



Company Profile



Future Mechanics Trading Co.

Salah Ad Din Street, Malaz, Riyadh, Saudi Arabia P.O. Box 28027 Riyadh 11437.

OVERVIEW:

Future Mechanics Trading Co.

Fu-Mech company was established in the beginning of 2010 in Riyadh, Saudi Arabia, specialized in supplying fittings and valves and mechanical materials and fire protection equipment as well as the fire fighting system accessories for new projects and renovations.

Our highly skilled engineers and technical team can provide technical support through studying specifications design, selection and recommendations, as well as we have a mechanical department to handle our products for the projects and a showroom for retail sales.

❖ CORE VALUES:

Customer oriented, quality focused, thriving through innovations, achieving win-win through cooperation, Our success is derived from customer satisfaction through:

- ❖ High quality products.
- ❖ Delivery time commitment.
- ❖ Good stock quantities.

❖ MISSION STATEMENT:

To provide safe and reliable products and complete solutions to customers in the field of firefighting across the Kingdom of Saudi Arabia.

❖ ENTERPRISE VISION:

To be a modern enterprise with organic growth where the employees enjoy their work and are admired.

OUR MAIN SCOPE OF SUPPLY:

1. MECH Ductile iron Grooved fittings:

Ductile iron grooved piping system is reliable and is faster to install than welding, threading or flanging, resulting in lowest installed cost. It can be adopted to suit standard pipe with cut grooves or standard and light wall pipe with rolled grooves. We are the exclusive agent of the **MECH** brand ductile iron grooved fittings which has the UL/FM certificates.



2. MECH Malleable iron threaded fittings:

Threaded black steel fittings connect to black steel and black iron pipe for transporting gas and water, protecting electrical wiring, or delivering high-pressure steam and air. Uncoated black steel and iron fittings, also called black malleable iron fittings, are made from corrosion-resistant ungalvanized steel with a scaly, dark-colored iron oxide coating. These fittings are used in piping systems to change direction or connect to equipment or devices. Threaded fittings twist onto pipe using various male and female thread connections including NPT (National Pipe Thread) or BSPT (British Standard Pipe Taper). Threaded fittings come in a variety of sizes and shapes. We are the exclusive agent for **MECH** brand name of Malleable Cast Iron threaded fittings which has the UL/FM certificates.



3. MECH Valves:

The valve is mainly used to connect and cut off the medium in the pipeline by rotating the stem. Its transmission thread is inside the body cavity, which can save installation space. We are the exclusive agent for the **MECH** brand of ductile iron valves for firefighting & waterworks purposes which has the UL/FM certificates.



4. MECH Brass Valves:

Brass Valves are used in Residential and Commercial Plumbing, Water Well, HVAC and many other applications. Basically, as long as there are no high corrosive properties in what is going through the valves, generally speaking, Brass is a great material to utilize. which can save installation space. We are the exclusive agent for the **MECH** brand of brass valves for waterworks purposes.



5. MECH Flexible Hose for Sprinkler Connection:

The SS Flexible Hose sprinkler is intended to connect the branch line to the sprinkler head by utilizing a flexible stainless steel hose assembly and steel bracket assembly. We are the exclusive agent for **MECH** brand name of SS Flexible hose for sprinkler connection Unbraided and Braided which has the UL/FM certificates.



6. MECH Malleable iron Pipe Clamps:

Pipe Clamp fittings can be used for a multitude of uses, the more typical uses being safety barriers and hand railing systems, but on the flip side they are also used for furniture, decoration, sculptures, frameworks, greenhouses, play parks, trolley bays, multi gyms, pull up bars, and more.



7. Fire Systems Products:

We are the exclusive agent of **DUYAR** brand manufactured in Turkey:

I. DUYAR Sprinklers.

Duyar sprinkler is easy to use and extremely safe. Sprinkler is placed on the specially designed piping system such that it covers the area requiring protection. One of the most significant components of the sprinkler, the fluid in the glass tube expands and goes off due to the temperature generated by fire. Because the ambient temperature exceeds the maximum expected ambient temperature by 30°C during fire, the maximum ambient temperature of the sprinkler should be chosen to be at temperatures above 30°C. Once the glass tube of the sprinkler above the fire, the water under pressure hits the deflect and sprayed over fire. Only the sprinkler heating up during fire goes off, thereby releasing water.

II. DUYAR Test & drain valve.

It is used to conduct testing and maintenance on sprinkler systems. With the orifice in different sizes inside, it creates a flow equivalent to the flow passing along one sprinkler only and enables tests of alarm devices on the lines for checking purposes in the case of sprinkler water flow. The orifice diameters of the smallest sprinkler and the test drain valve in the system should be equal. It is also used as a drain valve to discharge water in the piping by changing the position of the valve. There is a sight glass to observe the flow.

III. DUYAR Wet alarm check valve.

The DUYAR wet alarm valve is designed for applications where the water is unlikely to freeze. The water staying pressurized in the pipes is released over the fire area after the sprinkler is activated due to fire. The pressurized water system is not only feed continuously, but also fills in the retard chamber. After the chamber is filled, the pressure switch on the chamber is actuated. The pressure switch sends the alarm information to the fire warning system or the automation system. After the pressure switch is actuated, the water is delivered to the water-motor gong and releases a mechanical alarm.



QUICK OVERVIEW:

Inheriting originality and striving for excellence "MECH" brand products have been widely used in many huge and mega projects such as:

- ❖ Burj Khalifa, Dubai. (The tallest building in the world)
- ❖ New World Trade Center Tower, New York.
- ❖ Shanghai Tower, China.
- ❖ Medical City, Riyadh.
- ❖ DAMAC Towers, Riyadh, Saudi Arabia.
- ❖ Shanghai Disney Resort, China.
- ❖ Dozens of UHV transmission lines such as Ningxia-Zhejiang.
- ❖ Beijing-Shanghai high-speed railway, China.
- ❖ Also in many International airports such as Beijing Daxing international airport and Football stadiums such as "Cape Town Stadium" in South Africa and Bursa Stadium in Turkey ... and many more locally and globally.

OUR APPROACH TO PRODUCT DEVELOPMENT:

Adhering to the customer-centered product development and innovation concept, to meet and guide the growing needs of users, to provide safe and reliable products and smart and complete solutions for clients in providing quality products across the country, **Fu-Mech Co.** has become a leading trading company in the field of trade, operates in compliance, keeps growing, insists on sharing development results with customers, employees, community, and strives to be a happy and respectable company.

OUR MAIN PRODUCTS CATALOGS:



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