it from one location to another.



Diaphragm metering Pumps

Motor-Driven Metering Pumps



Peristaltic dosing Pumps

Plunger metering Pumps



Solenoid driven metering Pumps

Hydraulic diaphragm metering Pumps





Diaphragm Metering Pumps

The hermetically sealed metering units and resistant materials diaphragm process metering pumps enable them to pump aggressive media with ease. But that's not all because maintenance-free and fault-free operation also depends on the quality of the diaphragm, which is always ensures that its products are equipped with extremely durable diaphragms. Diaphragm metering pumps find applications across various industries including water treatment (for adding disinfectants and chemicals), chemical processing (for adding reactants), pharmaceutical manufacturing, food and beverage production, agriculture (for fertilizer and pesticide dosing), and many others.

Motor-Driven Metering Pumps

Motor-driven metering pumps need to be robust, reliable and able to run on their own without supervision. Metering pumps with mechanically actuated diaphragms can be used almost universally in low-pressure ranges. This kind of pump uses in Water and Wastewater Treatment, Chemical Processing, Food and Beverage Industry, Pharmaceuticals, Agriculture, Industrial Processes, Oil and Gas, Laboratory and Research, Textile Industry and Electronics Manufacturing.

peristaltic metering pumps

peristaltic metering pumps ideally combine the benefits of peristaltic pumps and metering pumps. They therefore support batch or proportional flow dosing. They are just as reliable as our other metering pumps, are self-priming and can handle outgassing media with ease.

This kind of pumps uses in Waste water treatment, Potable water treatment, Foodstuffs industry, Paper industry, Cooling circuits and Plastics production.





Plunger metering pumps

Plunger metering pumps are a type of positive displacement pump that use a reciprocating plunger to displace a precise volume of fluid with each stroke. Plunger metering pumps are essential in numerous industries due to their ability to deliver precise and reliable fluid dosing. This kind of pump uses in Water Treatment, Chemical Processing, Oil and Gas, Food and Beverage and Pharmaceuticals.

Solenoid-Driven Metering Pumps

A solenoid moves the solenoid shaft forwards and backwards by switching on and off. This stroke movement is transferred to the diaphragm in the dosing head. Two check valves prevent the feed chemical from flowing back during pumping. This kind of pump uses in Water and Wastewater Treatment, Chemical Processing, Food and Beverage Industry, Pharmaceuticals, Agriculture, Industrial Processes, Oil and Gas, Laboratory and Research, Textile Industry and Electronics Manufacturing.

Hydraulic Diaphragm Metering Pumps

Hydraulic diaphragm metering pumps are a type of positive displacement pump that use hydraulic fluid to actuate the diaphragm. Hydraulic diaphragm metering pumps are used in applications requiring precise and reliable dosing of chemicals or fluids. Common industries include water treatment (for adding disinfectants and coagulants), chemical processing (for adding reagents), oil and gas, pharmaceutical manufacturing, and agriculture (for fertilizer and pesticide dosing).





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❖ Membrane

A water membrane is a semi-permeable membrane designed to allow certain molecules or ions to pass while blocking others. It is widely used to separate salts, chemical pollutants, bacteria, and suspended particles from water in various filtration systems.



Reverse Osmosis (RO) Membranes



Nanofiltration (NF) Membranes



Ultrafiltration (UF) Membranes



Microfiltration (MF) Membranes



Membrane:

Reverse Osmosis (RO) Membranes:

- These membranes are designed to remove salts, heavy metals, and dissolved contaminants from water.
- RO uses high pressure to force water through the membrane, leaving impurities behind.

Applications:

- Desalination of seawater and brackish water
- Drinking water production
- Pharmaceutical industries and power plants

Nanofiltration (NF) Membranes:

- NF membranes remove larger molecules, such as organic compounds and calcium and magnesium ions.
- They are typically used to reduce water hardness and organic content.

Applications:

- Municipal water treatment
- Pre-treatment for RO systems





Ultrafiltration (UF) Membranes:

- UF membranes remove larger contaminants, such as bacteria, viruses, and colloids.
- They operate at lower pressure compared to RO membranes and are often used as a pre-treatment step.

Applications:

- Surface water treatment
- Drinking water filtration
- Food and beverage industries

Microfiltration (MF) Membranes

- MF membranes filter suspended particles and turbidity but are not effective in removing dissolved salts.

Applications:

- Physical water filtration
- Food and dairy industries
- Initial filtration in industrial processes





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lighting



**BPC(BPE)8767 EXPLOSION-
PROTECTED (EMERGENCY) LED
PENDANT LIGHT FITTING**

Voltage:220V&230V&240V/IP66
/Power:30W & 50W/Weight:3kg



**BFC8616 EXPLOSION-PROTECTED LED
FLOODLIGHT/BLC8616 EXPLOSION-
PROTECTED LED STREETLIGHT**

Voltage:100-277V /IP66/Power:100W
& 150W/ Weight:10kg



**BFC8115A EXPLOSION-
PROTECTED LED FLOODLIGHT**

Voltage: AC 220V&230V&240V
DC 24-36V/IP66/Power:50W &
100W/ Weight:3.5kg & 7kg



**BFC(BFE)8412 EXPLOSION-
PROTECTED (EMERGENCY) LED
LIGHT**

Voltage: AC 110-277V
DC 110-250V/IP67/Power:50W /
Weight: 4.8kg & 5.7kg



**BFC8117 EXPLOSION-PROTECTED
LED FLOODLIGHT**

Voltage: AC 220V&230V&240V
/IP66/Power:200W & 400W/
Weight:10kg & 22kg



**BFC(BFE)8411-EXPLOSION-
PROTECTED (EMERGENCY) LED
FLOODLIGHT**

Voltage: AC 220V&240V
/IP67/Power: 50W



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❖ **MaxVert**



MaxVert S - 1400 - 10K - M

Medium voltage drive family

Product series

Voltage: -10K (10kV), -06K(6kV)

Rating: kVA

Bypass features: -M (manual),
-A (automatic)

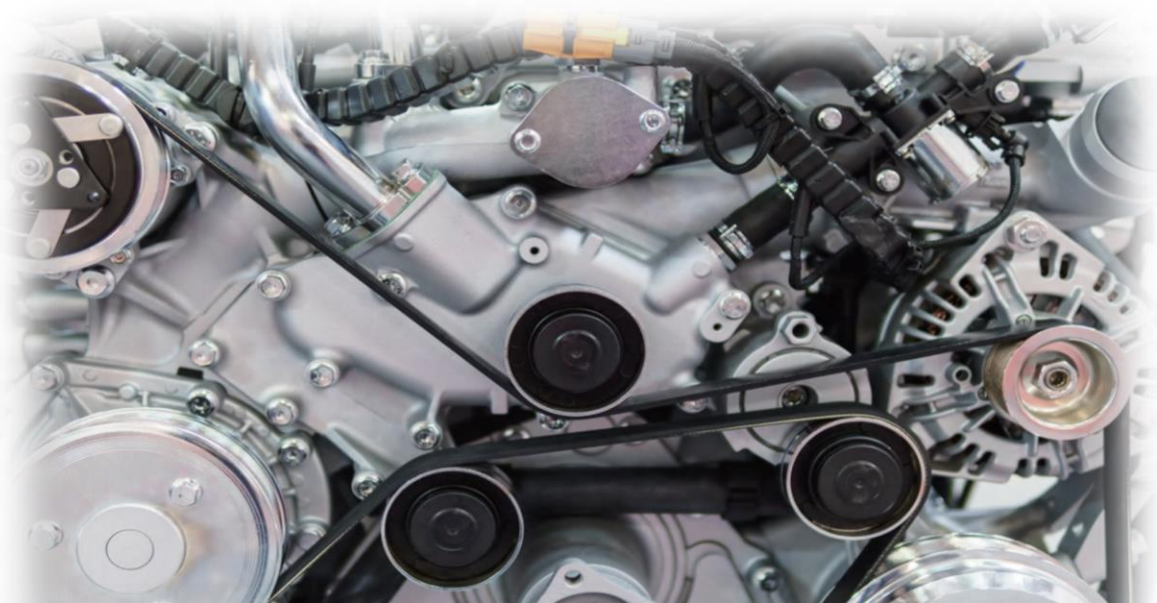


Medium Voltage Inverter

The KTKMaxVert medium voltage drive is a product of Control Techniques' nearly 50 years of professional experience in the drive field. It uses the world's most advanced flux optimization space and vector sine wave PWM control technology to provide customers with green harmonic-free medium voltage motor variable frequency speed regulation equipment.

This product is a medium voltage inverter directly connected in series, with V/F control mode, vector control with/without speed sensor, and has the following features:

1. The output power is clean and stable, no pollution to the power grid and kind to the motor
2. Adopt multiple practical technologies, high cost performance
3. High efficiency, high stability and high reliability
4. The energy-saving effect on loads such as fans and water pumps is significant.





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