



Company Profile.



BRISTOL

FIRECOM
The aerosol fire extinguisher
MADE IN ITALY

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Future Mechanics Trading Co. | Fu-Mech

Salah Ad Din Street, Malaz, Riyadh, Saudi Arabia P. O. Box 28027 Riyadh 11437.1



شركة مستقبل الميكانيكا للتجارة Future Mechanics Trading Co.

OVERVIEW:

Future Mechanics Trading Co.

Fu-Mech, established in early 2010 in Riyadh, Saudi Arabia, specializes in supplying fittings, valves, mechanical materials, and fire protection equipment for new projects and renovations. Our skilled engineers and technical team offer design, selection, and recommendation support. We also have a mechanical department for project handling and a showroom for retail sales.

❖ OUR VISION:

To be, within ten years, one of the top ten suppliers of fire extinguishing and safety materials for contracting companies in the Kingdom of Saudi Arabia.

❖ OUR MISSION:

To supply all high-quality fire and safety extinguishing materials to contracting companies in the Kingdom of Saudi Arabia promptly and professionally.

❖ OUR GOALS:

- ❖ Continuous search for the best materials to provide our customers with.
- ❖ Continuing to provide the high quality of our services at a very fast speed.
- ❖ Continuous search for everything that achieves the satisfaction of our customers.
- ❖ Continuously increasing the number of our customers.
- ❖ Expanding the geographical range of our presence in the Kingdom of Saudi Arabia.
- ❖ Attracting highly qualified professionals to improve the quality of performance.
- ❖ Creating an ideal work environment for all our employees.

❖ Fu-Mech's MAIN VENDOR ID APPROVALS:



ID: 10112935



ID: 19763



ID: 2005749

OUR MAIN SCOPE OF SUPPLY:



1. MECH Ductile Iron Grooved Fittings:

Ductile iron grooved piping systems are reliable and faster to install than welded, threaded, or flanged systems, offering the lowest installation cost. They suit standard or light wall pipes with cut or rolled grooves. We are the exclusive agent for **MECH** brand ductile iron grooved fittings, certified by UL/FM.



2. MECH Black Malleable Iron Threaded Fittings:



Threaded black steel fittings connect to black steel and iron pipes for gas, water, electrical wiring, high-pressure steam, and air. Made from corrosion-resistant ungalvanized steel, these black malleable iron fittings have a dark iron oxide coating. They change direction or connect pipes using NPT or BSPT threads and come in various sizes and shapes. We are the exclusive agent for UL/FM certified **MECH** brand malleable cast iron threaded fittings.



3. MECH VALVES:



The valve connects and cuts off the pipeline medium by rotating the stem, with the transmission thread inside the body to save space. We are the exclusive agent for UL/FM certified MECH brand ductile iron valves for firefighting and water supply. Additionally, brass valves are ideal for residential and commercial plumbing, water wells, HVAC, and more, as long as the medium is non-corrosive. We are the exclusive agent for MECH brand brass valves for waterworks.



4. 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.



5. FIRECOM AEROSOL:



Firecom Aerosol is a 100% Italian-made brand that utilizes aerosol technology in its modern fire extinguishing systems. This cutting-edge technology produces fire-extinguishing materials in the form of very fine particles suspended in the air. Upon activation, these fine particles are dispersed into the targeted area, effectively reducing the oxygen concentration and rapidly cooling the area to extinguish the fire.

Firecom's aerosol technology offers several significant advantages, including:

- ❖ **Quick response:** Firecom systems can be activated immediately upon detecting a fire, significantly reducing response time and minimizing potential damage.
- ❖ **Minimal side effects:** Firecom aerosol systems do not leave chemical residues after extinguishing a fire, reducing pollution and subsequent damage.
- ❖ **High fire suppression capability:** Firecom systems are effective against a variety of fire types, including electrical and thermal fires.



6. BRISTOL PRODUCTS:

BRISTOL

A. **BRISTOL FIRE PUMPS:**

1. Horizontal Split Case:

Bristol Split Case Pump is a single stage, non-self-priming, centrifugal volute pump with radial suction and discharge port.

Performance Range:

- ❖ Capacity: From 300 GPM up to 3000 GPM.
- ❖ Head: From 50 MTR up to 209 MTR.



2. Horizontal End Suction:

This pump is designed with the latest technology and has premium components for easy maintenance and absolute efficiency.

Performance Range:

- ❖ Capacity: From 50 GPM up to 1000 GPM.
- ❖ Head: From 50 MTR up to 209 MTR.

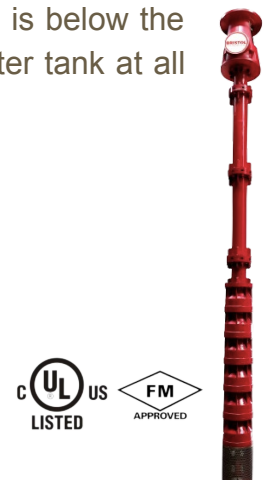


3. Vertical Turbine:

It is used for any underground water source where the water level is below the ground level. The pump's impeller remains submerged with the water tank at all times and supported by column pipe.

Performance Range:

- ❖ Capacity: From 200 GPM up to 1500 GPM.
- ❖ Head: From 50 meters up to 210 meters.



B. BRISTOL FIRE DOORS:

Certified and UL listed Fire Rated Doors for ultimate protection and peace of mind. As leading fire rated door manufacturers in Dubai, UAE, BRISTOL Fire Engineering prioritizes safety and durability. These doors are designed to comply with international standards, providing reliable fire door solutions for various premises.

The selection includes:

- ❖ Honeycomb Fire-Rated Doors.
- ❖ Rockwool Fire Rated Doors.
- ❖ Glazed Fire Rated Doors.
- ❖ Wood Finish Fire Rated Doors.
- ❖ Special Purpose Doors.



C. BRISTOL FIRE SUPPRESSION SYSTEM:

1. FM 200 Fire Suppression System:

HFC-227ea is a clean, gaseous agent containing no particles or oily residues. It is produced under ISO 9002 guidelines to strict manufacturing specifications ensuring product purity. HFC-227ea leaves no residue or oily deposits on delicate electronic equipment, and can be removed from the protected space by ventilation.



2. Kitchen Fire Extinguishing System:

The Bristol Kitchen Fire Extinguishment System utilizes Extinguishing Agent liquid fire extinguishing agent specifically designed for grease laden fires such as those associated with commercial cooking areas.



8- ANSUL Restaurant Fire Suppression System:



The ANSUL® R-102 Restaurant Fire Suppression System is an automatic, pre-engineered, fire suppression system designed to protect areas associated with ventilating equipment including hoods, ducts, plenums, and filters. The system also protects auxiliary grease extraction equipment and cooking equipment such as fryers; griddles and range tops; upright, natural char-coal, or chain-type broilers; electric, lava rock, mesquite, or gas-radiant char-broilers.



7. Firefighting Systems Products & Accessories:



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

A. **DUYAR Sprinklers.**

DUYAR Sprinklers are easy to use and ensure safety. They cover protected areas and activate when exposed to fire-generated heat.



B. **DUYAR Test & Drain Valve.**

The DUYAR Test & Drain Valve facilitates testing and maintenance, simulating single-sprinkler flow and enabling alarm device checks. It doubles as a drain valve with a sight glass for flow observation.



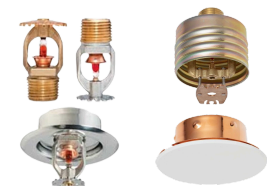
C. **DUYAR Wet Alarm Check Valve.**

The DUYAR Wet Alarm Check Valve, for non-freezing environments, releases water upon sprinkler activation and features a pressure switch for alarm signaling and triggering a mechanical alarm.



❖ TYCO Fire Protection:

- A. TYCO Sprinkler , Nozzles and Accessories.
- B. TYCO Deluge and Preaction Systems.



8. NU - PIPE HANGER & SUPPORT:



The finished bracing is a modern alternative to traditional angled iron supports in building construction, used for mechanical and electrical installations such as plumbing, fire control, HVAC, and electrical systems.

Key features of NU's finished bracing include:

- ❖ Serrated edges for shear, slip, and shock resistance.
- ❖ Made from Q235B material with a corrosion-resistant galvanized surface.
- ❖ Galvanized zinc layer: >10um, hot galvanized layer: >65um.
- ❖ Prefabricated for easy on-site assembly, adjustable and reusable.
- ❖ Flexible, labor-saving assembly with no welding or drilling required.
- ❖ Tested for reliable quality.
- ❖ Space-saving, aesthetically pleasing design.

Meide Archung's technical team offers professional consultation, detailed construction drawings, pipeline support planning, load calculations, material optimization, and full construction process tracking to ensure successful installation and delivery.



9. HVAC Valves and Accessories:

A. Hattersley Valves:

Hattersley designs and manufactures a wide variety of general valves, including ball, butterfly, check, gate, globe & Press-Fit valves.



B. Frese Control Valves:

Frese Control Valves optimize HVAC flow and pressure, boosting energy efficiency and ensuring precise water flow for balanced system performance.



C. ECI Valves:

Renowned Italian brand offering a range of high-quality HVAC valves and accessories.



D. Belimo Control Valves:

Belimo offers pressure-dependent (globe, ball, butterfly) and pressure-independent valves (PIQCV, ePIV, Belimo Energy Valve). These valves optimize flow control, enhance energy efficiency, and reduce maintenance costs.



E. Winter Pressure Gauges and Thermometer:

Winter Pressure Gauges and Thermometer: Devices for monitoring pressure and temperature during cold weather conditions.



F. WIKAL Pressure Gauges & Thermometer:

Reliable tools for accurate monitoring of pressure and temperature.



G. WATTS Valves & Accessories:

Trusted solutions for diverse valve and accessory needs, renowned for their reliability and performance. As well as water hammer arrestor, PRV and Air Vent.



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.
- ❖ NEOM.
- ❖ AMALA.
- ❖ King Abdullah Financial District (KAJD).
- ❖ King Salman Park (KSP).
- ❖ MOI Medical City - Riyadh & Jeddah.
- ❖ KAP1, KAP4, KAF5
- ❖ DAMAC Towers, Riyadh, Saudi Arabia.
- ❖ 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:

