

# Smart Energy\*

**We Represent The Best Innovative Technologies in The World**



**Hydrogen electrolyzer plants**

[Learn more](#)

**Energy Ancillaries :  
Heat exchangers,  
separators, and others**

[Learn more](#)

**Chemical Solutions:  
Fouling, waste  
treatment, and others**

[Learn more](#)

for posting your production

**More Than 30  
Energy Products &  
Parts In one place**

# TABLE OF CONTENTS\*

About Fosters Energy

---

03

Innovative Products we Present

---

04

Our services we provide

---

13

Our spare parts we offer

---

15



# Fosters Energy Solutions for Energy Industry

Our professional staff includes more than 15 years experience in flow equipment, thermal exchangers, separation, electrical and other technologies in marine industry. We have certified expert engineers in supplying high quality spares, products, energy audit, and service audit by leveraging our experience and our strong network of international manufacturers and service partners.

Nowadays, all heavy industries are looking to run their process in efficient way. So, they invested in changing their old technologies by new upgrades or technologies that save energy and reduce their operation cost. At Fosters Energy, we understood the world demand for using environment friendly technologies, and we adopted a strategy of promoting reliable solutions that save energy.



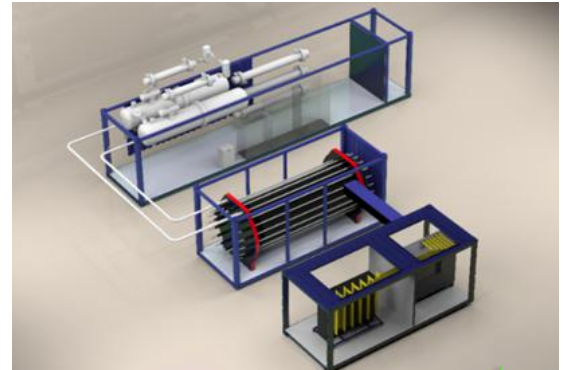
## Products We Present

---



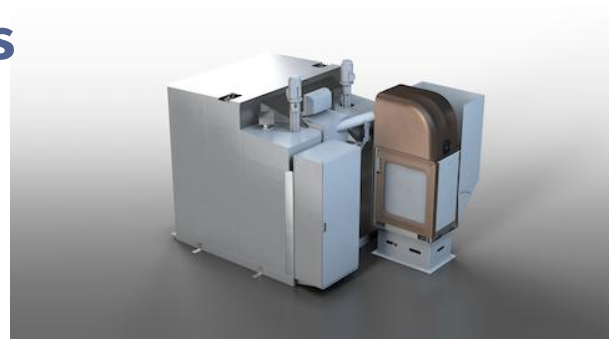
### Hydrogen Plants Manufacturing

Manufacturers of hydrogen electrolyzer plants through container-type, super-large capacity, single-stack hydrogen production technologies



### Solar System Batteries

Efficient Technology that replace the conventional Solar Batteries. The life time of the Battery is 35 years and can work for up to 12 hours



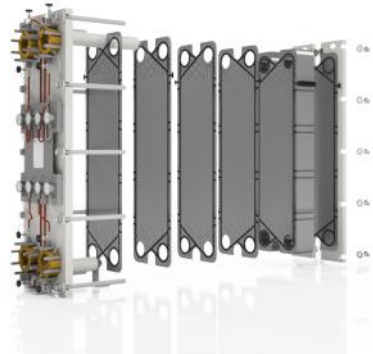
## Products We Present

---



### Plate Heat Exchanger Unit:

Supply complete gasketed plate heat exchanger for lube oil cooling and other applications.



### S&T heat exchangers:

High pressure and temperature shell and tubes heat exchanger replacements.



### Electric Heaters:

Supply Electric heaters, shell and tube heat exchangers that use electric power which is converted to heat for various applications





## Products We Present

---



### Fin Fan Air Cooler:

heat exchangers design and manufacture a wide range of API Air coolers, such as refinery, petrochemical, and compression stages.



### Vessels

Fabricate all vessels according to different applications with API standards



### Three Phase Separator

Design and manufacture all the different section of Gas phase, Light Liquid and Heavy Liquid Phases separators to meet the required performance.



## Products We Present

---



### Electro Chlorination Packages

design and installation of Electro-Chlorination Systems to produce Sodium Hypochlorite for Offshore platforms, large Desalination Plants, Power Stations, Refrigeration Plants and Petrochemicals Plants.



### Steam line and traps

Complete range of steam traps and steam manifold equipped with universal connections trap stations. Customized condensate lift pumps



### Mass flow rate

For fuel load and fuel consumption measurements with the implementation of the monitoring reporting verification regulation MRV 2015/757 in the EU.



## Products We Present

---

### > All type of valves:

Supply all types of valves, gates, globes, butterfly, ball, etc. from the stock.



### > Flame Arrestor and tank equipment:

Provide a vast range of Flame Arrestors, Valves (pressure relief, vents), and Tank Accessories (gauging and sampling equipment, floating suction unit, roof tank equipment)

### > All type of filters:

Single, duplex, and self-cleaning automatic or basket filter with several housing sizes for oil and water applications. Gas treatment applications.





## Products We Present

---

### > All type of fittings:

Supply all type of fittings, bolts, and nuts



### > All type of pipes:

We supply all pipes type with different sizes (Boilers tubes, furnace tubes, heat exchangers tubes, and pipes)

### > Expansion Joints

Fabric, Metal, and Rubber Single or Multiple Layer expansion joints. Limitless Dimensions. Design, Temperature up to 1 200°C



## Products We Offers

---



### Wire Ropes:

Rope Dia. ranging from 06mm up to 128mm, 90% of wire rope requirements for customers can be readily serviced from stock inventory of 2000+ MT of wire ropes for different applications



### Ropes:

Supply marine ropes from stock that offers increased strength and resistance during critical activities, to give ship operators full confidence in performance.



### Offshore- Onshore Hoses

All types of hoses including the floated hoses



## Products We Present

---



### All type of Electrical cables:

The cables are tested in accordance with global standards (IEC 60331 - test of the continuity of insulation in case of fire, IEC 60332 - IEC 61034 IEC 60754



### Customized Panels:

Design, modify, and manufacture electrical panels for retrofitting and for new builds

## Products We Present

---



### Lobe and Cavity Pumps

Heavy duty Lobe and cavity pumps for high viscous and sludge applications



### Centrifugal Pumps and motors:

Supply vertical and horizontal centrifugal pumps and motors for the different application on ships



### Centrifugal Plastic Pumps:

Supply vertical and horizontal centrifugal Plastic and lined pumps for chemical and slurry applications



## Services We Present

---



### **Turbine & compressors overhaul**

Provide a complete turnkey overhaul for turbomachinery including turbines and compressors



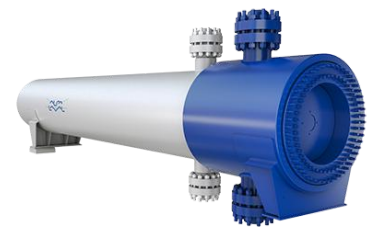
### **Plate heat exchanger Maintenance**

Provide complete overhaul of plate heat exchangers including gasket replacements, water jetting, and chemical cleaning.



### **S&Ts Maintenance and inspection**

Provide complete maintenance for the high pressure S&Ts including grinders, welders, and project manager. inspections like eddy current test, radioactive test s, IRISH test, etc





## Services We Present

---



### **Chemical Decontamination & cleaning products**

Decontaminating oil & gas, petrochemical, and refineries process before the turnarounds to reduce the stoppage time by using special chemicals and procedures or our mobile waste treatment sytem.



## Spare Parts We Present

---



### **Turbine & compressors spares**

Spare parts Provider for turbomachinery and rotating compressors with high quality, speed, and reliability for other OEM



### **High Speed Separators:**

Supply high quality Westfalia/ GEA, Alfa Laval, Mitsubishi (MKK) spare parts



### **Pumps spares:**

Supply spare parts for IMO pumps and other centrifugal pumps



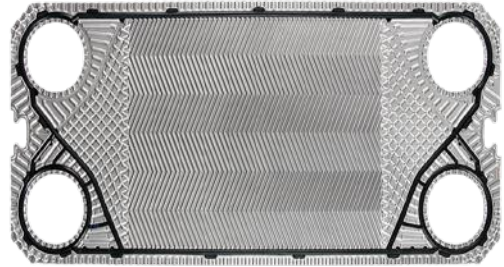
## Spare Parts We Offer

---



### Gasketed Plate Heat Exchanger:

Supply high quality plates and gaskets for Alfa Laval, GEA, Kelvion , APV, and other manufacturers



### High Pressure Spare

Fabricate high pressure static equipment spare parts for S&Ts.



Fosters Energy  
Protect the environment



120, One Kattamya, Flat 77, Seven Floor, Kattamya, Cairo, Egypt  
[info@fostersenergy.com](mailto:info@fostersenergy.com)  
[www.fostersenergy.com](http://www.fostersenergy.com)