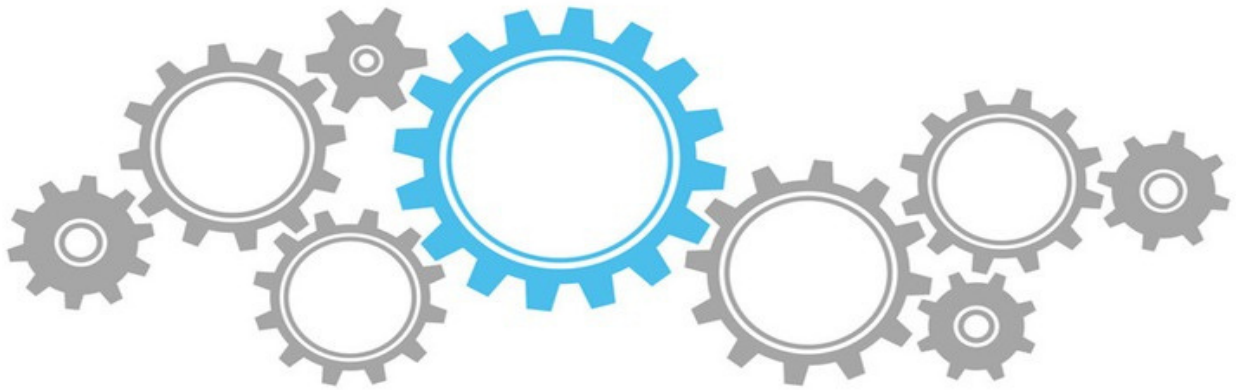




Engineering Solutions

Delivering Engineering Excellence

COMPANY PROFILE



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www.es-world.com.pk



Plot No. 189/A, Third Floor, Office No. 308, Port-Way Trade Center, SMCHS, Shahrah-e-Faisal, Karachi, Pakistan.

We built our successful business based on
TRUST I COMMITMENT I PROFESSIONALISM



By identifying a need in the marketplace for Mechanical Engineering services that could be 'bought' in, Engineering Solutions® created the platform from which to develop the business further.

We have developed ourselves into one of the leading trading and distribution companies in Pakistan for

Engineering industry. We are now representing some of the most reputed brands in the industry providing excellent quality and most technological equipment and raw material.

On the approved list as Engineering Products Supplier in many Govt. and Semi-Govt. departments, leading industries like HVAC, Oil Refineries, Oil Industries, Sugar Mills, and Cement factories, Power, Pharmaceutical, we regularly fulfill their engineering and technical product requirements promptly.

ABOUT US

Engineering Solutions® is a multi-disciplinary expanding company delivering state-of-the-art engineering products and installation services across Pakistan in its main high-performance sectors including Oil & Gas, Petrochemical, Textile, Automobile, Steel mills, Pharmaceutical and HVAC. As a top-tier provider of sales and installation services for heating, ventilation, and cooling systems.

Our aim is introducing latest technology and innovative products developed by the prestigious manufacturers we are in close collaboration in Pakistan.

VISION

Our Vision is to become a leading Engineering equipment supply and installation services company in our industry, offering clients complete satisfaction and delivering the best value and most cost effective services based on quality, reliability and trust.

Our Core Values:

Solidity - Trust - Teamwork - Customer Satisfaction



INDUSTRIAL & FIRE FIGHTING EQUIPMENTS

In line with our key objective to serve the industry, we maintain our focus "CLOSER TO THE CUSTOMER IS KEY TO SUCCESS". We represent selected number of world-renowned manufacturers, suppliers specialized in serving various industrial Products, fire fighting system and Services, for the Oil & Gas, Petrochemical, Water and Electricity and utilities sector.

VALVES & PUMPS



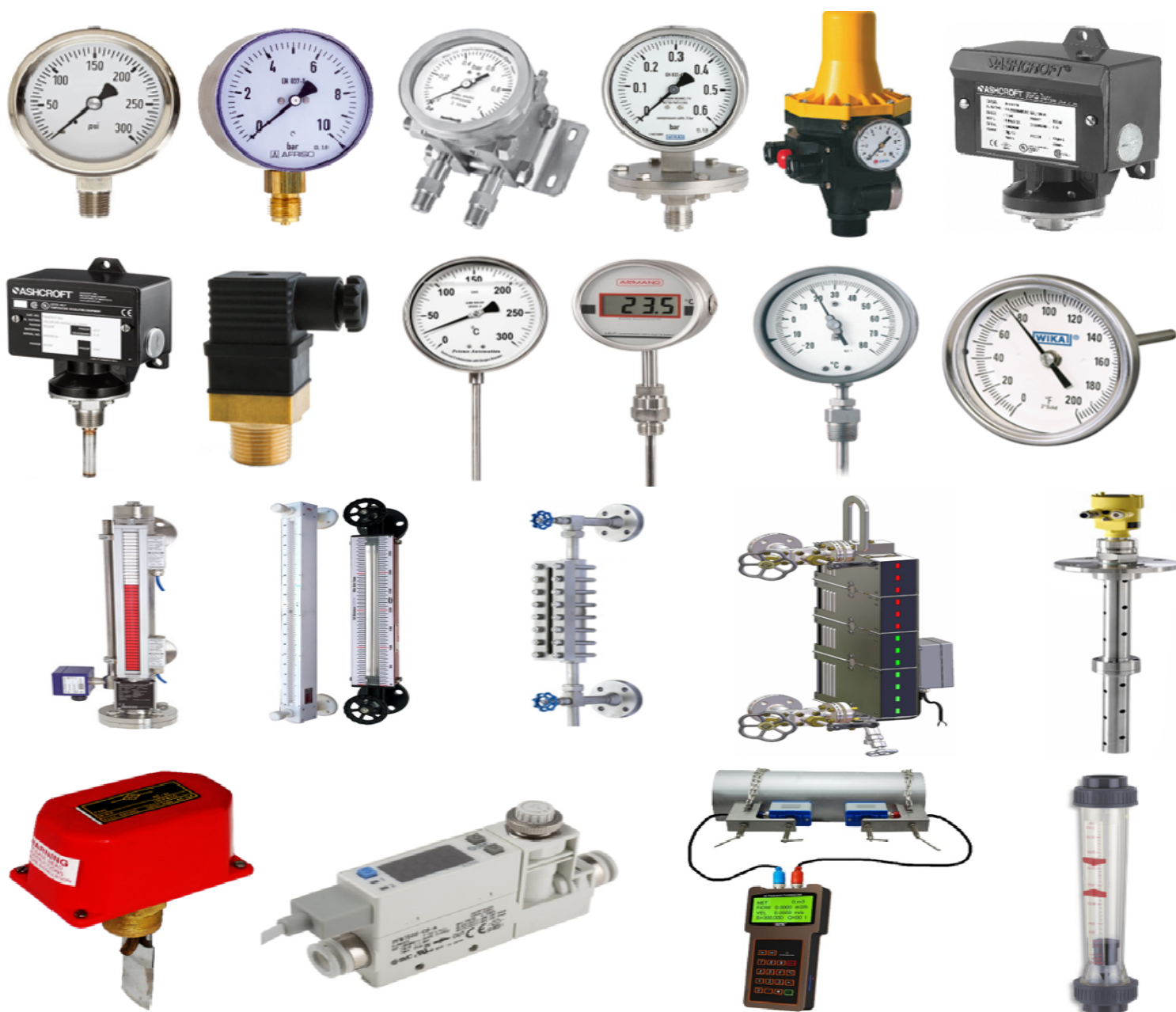
FIRE SUPPRESSION SYSTEM





INSTRUMENTATION & CONTROL INSTRUMENTS

Engineering Solutions maintains a huge, on-demand inventory of process control equipment and various types of instrumentation which are used to measure variables including **temperature, gas and fluid flow rates, fluid levels, pressure, and pH in production and manufacturing settings.** These instrumentation and process control products include flow, pressure & level sensors, detectors and analysers, controllers, monitoring systems, and much more. As leading industrial control distributors, we stock high quality, high-performance products from some of the industry's most trusted manufacturers.





LIQUID AND GAS FLOWMETERS

Engineering Solutions is the market leader in marketing and selling engineered liquid and gas flow meters. Well known for their modular design, high performance and superior quality, Our principle's full line flow meters as well as accessories such as displays, counters and indicators ensure every customer receives the most suitable flow meter for any application.





AIR COMPRESSOR SPARE PARTS

Engineering Solutions aims to stock all relevant spare parts necessary for maintenance of our customers' Air compressors. We continuously update our stock and are able to deliver original spares for all kinds of products. We offer Atlas Copco ,Bolaite, KaiShan and Ingersoll Rand air compressor's all line original spare parts to our valued customers.



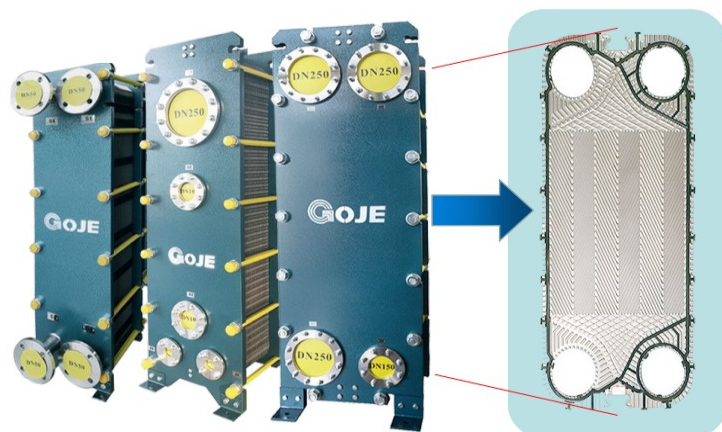


PLATE TYPE HEAT EXCHANGERS

The plate type heat exchanger is the most efficient type of heat exchanger with its low cost, flexibility, easy maintenance, and high thermal transfer. **Our Supplier's** plate corrugations are designed to achieve turbulence across the entire heat transfer area. This produces the highest possible heat transfer coefficients with the lowest possible pressure drop, allowing for close temperature approaches. Subsequently, this leads to a smaller heat transfer area, smaller units and in some cases, fewer heat exchangers. This benefits the customer tremendously by requiring less space, reduced secondary flow rates and smaller pumps.

1. Plate Material & Scope of Application

S30408\S31603	Purified water, river water, edible oil, mineral oil
Titanium and titanium palladium	Seawater, hydrochloric acid, phosphoric acid
Hastelloy	Concentrated brine, brine, phosphoric acid
Nickel	High temperature, high concentration caustic soda
Molybdenum	Dilute sulfuric acid, dilute salt compound aqueous solution, inorganic aqueous solution



2. Gasket Material & Application Scope & Temperature

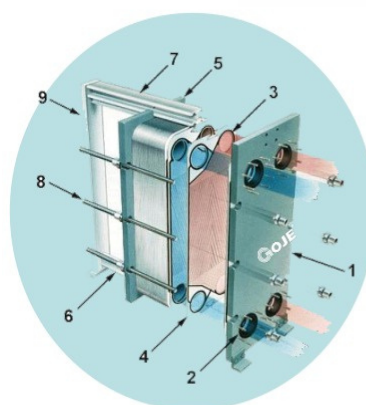
NBR	Water, sea water, mineral oil, salt water	-15~120°C
EPDM	Hot water, steam, acid, alkali	-25~140°C
Fluororubber	Acid and alkali fluid	-5~200°C
Silicon rubber	Food, oil, fat, alcohol	-65~180°C

3. Frame Material

General	Carbon steel
Special	All stainless steel

4. Interface Material

General	carbon steel, 304, 316
Special	Hastelloy, titanium, other alloys



- 1 Fixed hold down plate
- 2 Interface
- 3 Gasket
- 4 Plate
- 5 Movable pressing plate
- 6 Lower guide rod
- 7 Upper guide rod
- 8 Compression screw
- 9 Front strut



AIR-CONDITIONING & VENTILATION

Engineering Solutions is an industry leader in sales and installation services of heating, ventilation & cooling distribution offering the equipment, parts and supplies you need for commercial and residential heating and air conditioning projects. As HVAC supply professionals, our associates offer unique advantages over the competition with premium HVAC equipment, parts, tools, product knowledge and business solutions.

Chillers



Packaged Units



FCUs



AHU



Split Unit



Jet Fan



VRF



Ventilation Fan





INDUSTRIAL FITTINGS, PIPES & INSULATION



CLIENT'S

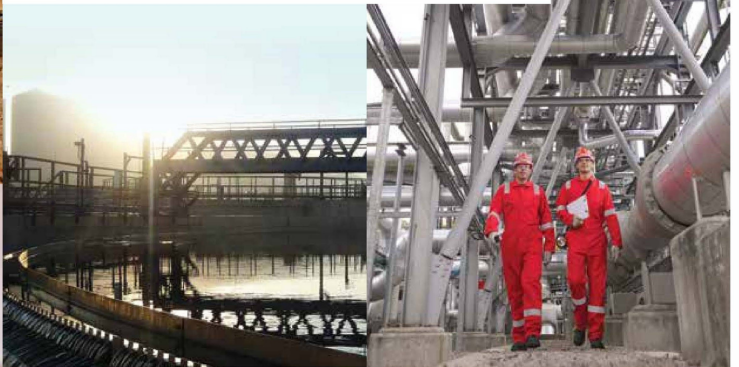
Since its establishment, Engineering Solutions® has been eager to penetrate the market offering its services to our valued clients. These relationships have developed through the long years of our engineers and our clients working with common goals





We've got you covered

Engineering Solution's expertise and knowledge extends well beyond the products we offer. We're about helping you achieve efficient and effective control of your machines and processes no matter what the industry or application.



Affiliations



Engineering Solutions

Delivering Engineering Excellence

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