



AquaEnergy Expo
Magazine
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AL MOUSA
شركة الموسى للتجارة
AL MOUSA TRADING CO.

Al-Mousa Trading Co.: Delivering the Next Generation of Water Solutions



Eng. Luay Altoussi

CEO of Al-Mousa Trading Company

Special Issue
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Al Mousa Trading Co.: Strategic Alliances Driving Innovation and Infrastructure Excellence Worldwide



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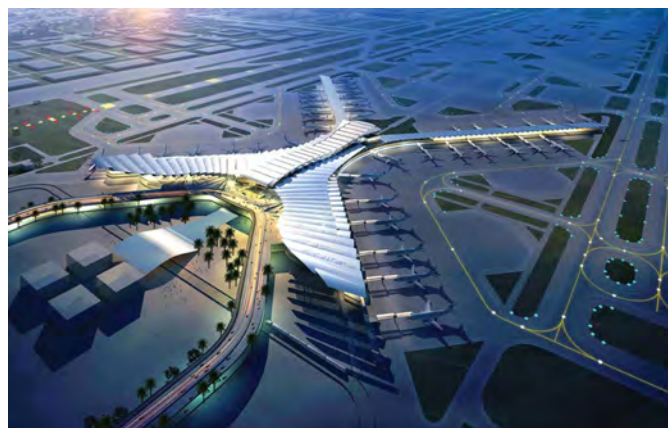
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Leading the Future of Water & Infrastructure Solutions: Al-Mousa Trading Co.



Eng. Luay Altoussi
CEO of Al-Mousa Trading Company

LinkedIn: www.linkedin.com

As demand for innovative and efficient water and infrastructure solutions grows, Al-Mousa Trading Co. stands out with over 20 years of expertise in delivering comprehensive engineering solutions for pumps, water networks, water treatment, and fire protection systems, through strategic partnerships with global industry leaders.

Through strong alliances with top international brands such as Grundfos, Wilo, SPP Pumps, Peerless Pump, Viessmann, Balmoral Tanks, Aliaxis, Filtralite®, Aquaterra, Unidelta, and Stalwart, along with numerous specialists in HVAC, filtration, and high-pressure systems, the company ensures its clients receive cutting-edge technology, superior operational efficiency, and energy-saving solutions.

These global partnerships are not just contracts they are gateways to advanced expertise and world-class technology applied in major government and private projects across Saudi Arabia. From enhancing water quality and pump performance to delivering sustainable solutions aligned with Vision 2030, Al-Mousa Trading remains a trusted leader in the region's engineering sector.

Al-Mousa Trading Co. brings decades of expertise in water and infrastructure, transforming every challenge into an opportunity for innovation and excellence. Through strategic partnerships with leading global brands and advanced technology, the company delivers smart, sustainable, and high-performance solutions that meet the demands of modern projects, optimize operational efficiency, reduce costs, and set new benchmarks for quality and reliability. With a commitment to innovation and trust, every project becomes a success story, unlocking new possibilities in the world of engineering and infrastructure.

Stay Updated with Al-Mousa Trading

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Explore a Complete Portfolio
of Advanced Water, Pumping &
Mechanical Solutions Through
Aqua Energy Virtual Expo.

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Interview with CEO of Al-Mousa Trading Company Eng. Luay Altoussi



Eng. Luay Altoussi

First, we want to know more about Eng. Luay Altoussi the CEO of Al-Mousa Trading Company

With over two decades of experience in the water and energy solutions industry, my professional journey began in 2000 at Lamah Co. Ltd, where I worked as a senior sales engineer until 2004. This period allowed me to gain valuable hands-on experience in the technical aspects of the industry, laying the foundation for everything that followed.

From 2004 to 2016, I served as a Senior Sales Executive Engineer in the Water Utility Department at Grundfos, a role that provided critical insights into market behaviour, client expectations, and industry demands. In 2016, I stepped into a higher leadership role as General Manager at Samnan Al Jazeera, where I refined my ability to lead teams and manage complex operations.

Ultimately, the desire to build something of my own with a vision rooted in long-term quality, reliability, and service led to the founding of Al Mousa Trading Co. in 2017.

Launching my own business came with challenges, but I had a clear vision: to establish a company that not only supplies high-performance water and energy systems but also delivers complete end-to-end support with expertise, integrity, and long-term commitment. We started as a small company in 2017, with a team of 5 to 10 professionals and a single office in Riyadh, generating approximately SAR 15 million in our first year.

Today, Al Mousa Trading Co. has grown into one of the Kingdom's fastest-growing engineering solution providers. With a team of over 100 to 150 professionals, we now operate across three offices in Riyadh, Dammam, and Jeddah, and in 2024, we proudly surpassed SAR 120 million in annual revenue.

Our reputation has been built on trusted partnerships and exceptional service in water pump systems, HVAC, piping, heating solutions, firefighting systems, and energy services, collaborating with leading global brands such as Grundfos, Peerless, Viessmann, and others.

We have also made our mark on several high-profile projects across Saudi Arabia, including NEOM, King Salman Park in Riyadh,



and the Red Sea Global Project, a flagship initiative aimed at creating one of the world's premier luxury tourist destinations by 2030.

As the leader of this company, I believe that a business is much like a football team: to become a champion, you need the right players in the right positions, all working together with a shared purpose. Success comes from collaboration, alignment, and collective strength. I want our solutions to address real challenges in infrastructure and water management while continuing to advance toward smarter, more efficient, and sustainable technologies.

Looking ahead, my vision is to scale Al Mousa Trading Co. to reach SAR 1 billion in revenue not simply through growth in numbers but by becoming a national benchmark in service excellence, technical expertise, and industry trust. From an ambitious start to a recognized name in engineered water and energy solutions, our journey continues fuelled by a leadership that believes in vision, people, and purpose.

Could you provide us with overview about the history of Al-Mousa Trading Company?

In 2014, Al-Mousa Trading Company was founded as a pillar of the Al Mousa Group, dedicated to providing our customers with the best possible service. We have broadened our competencies across many industries thanks to the hard work of our knowledgeable staff, constantly aiming to satisfy the changing demands of the market. Today, we are proud to be one of the prominent national companies in Saudi Arabia, providing comprehensive solutions in supplying, encompassing installation, maintenance, and assembly of critical systems such as sediment removal equipment, rainwater suction solutions, and water drainage systems for construction sites.

Could you tell us about your company's mission and vision?

Our mission is to deliver high-quality engineering solutions to our clients, including companies, institutions, and government bodies, by providing efficient, high-performance equipment and services. We focus on installation, supply, maintenance, and assembly of specialized equipment, ensuring the successful completion and continuity of projects with top-notch after-sales support. In addition, the vision is to be a leading provider of innovative solutions in water, energy, and infrastructure, recognized for excellence and efficiency in serving our clients across various sectors.

What are the main products offered by Al-Mousa Trading Company?

We provide cutting-edge water pump solutions designed for maximum efficiency and reliability in industrial and commercial applications. Our products prioritize reliability and efficiency, featuring advanced technology and robust engineering to ensure optimal performance. Our product range includes booster, submersible, firefighting, circulation, catering to residential, commercial, and industrial applications. We also offer piping systems such as PPR, HDPE, and PEX pipes for plumbing and HVAC needs. In energy and heating, we provide boilers, heat pumps, solar heating systems, and steam accessories. We also specialize in water treatment systems such as multimedia filters and copper-silver ionization units for effective filtration.



What are the main services?

With over 20 years of experience, we offer tailored solutions to meet the needs of commercial businesses, government institutions, and contractors. Al-Mousa Trading Company is a trusted provider of installation and operation services for critical systems in water, energy, and infrastructure projects. Our services focus on the careful evaluation of every system, from surface and vertical water pumps to submersible pumps and sewage submersibles. Our expert engineers

conduct detailed analyses and feasibility studies to develop customized solutions that meet the unique needs of our clients.

What are the most important projects carried out by Al-Mousa Trading Company?

We have earned a distinguished reputation for successfully completing high-profile projects throughout Saudi Arabia, effectively addressing the needs of both government and private sectors. Our expertise in providing advanced water pump solutions enables us to meet the unique challenges by each initiative.

Some of our projects were chilled water pump of Grundfos brand at Umm Al Qura University, SPP-brand fire pumps at King Faisal Specialist Hospital and Research Centre, booster pump of Grundfos brand at Hilton and Grundfos Booster Pump / Fire Pumps at Civil Defense, Hajj Command & Holy Capital Administration, in addition to other projects at Al-Mouwasat Hospital Extension and Al Dammam, King Abdullah Park, King Salman Park – Visitors’ Courtyard, as well as Dallah Hospital.

What sets Al Mousa’s products & services apart from competitors in the market?

We provide exceptional service to our clients, ensuring that we meet their needs with efficiency, high performance, and a commitment to excellence. By continuously evolving and adapting to the demands of the market, we strive to deliver engineering solutions that not only meet but exceed expectations, supporting the growth and success of our clients across various sectors. We have specialized technicians in maintenance, process control, and after-sales service to ensure the continuity of projects.

From planning to execution, we manage every phase of your project seamlessly. Timely execution, On-time delivery, optimized costs, and quality assurance bringing you the best water solutions.



Do you have any certifications or accreditation for your products?

Our esteemed accreditations and certifications highlight our dedication to quality and innovation. These credentials underscore our commitment to industry standards, guaranteeing reliability and excellence in everything we do. Rely on our certified solutions to meet your needs and surpass expectations.

The ones we have gotten included certificates of NEOM, Ministry of Health, Makkah Entertainment Complex, King Abdullah University of Science and Technology, Construction of Waad Al Shamal Wind, The Red Palace, Taif Entertainment Complex, Suliman Saleh Olayan Innovation & Entrepreneurship, STC HQTN, Sindalah Island and Saudi Entertainment Ventures. [Show Accreditations & Certificates.](#)

Who are the most important clients?

Our clients include companies, institutions, and government bodies. Among our clients are major contracting companies that we serve in all their projects through supply, installation, maintenance, and after-sales service, as well as serving ministries and government agencies.

What are the partnerships between Al-Mousa Company and international companies?

Our partners with top-tier manufacturers to deliver advanced water pump solutions to fulfill the demands of diverse industries. Our collaborations ensure access to the latest technologies, providing reliable, efficient systems that enhance performance and sustainability in critical infrastructure projects. Our partnerships include Saint-Gobain, Filtralite, Grundfos, Wilo, Aliaxis, Aquaterra, Leca, Viessmann, Stalwart, SPP Pumps, Ebara Pumps Peerless Pump, Unidelta, Doha Regional, Liqui Tech, Balmoral.





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AL-MOUSA TRADING COMPANY

We provide innovative water pump solutions for industrial and commercial sectors in Saudi Arabia and beyond, partnering with leading global brands to ensure reliable and efficient pumping systems.

Services



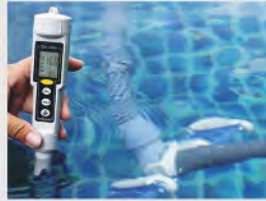
Supplying



Maintenance



Installation and Operation



Testing & Commission



Engineering studies

Scan to the webinar to know how Al-Mousa Trading Co. leads the world pumps in KSA



products



Grundfos Water Pumps



Peerless Fire Pumps



Wilo Water Pumps



Viessmann Solar Panels



SPP Fire Pumps



Viessmann Water Boilers



Viessmann Calorifiers



Filtralite® Pure Filtralite® Clean

The image shows the exterior of a modern building with a facade of gold and blue panels. The company logo, consisting of two blue vertical bars, is positioned above the company name. The name is written in Arabic and English. The building's glass windows reflect the sky and surrounding trees. In the foreground, a white car is partially visible on the right side.

شركة الموصى للتجارة
AL MOUSA TRADING CO.

**Inside Al Mousa's 2025
Breakthrough: Global
Partnerships, Mega
Projects & The Future
of Smart Water Solutions**

In 2025, Al Mousa Trading Co. stands as one of Saudi Arabia’s most influential engineering partners, delivering advanced pumping, water treatment, HVAC, thermal, and fire protection solutions across the Kingdom.

With a robust portfolio of global partnerships, engineering expertise spanning decades, and involvement in some of the nation’s most critical infrastructure projects, Al Mousa has evolved from a solutions provider into a strategic force shaping the future of water, energy, and environmental sustainability in Saudi Arabia.

Backed by relentless innovation, precision engineering, and a commitment to Vision 2030, the company continues to raise industry standards—project after project, partnership after partnership.

Global Partnerships Powering Saudi Infrastructure

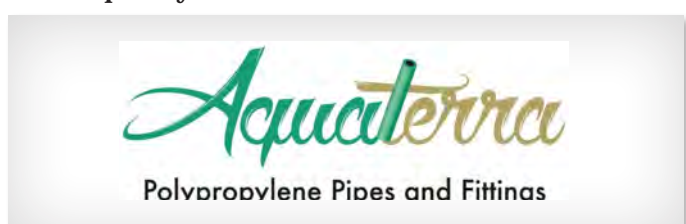
• Grundfos – A Strategic Alliance Driving Pumping Innovation

As an authorized sub-factory, service provider, and main distributor of Grundfos, Al Mousa delivers the region’s most advanced pumping technologies, supporting municipal, industrial, and infrastructure projects with high-efficiency solutions.



• Aquaterra – Flow & Filtration Technologies

Al Mousa collaborates with Aquaterra to deliver innovative flow management and filtration technologies that enhance system efficiency and water quality.



• Aliaxis – Integrated Piping Solutions

Through its partnership with Aliaxis, Al Mousa provides advanced piping systems for water supply, wastewater, and industrial applications, ensuring durability, flexibility, and long-term performance.



• Saint-Gobain – Advanced Infrastructure Materials

With Saint-Gobain, Al Mousa strengthens its portfolio with high-performance materials used in water infrastructure and construction applications.



• Leca – Lightweight Filtration Media

The partnership with Leca supports efficient filtration systems through lightweight expanded clay media, improving hydraulic performance and reducing operational load.



• Filtralite® – Advanced Water Filtration for a Sustainable Future

Al Mousa’s collaboration with Filtralite delivers high-performance filtration solutions such as Filtralite® Clean and Filtralite® Pure, significantly improving filtration efficiency, reducing costs, and supporting sustainable water treatment.



• Wilo – High-Performance Pumping Systems

Through its collaboration with Wilo, Al Mousa delivers advanced pressure boosting and multistage pumping systems designed for efficiency and reliability.



• Viessmann – German Heating & Energy Excellence

Partnering with Viessmann enables Al Mousa to deliver energy-efficient heating, cooling, and thermal systems with reduced environmental impact.



• SPP Pumps – Fire Protection You Can Trust

Al Mousa supplies certified firefighting systems through SPP Pumps, ensuring safety and compliance in critical infrastructure.



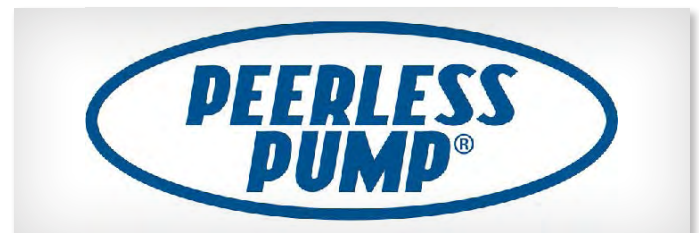
• Stalwart – Industrial Engineering Solutions

Al Mousa integrates solutions from Stalwart to support complex industrial and infrastructure applications.



• Peerless Pump – Global Fire Protection Leader

As a distributor of Peerless Pump, Al Mousa delivers UL/FM-approved fire protection systems for large-scale projects.



• Additional Strategic Partners

Al Mousa’s ecosystem is further strengthened by collaborations with:



Major Projects Delivered in 2025

• Masar Makkah Development – Car Park Firefighting System

A flagship accomplishment in 2025.

Scope Delivered:

- Supply of 4 certified SPP fire pump sets
- Full supervision during installation
- Testing & commissioning per international fire standards

This milestone highlights Al Mousa's ability to support complex, high-profile megaprojects.



• Arar University – Grundfos Pump Performance Verification

At Al Mousa's Riyadh facility, comprehensive witness testing validated:

- Hydraulic performance
- Efficiency
- Power draw
- Electrical compliance
- Vibration & suction conditions

All units passed successfully—ensuring optimal performance for the university's infrastructure systems.



• Dallah Health Care Medical Complex (Al Arid – Riyadh)

A key MEP supply success in 2025.

Scope Included:

- Supply of D Blue piping systems
- Acoustic soil & waste drainage system
- HDPE and chemical-resistant piping
- Compliance with safety & quality standards

The result: A reliable, long-lasting drainage network for a major medical facility.



• Jazan Expansion – New Regional Office Opening

Al Mousa opened a new office in Jazan, strengthening its presence across southern Saudi Arabia and enhancing service response times for clients.

• Multiple Additional Engineering Deliveries

Throughout 2025, Al Mousa supported various sectors—residential, commercial, industrial—with solutions including:

- Booster pump stations
- HVAC pump systems
- Wastewater pumping packages
- Filtration & treatment solutions
- Thermal systems using Viessmann technology

Comprehensive Engineering Services Delivering End-to-End Excellence

- Installation – Precision That Defines Performance

Al Mousa ensures every system is installed with engineering precision:

- Accurate alignment
- On-site adjustments
- System optimization
- Performance testing

Proper installation minimizes downtime and maximizes system lifespan.

- Testing & Commissioning – Ensuring Readiness from Day One

Services cover:

- Pumps & motors
- HVAC systems
- Firefighting networks
- Water treatment
- Sewage systems
- Thermal & district cooling networks

Every test is conducted under certified procedures and documented thoroughly.

- Maintenance – Protecting Assets and Extending Lifespan

Al Mousa offers:

- Annual maintenance contracts
- Preventive maintenance
- Emergency repairs
- Genuine spare parts
- Long-term operational support

Ensuring stable performance, reduced failures, and optimized energy usage.

Complete Product Portfolio for Every Sector

- Pumping Solutions

- Submersible pumps
- Sewage pumps
- Booster systems
- End-suction pumps
- Horizontal & vertical split case pumps
- Multistage high-pressure pumps

- Firefighting Systems

- UL/FM fire pumps
- Jockey pumps
- Pump controllers & panels
- Diesel & electric configurations
- NFPA-compliant installation & testing

- Water Treatment & Filtration

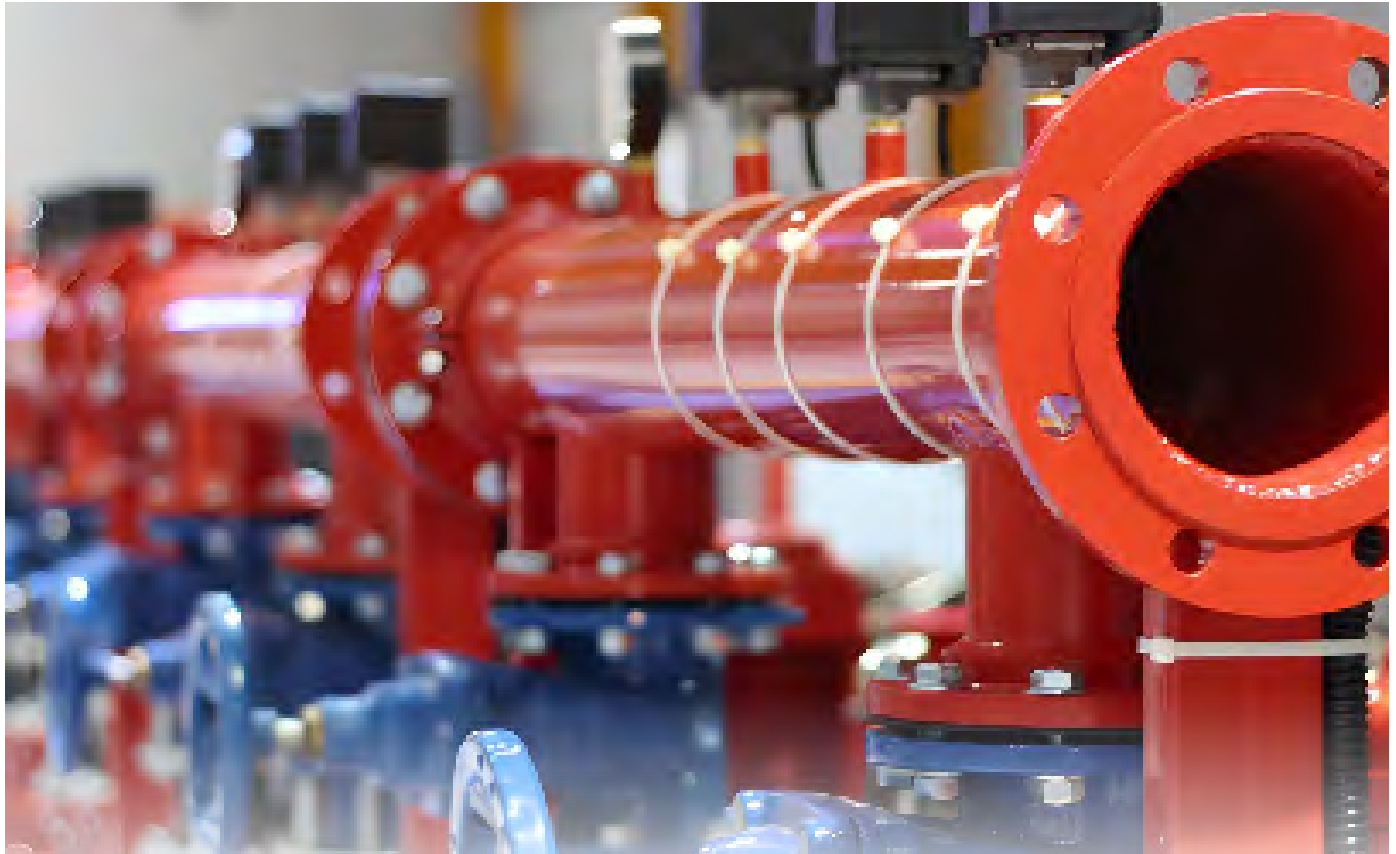
- Biological & physical filtration media
- Tertiary water treatment
- Filtration systems powered by Filtralite® technology

- Thermal & Heating Systems

Powered by Viessmann:

- Boilers
- Calorifiers
- Solar heaters
- Energy-efficient heat generation solutions





- HVAC Water Systems

- Chilled & hot water circulation pumps
- In-line centrifugal pumps
- MAGNA smart circulators
- High-efficiency booster sets

- Piping & Flow Solutions

- PPR • HDPE • PEX
- Acoustic soil systems
- Complete piping accessories and fittings

Supporting Vision 2030 Through Smart, Energy-Efficient Engineering

Al Mousa's 2025 strategy aligns perfectly with national priorities:

Focus Areas:

- Reducing energy consumption in pumping systems
- Improving operational efficiency
- Lowering maintenance costs
- Extending asset lifespan
- Delivering sustainable water solutions

Through partnerships with global leaders like Grundfos, Wilo, Viessmann, SPP, Peerless, Filtralite, and George Fischer, Al Mousa contributes directly to Saudi Arabia's transition toward green infrastructure and resource optimization.

A Forward-Looking Vision for 2025 and Beyond

Al Mousa Trading Co. continues its mission to be the trusted engineering partner of choice in Saudi Arabia.

Strategic Goals:

- Expand regional presence
- Strengthen aftermarket services
- Develop local technical expertise
- Support large-scale infrastructure growth
- Deliver sustainable water and energy solutions

Conclusion

In 2025, Al Mousa Trading Co. is not simply supplying pumps, pipes, and systems—it is building the backbone of Saudi Arabia's water and energy future. With strong global partnerships, landmark national projects, engineering excellence, and a vision aligned with the Kingdom's ambitions, Al Mousa continues to drive innovation, reliability, and sustainability across every sector it serves.

Al Mousa Trading Co. 2025: A Leader in Innovation and Global Partnerships

In 2025, Al Mousa Trading Co redefines engineering in Saudi Arabia with innovative solutions in water pumping, treatment, and HVAC systems. Collaborating with strategic partners like

Grundfos, Viessmann, Filtralite, Wilo, SPP, and Peerless, the company addresses national infrastructure needs.



Key Achievements Include:

- Firefighting System at Masar Makkah
- Pump Performance Verification at Arar University
- Dallah Health Care Medical Complex (Al Arid - Riyadh)
- New Office Opening in Jazan

Committed to Vision 2030,
Al Mousa focuses on sustainability
and energy efficiency. Join them in
building a sustainable future!



For their outstanding sales performance in
this year...

Al Mousa



Al-Mousa Trading Co. Reinforces Its Leadership in Water Solutions with Dual Recognition at the GRUNDFOS Annual Convention 2025



In the dynamic and competitive water solutions sector, Al-Mousa Trading Co. has established itself as a symbol of excellence, reliability, and innovation in Saudi Arabia.

With decades of experience, the company has consistently delivered high-performance water systems that cater to residential, commercial, industrial, and municipal projects. By combining deep local knowledge with global technologies, Al-Mousa Trading Co. ensures every solution not only meets the highest engineering standards but also aligns with the Kingdom's ambitious infrastructure goals.

At the heart of its success lies a strategic partnership with GRUNDFOS, a world-leading provider of advanced pumping technologies. This collaboration allows Al-Mousa Trading to bring state-of-the-art solutions to the Saudi market, enabling clients to achieve optimal water efficiency, energy savings, and operational reliability. Over the years, this partnership has become a cornerstone of Al-Mousa's commitment to excellence, positioning the company as the go-to expert for sustainable and innovative water solutions across the Kingdom.

Al-Mousa Trading Co. serves as the official partner for GRUNDFOS, promoting an extensive portfolio of cutting-edge pumping solutions

designed to meet the unique needs of various sectors in Saudi Arabia.

• **Buildings & Commercial Developments**

Hydro MPC & Hydro Multi-E Booster Systems: Ensure stable water pressure in high-rise buildings and large complexes.

CR & CRE Vertical Multistage Pumps: Provide reliable water supply for commercial and residential buildings.

MAGNA & TPE Circulation Pumps: Optimize HVAC systems for energy efficiency and building automation.

• **Water Supply & Infrastructure**

NK & NB end-suction Pumps: Designed for municipal water networks and large-scale distribution.

TP inline Pumps: Enhance water circulation and pressure control.

Smart Control and Boosting Solutions: Improve network efficiency and operational reliability.

• **Industrial Applications**

CR/CRE Multistage Pumps: Energy-efficient pumps for industrial processes.

TPE & TP Pumps: Designed for cooling, heating, and process circulation applications.

Intelligent Pumping & Digital Monitoring Solutions: Maximize operational efficiency and lifecycle performance.

• **Wastewater & Drainage**

SEG Grinder Pumps: Handle complex wastewater applications with ease.

SL & SE Submersible Pumps: Reliable solutions for drainage and flood control.

High-reliability Systems: Built for continuous operation in challenging conditions.

• **Firefighting & Life Safety**

Firefighting Pumps Compliant with International Standards: Ensure operational readiness for emergency response.

Robust System Configurations: Guarantee uninterrupted performance in critical scenarios.

By marketing and deploying these products, Al-Mousa Trading Co. ensures clients benefit from high-quality, reliable, and energy-efficient water solutions across all sectors.

Strategic Marketing Excellence

Al-Mousa Trading Co.'s market leadership is driven by a sophisticated, client-focused marketing strategy. Rather than focusing solely on products, the company emphasizes solution-driven campaigns that highlight the practical



• **Key Marketing Approaches:**

Consultative Engagement:

Understanding client challenges to tailor solutions for efficiency, reliability, and cost-effectiveness.

Sector-Specific Campaigns: Targeting developers, municipalities, industrial operators, and facility managers with solutions that meet specific operational requirements.

Relationship Management: Building long-term partnerships that foster trust, repeat business, and thought leadership.

This methodical approach has solidified Al-Mousa's reputation as a trusted provider, ensuring the adoption of advanced pumping solutions across the Kingdom.

Comprehensive Services Offered

Beyond marketing, Al-Mousa Trading Co. provides end-to-end project services, ensuring every solution delivers maximum value.

• **Services Include:**

Consultation & System Design:

Customizing solutions to project-specific needs.

Installation & Commissioning Support:

Ensuring seamless integration of GRUNDFOS products.

Maintenance & After-Sales Services:

Providing ongoing reliability and operational efficiency.

Technical Support & Training: Equipping client teams with knowledge to optimize performance and extend equipment lifecycle.

This holistic approach positions Al-Mousa Trading Co. as more than a supplier it is a partner in operational excellence.

Dual Recognition at the GRUNDFOS Annual Convention 2025

The company's strategic approach and operational excellence were celebrated at the GRUNDFOS An

nual Convention 2025, where Al-Mousa Trading Co. received two prestigious awards:

- **Highest Sales in Saudi Arabia**
- **Highest Booster Pumps Sales in Saudi Arabia**

These awards reflect outstanding commercial performance, but more importantly, they acknowledge the company's effective partnership model, expert teams, and consistent delivery of high-performing solutions.

Alignment with Saudi Vision 2030

Al-Mousa Trading Co.'s solutions are fully aligned with Saudi Arabia's Vision 2030, supporting key national objectives:

- **Energy Efficiency:** Optimizing water and pumping systems to reduce operational costs.
- **Sustainable Development:** Deploying eco-friendly, long-lasting solutions.
- **Infrastructure Modernization:** Supporting the Kingdom's smart city projects and industrial expansion.

By integrating sustainable technologies, Al-Mousa Trading contributes to a resilient and future-ready water infrastructure, demonstrating leadership in national development initiatives.

Shaping the Future of Water Solutions

The achievements of 2025 are a stepping stone for future growth. Al-Mousa Trading Co. plans to:

- Expand technical capabilities with the latest GRUNDFOS technologies and digital solutions.
- Strengthen strategic partnerships to introduce innovative solutions to the Kingdom.
- Develop sector-specific solutions for emerging projects in smart cities, industrial zones, and critical infrastructure.
- Invest in talent development to maintain a highly skilled workforce for world-class service.

With its proven track record, market insight, and commitment to excellence, Al-Mousa Trading Co. is poised to shape the future of water solutions in Saudi Arabia, providing reliable, efficient, and innovative systems for decades to come.





Al-Mousa Trading: A Leader in Water Solutions in Saudi Arabia Achieving Excellence with GRUNDFOS Awards



- Al-Mousa Trading Co. is a leader in water solutions in the Kingdom, offering advanced pumping systems that meet the needs of various sectors in collaboration with GRUNDFOS.
- The company received the following awards at the GRUNDFOS Annual Convention 2025.
- **Highest Sales in Saudi Arabia**
- **Highest Booster Pumps Sales in Saudi Arabia**
- Al-Mousa is committed to supporting Vision 2030 through sustainable technologies and energy efficiency.
- Invest in the future with Al-Mousa, where they reshape water solutions to meet your needs with reliability and efficiency.



Grundfos is a world leader in pump solutions, recognized for unmatched quality, efficiency, and .Through its partnership with Grundfos, Al Mousa Trading brings these premium pumps to Saudi Arabia, delivering global excellence with local expertise and support.



Category 1: Circulation

MEGNA

- The premium choice when system control and monitoring is key
- Supports fieldbus by optional CIM modules
- Connects directly with the Grundfos GO app via Bluetooth

Technical Specifications

Maximum flow (m ³ / h)	73
Maximum Head (m)	18
P max	16
Liquid Temperature	-10 to 110 °C



ALPHA

- High-efficiency variable speed circulators designed for heating, air-conditioning and domestic hot-water systems
- Simple, fast, and easy to install and operate

Technical Specifications

Maximum flow (m ³ / h)	4
Maximum Head (m)	8
P max	10
Liquid Temperature	-10 to 110 °C



UPS SERIES 100

- For heating, domestic hot-water, cooling and air-conditioning systems
- Available in various materials making it suitable for many applications

Technical Specifications

Maximum flow (m ³ / h)	14
Maximum Head (m)	13
P max	10
Liquid Temperature	-25 to 110 °C



Category 2: Submersible Pumps

SL Sewage PUMP

- (1.1-11 kW)-fitted with either S-tube® (SL1) or Super Vortex impeller (SLV)
- The free passage through the pump varies from 50-100 mm depending on size

Technical Specifications

Maximum flow (m ³ / h)	82 l/s
Maximum Head (m)	46
P max	6
Liquid Temperature	0 to 40 °C

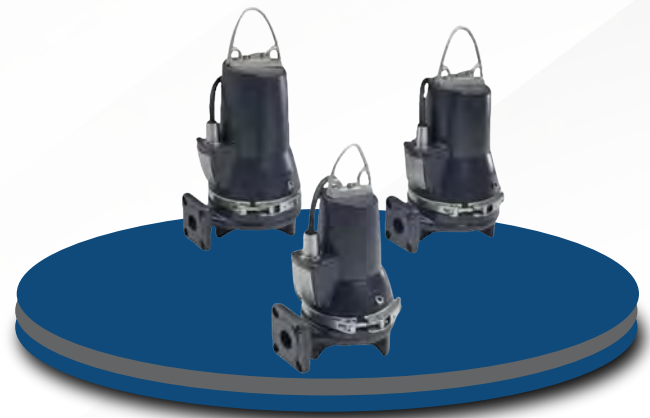


SEG Sewage Grinder Pump

- (0.9-4 kW)-designed for pumping wastewater, sludge-containing water, and sewage
- Fitted with a patented grinder system designed to grind the media

Technical Specifications

Maximum flow (m ³ / h)	37
Maximum Head (m)	48
Impeller material	Cast iron - Grinder
Power	1-5.5 HP
Voltage (volts)	220-380-460
Frequency (Hertz)	60
Degree of protection	IP 68



Category 3: Sewage and Water Treatment Plant & Storm Water

S PUMPS

- Range of free-flow channel impeller pumps specifically designed for pumping sewage and wastewater in a wide range of municipal and industrial applications

Technical Specifications

Maximum flow (m ³ / h)	315
Maximum Head (m)	73
Liquid Temperature	0 to 40 °C



SL / SE Pumps

- Submersible and dry-installed Grundfos SE/SL sewage pumps (9–30 kW) are fitted with either S-tube® (SE/SE1/SE2 and SL/SL1/SL2) or Super Vortex impeller (SLV)
- The free passage through the pump varies from 35–125 mm depending on size and hydraulic variant

Technical Specifications

Maximum flow (m ³ / h)	136
Maximum Head (m)	80
P max	8
Liquid Temperature	0 to 40 °C



Category 4: Chilled Water Pumps

LSV/LS Pumps

- Horizontal split case and vertical split case pumps are single stage or two stages, non-self-priming, centrifugal volute pumps with radial suction and radial discharge ports

Technical Specifications

Maximum flow (m ³ / h)	2830
Maximum Head (m)	231
P max	25
Liquid Temperature	0 to 120 °C



NP Pump

- End-suction close-coupled pumps are non-self-priming, single-stage, centrifugal volute pumps with axial-suction port, radial-discharge port and horizontal shaft

Technical Specifications

Maximum flow (m ³ / h)	1606
Maximum Head (m)	159
P max	16
Liquid Temperature	-25 to 120 °C



NK Pump

- End-suction long-coupled pumps are non-self-priming, single-stage, centrifugal volute pumps with axial-suction port, radial-discharge port and horizontal shaft

Technical Specifications

Maximum flow (m ³ / h)	1606
Maximum Head (m)	160
P max	25
Liquid Temperature	-25 to 140 °C



TP Pump

- Single-stage, close-coupled in-line centrifugal pumps with mechanical shaft seal and primly for applications such as heating/cooling/district energy
- Fitted with fixed speed motors

Technical Specifications

Maximum flow (m3 / h)	4374
Maximum Head (m)	139
P max	25
Liquid Temperature	-40 to 150 °C



TPE Pump

- With stainless steel pump housing
- Single-stage, close-coupled in-line centrifugal pumps with mechanical shaft seal and primly for applications such as hot water recirculation
- Fitted with frequency controlled motors and differential pressure/temperature transmitter

Technical Specifications

Maximum flow (m3 / h)	60
Maximum Head (m)	25
P max	10
Liquid Temperature	-25 to 120 °C



Category 5: Water Transmission

LS Pump

- Horizontal, single-stage or double-stages, between bearings, split case pump
- The axially split design allows easy removal of the top casing and access to the pump components without disturbing the motor or pipe work

Technical Specifications

Maximum flow (m ³ / h)	9503
Maximum Head (m)	240
P max	25
Liquid Temperature	0 to 120 °C



NK Pump

- End-suction long-coupled pumps

Technical Specifications

Maximum flow (m ³ / h)	2391
Maximum Head (m)	177
P max	25
Liquid Temperature	-25 to 140 °C



Category 6: Deep Well Pumps

SP PUMP

- Submersible borehole pumps, designed for pumping groundwater
- Stainless-steel pumps and available in 3 material grades
- Suitable for boreholes in sizes ranging from 4 over 6 and 8 to 10
- The motor sizes for the pumps are available in 0.37-250 kW

Technical Specifications

Maximum flow (m ³ / h)	340
Maximum Head (m)	779
P max	60
Liquid Temperature	-15 to 90 °C



Category 7: Domestic & Irrigation Boosters

Hydro MPC

- Available with 2-6 parallel connected pumps, Integrated advanced controller and all necessary fittings

Technical Specifications

Maximum flow (m ³ / h)	1466
Maximum Head (m)	161
P max	16
Liquid Temperature	0 to 90 °C

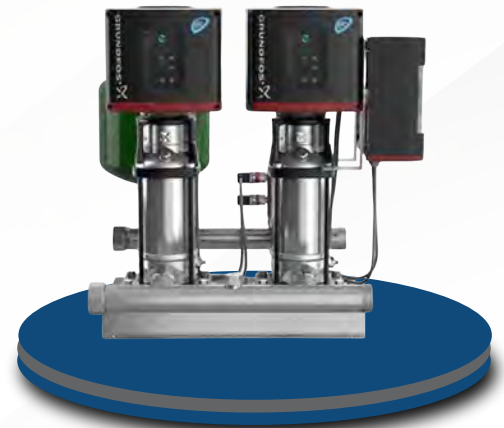


Hydro Multi-E

- Available with 2-4 parallel connected frequency controlled pumps, Integrated advanced controller and all necessary fittings

Technical Specifications

Maximum flow (m ³ / h)	140
Maximum Head (m)	161
P max	16
Liquid Temperature	0 to 90 °C

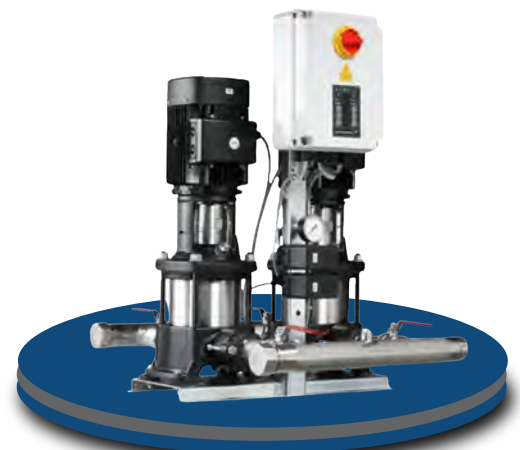


Hydro Multi-S

- Turn Key Pressure boosting system for boosting of water in flats, hotels etc
- Available with 2-3 parallel connected pumps, with an integrated controller and all necessary fittings

Technical Specifications

Maximum flow (m ³ / h)	71
Maximum Head (m)	104
P max	16
Liquid Temperature	0 to 70 °C

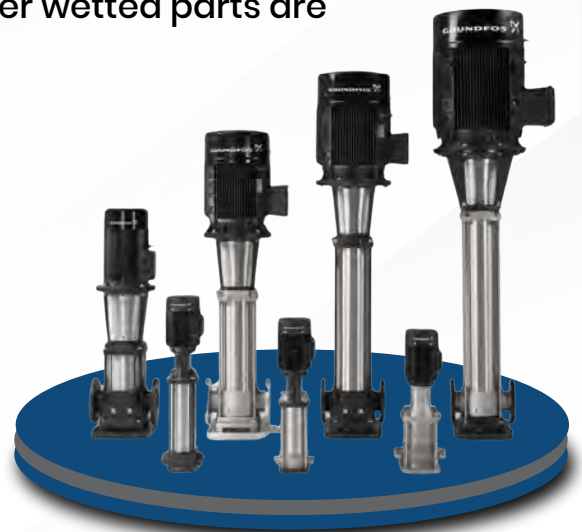


CR PUMP

- Vertical, multistage centrifugal pump with suction and discharge ports on the same level
- The pump head and base are in cast iron – all other wetted parts are in stainless steel (EN 1.4301)

Technical Specifications

Maximum flow (m3 / h)	244
Maximum Head (m)	321
P max	33
Liquid Temperature	-30 to 120 °C

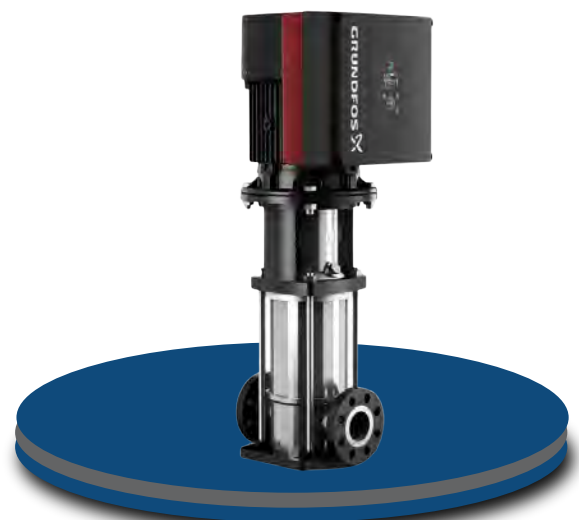


CRE PUMP

- Vertical, multistage centrifugal pump with integrated frequency converter
- The pump head and base are in cast iron – all other wetted parts are in stainless steel (EN 1.4301)

Technical Specifications

Maximum flow (m3 / h)	147
Maximum Head (m)	257
P max	30
Liquid Temperature	-30 to 120 °C



CM PUMP

- Reliable, quiet and compact horizontal end-suction pump
- The modular pump design makes it easy to make customized solutions
- Available in cast iron and stainless steel

Technical Specifications

Maximum flow (m ³ / h)	37
Maximum Head (m)	94
P max	16
Liquid Temperature	-20 to 120 °C



CME PUMP

- Reliable, quiet and compact horizontal end-suction pump
- The modular pump design makes it easy to make customized solutions
- Available in cast iron and stainless steel

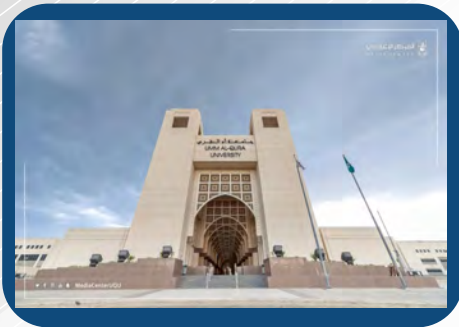
Technical Specifications

Maximum flow (m ³ / h)	37
Maximum Head (m)	125
P max	16
Liquid Temperature	-20 to 120 °C



Projects Supplied and Commissioned with Grundfos Pumps in KSA

01 Umm Al Qura University



02 Hilton



03 Civil Defense, Hajj Command & Holy Capital Administration



04 Al-Mouwasat Hospital Extension In Al Dammam



Al-Mousa Trading Co. Leads the Way Towards Achieving Saudi Vision 2030

In order to ensure its protection and preservation in the face of upcoming challenges brought on by today's worldwide changes, water security is a crucial issue that various policies seek to address. As a key component of the country's larger security framework, the government has given protecting the Kingdom's water security a lot of attention as part of Saudi Vision 2030. In order to guarantee the preservation and sustainability of water resources for the benefit of future generations, important indicators and targets have been established, along with suitable systems. While adhering to phased responsibilities throughout the transformation process, the authority's regulatory oversight, sustainable management of water resources, improvement of service quality, strengthening of capabilities, promotion of economic growth, innovation and technology, and prioritization of environmental protection all reflect its crucial role in ensuring the Kingdom's water security.

Al-Mousa Trading Co, whose primary operations provide simple and reasonably priced access to water, is one of the key private sector entities driving this endeavor. It has profited from the Vision's emphasis on prudent water management while collaborating closely with the government.

Thriving Under Vision 2030

As a member of the Al-Mousa Group, which was established in 1960 as a supplier of deep well pumps made abroad and has since expanded to include ten businesses, including Sadan Saudi Water and Energy Company and National Water Works Company, Al-Mousa Trading Company was impacted by Vision 2030, which has made it much bigger and more significant for its operations than it was initially anticipated when it was first announced in 2016. Over the previous five years, the total number of employees has doubled to 240, and an additional 100 hires are anticipated in 2025.

“Our revenue has reached about \$800 million a year, and since King Salman and Crown Prince Mohammed bin Salman have made the water industry a major component of Vision 2030, we believe the business will do much better in the years to come,” says Group CEO Eng. Saleh Alhlafi.



“ Since water initiatives in the Kingdom are expected to cost over \$10 billion a year for the next five years, our businesses that are participating in many of these projects will undoubtedly prosper. ”

Partners of Success

Collaborating with its partners, Al-Mousa Trading Co, the group's main company dealing with water production and related activities, supplies all water pumps and accessories types, as well as some other water products for a variety of applications in the public and private sectors. In addition to pumping systems, the company also delivers advanced thermal systems such as boilers, calorifiers, and solar water heaters, and high-quality piping solutions including PPR, HDPE, PEX, and acoustic systems for residential, commercial, and industrial projects.

For the benefit of its customers, it also provides comprehensive product services and maintenance facilities. The company has recently stocked a large inventory of submersible pumps up to 120kW, further strengthening its position as a key distributor of Grundfos in Saudi Arabia.

This initiative is aimed at saving valuable time for its customers by ensuring they have immediate access to high-quality,

high-performance, and reliable pumping solutions that meet the demands of critical applications. Thus, as a trusted partner of Grundfos, Al Mousa Trading Co. is committed to offering top-tier solutions that support Vision 2030's sustainability and innovation goals.

In addition to being recognized by Grundfos as an Excellence Distributor for 2024, Al-Mousa Trading Co. is an authorized partner and trusted distributor of Peerless Pump, a global leader in fire protection pump systems. Moreover, the company has delivered high-performance, sustainable water treatment solutions across the region through partnering with Filtralite®. Through this strategic partnership, It's enabled to get more efficient biological treatment, physical filtration, and tertiary water treatment using advanced materials like:

Filtralite® Clean and Filtralite® Pure filter media which are designed to meet the highest standards in both biological treatment and physical filtration. Engineered with a unique porous structure and made from lightweight expanded clay, these solutions maximize filtration efficiency, enhance bio-film growth, and reduce operational costs - all while enabling larger volumes of water to be treated effectively. Together with other several partners, those are contributing to a cleaner, more sustainable future, aligned with Saudi Vision 2030 and global environmental goals.

Case Study: Successful Witness Test for GRUNDFOS Water Pumps at Riyadh Facility

A comprehensive witness test for GRUNDFOS water pumps was recently conducted at a specialized facility in Riyadh, as part of the ongoing Arar University Project. The testing session included the active participation of the project consultant, the main contractor, and the end user, ensuring transparency and alignment with all stakeholder expectations. During the session, several critical technical parameters were thoroughly verified to confirm compliance with the project's performance requirements. The pumps demonstrated full capability in meeting the specified flow rate and head, reflecting strong hydraulic performance and suitability for the application.

Efficiency was carefully assessed, with results confirming that the pumps deliver optimal energy performance, ensuring long-term reliability and cost-effective operation. Power consumption was monitored in kilowatts to verify that each pump operates within the expected energy usage limits, contributing to efficient power management across the system. Electrical performance was also examined, with both amperage and voltage readings falling within the required range. This confirms the pumps' alignment with the electrical standards of the project and ensures safe, stable



operation under all expected conditions. The Net Positive Suction Head (NPSH) was also tested and measured in feet, with the results showing excellent suction handling capabilities, eliminating the risk of cavitation. Moreover, vibration levels were recorded and found to be minimal, indicating smooth and quiet mechanical performance. Additionally, the pumps' revolutions per minute (RPM) were confirmed to be consistent with design specifications, ensuring sustained and reliable operation.

The successful completion of this witness test represents a key milestone in the Arar University Project. It confirms that the selected GRUNDFOS pumps are fully capable of delivering the required

performance standards and operational stability. This achievement stands as a testament to the quality of equipment selected for the project and to the rigorous verification process followed to ensure excellence at every stage.

Al-Mousa Trading Co. is not just navigating change—it is helping to shape the future of water infrastructure in Saudi Arabia and beyond.



Al Mousa Trading's Strategic Role in 2030 Projects

“Whether they are utilized for HVAC, firefighting, residential applications, housing projects, or irrigation, we are solution providers for some of the most renowned water pump manufacturers worldwide,” says company CEO Lu'ay Altoussi. “You can see that we are involved in many of the projects under Vision 2030 that are being developed by the government's Public Investment and that we call “high-connect” projects.”

These massive projects, such as NEOM, King Salman Park in Riyadh, and Red Sea, are supplied by Al Mousa Trading Company. By 2030, Global, a collection of upscale, ultra-luxury resorts, hopes to rank among the world's most popular travel destinations.

Al-Mousa's revenue nearly doubled to \$32 million last year from about \$8 million three years earlier. Outside funding undoubtedly contributed to this expansion, and the business strives to keep

expenses low, which pleases the banks and allows it to grow gradually but steadily.

The Right Team, The Right Vision

Notwithstanding this success, there have been difficulties in recent years, beginning with the COVID-19 pandemic's consequences and most recently the conflict in Ukraine. Although there have been difficulties along the way, Altoussi contends that a business is similar to a successful football club in that having the appropriate players on board is essential if you want to win.

“We need to invest in a new department, and now is the time to do this because the market is booming and the government is so supportive,” Altoussi says, adding that the company's next goal is to generate more than \$135 million in revenue annually.”





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Advanced Pumping Solutions | Built for Long-Term Sustainability

Al-Mousa Trading provides advanced pumping systems and solutions built for efficiency, reliability, and sustainability.

From supply to installation and after-sales support, Al-Mousa solutions are designed to power critical infrastructure and support industries across Saudi Arabia.

From design to delivery - let's engineer your water solutions together.



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Al-Mousa Trading:
Revolutionizing Water Pump
Solutions for a Sustainable
Tomorrow

Al-Mousa Trading Company, the evolved iteration of Al-Mousa Group Ltd., stands as a testament to over two decades of expertise in delivering cutting-edge solutions across water, energy, and infrastructure sectors. Rooted in Saudi Arabia, the company has carved a niche as a trusted partner for governments, commercial enterprises, and contractors, offering end-to-end engineering services—from installation and maintenance to advanced technical studies. With water scarcity and rapid urbanization shaping regional priorities, Al-Mousa’s specialization in high-performance water pumps positions it at the forefront of addressing critical challenges in water management, and sustainable infrastructure. This article explores Al-Mousa Trading Company’s role in the expanding global water pump market, its innovative product portfolio, strategic partnerships, and landmark projects that underscore its commitment to excellence.

Global Water Pump Market Trends: Opportunities in the Middle East

The global water pump market was valued at USD 71.86 billion in 2024 and is anticipated to expand at a CAGR of 4.4% from 2025 to 2030. Significant growth is being driven by the increasing need for efficient water management systems across various sectors, including agriculture, industrial, and municipal applications. A prominent trend influencing the market is the rising adoption of smart water pumps. These pumps incorporate IoT technology, enabling remote monitoring, predictive maintenance, and enhanced energy efficiency. Smart pumps are especially advantageous in urban water supply and wastewater management systems, where operational efficiency is vital.

Moreover, the water pump market is benefiting from the growth of infrastructure development in emerging economies. As industries, agriculture, and residential areas expand, the demand for water pumping solutions to tackle challenges like water scarcity, irrigation, and water supply rises.

The increase in desalination projects, particularly in areas with limited freshwater resources, also plays a significant role. Additionally, technological advancements, including the development of solar-powered water pumps, are creating growth opportunities in remote and off-grid regions lacking traditional power sources. These trends, along with continuous innovations, are expected to propel the water pump market in the years ahead.

Middle Eastern Dynamics:

- **Saudi Arabia:** The region’s largest market, driven by mega-projects like NEOM and investments in wastewater treatment.
- **UAE:** Expected to register the highest CAGR (2024–2030), supported by rapid urban development.
- **Oman and Egypt:** Prioritizing wastewater infrastructure to combat scarcity.

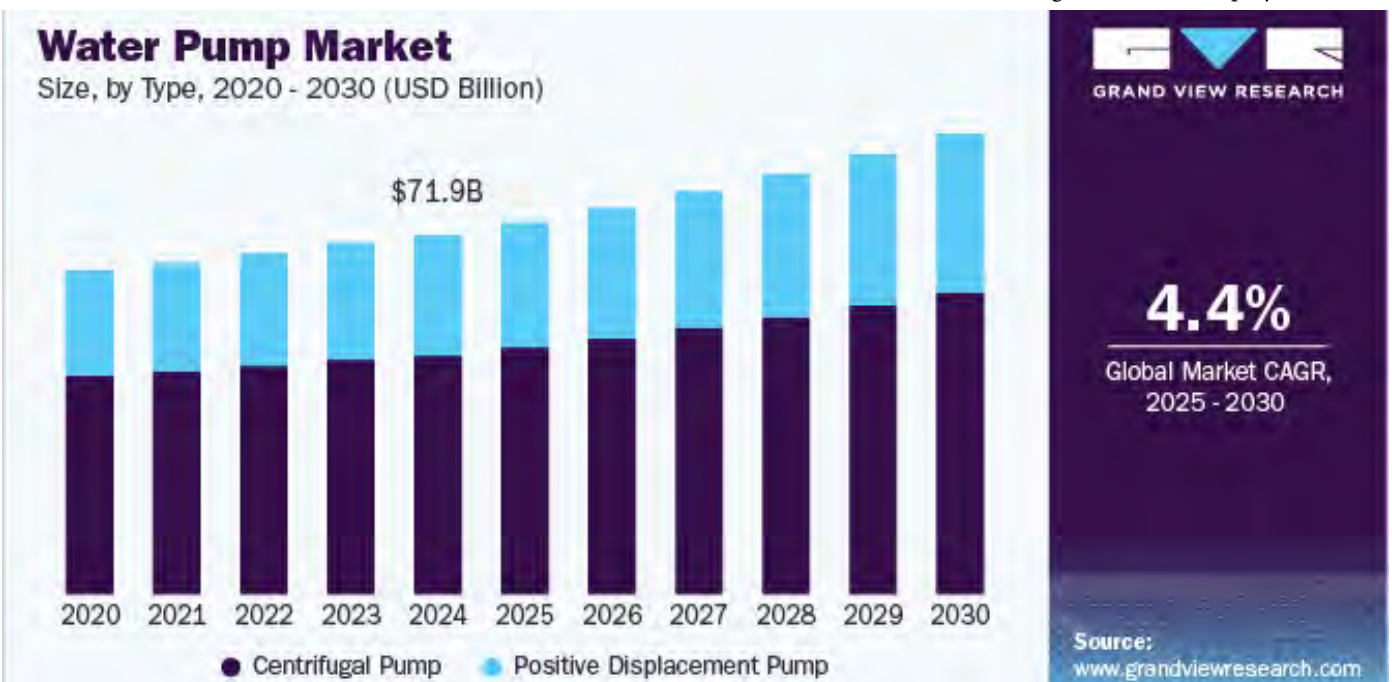
Al-Mousa Trading Company leverages these trends through partnerships with global manufacturers like Grundfos, SPP Pumps, and Wilo, ensuring access to cutting-edge technologies tailored to regional needs.

Core Services: Delivering End-to-End Solutions Supply Services

Al-Mousa Trading Company specializes in supplying high-quality engineering equipment necessary for water, energy, and infrastructure projects. With a robust selection of products, including:

- **Water Pumps:** From submersible pumps to centrifugal pumps, the company provides a wide range of options to meet various operational needs.
- **Filtration Systems:** Ensuring clean water management through advanced filtration technologies.
- **HVAC Components:** Delivering essential components for efficient heating, ventilation, and air conditioning systems.

The company prides itself on delivering products that comply with international standards, emphasizing innovative solutions that support sustainable infrastructure development. With partnerships with leading manufacturers, Al-Mousa Trading Company ensures clients receive advanced technologies that enhance project success.





Maintenance Services

To ensure the longevity and optimal performance of critical systems, Al-Mousa Trading Company offers specialized maintenance services, including:

- **Surface and Vertical Water Pumps:** Preventive care and expert servicing to maintain smooth operations and prevent disruptions.
- **Sewage Submersibles:** Critical maintenance services that ensure the reliable operation of sewage treatment systems, minimizing the risk of breakdowns and environmental issues.

By focusing on preventive care, regular inspections, and efficient repairs, the company helps clients extend the lifespan of their equipment while improving overall efficiency.

Installation and Operation

Al-Mousa Trading Company excels in providing installation and operation services for essential systems in water, energy, and infrastructure projects. The team's expertise guarantees:

- **Seamless Installation:** Ensuring all equipment is installed with precision according to industry standards and client specifications.
- **Technical Consultation:** Offering end-to-end solutions that include equipment setup, testing, and post-installation support.

This hands-on approach helps clients achieve project success while reducing downtime and improving operational efficiency.

Testing and Commissioning

Thorough testing and commissioning services are crucial to ensuring systems operate at peak performance. Al-Mousa Trading Company conducts detailed tests for various systems, including:

- **Flow Rate and Head:** Verifying that pumps meet required specifications for optimal performance.
- **Efficiency and Power Consumption:** Monitoring energy usage to ensure reliability and cost-effectiveness.

With a focus on precision and reliability, the company provides post-commissioning support, including training and operational guidance, to ensure systems continue to run smoothly after handover.

Engineering Studies: Data-Driven Decision Making

Comprehensive engineering studies are integral to the success of water, energy, and infrastructure projects. Al-Mousa Trading Company conducts detailed analyses to develop customized solutions, covering:

- **System Design and Capacity Planning:** Tailoring solutions to meet unique client requirements.
- **Environmental Impact Assessments:** Ensuring compliance with local regulations and promoting sustainable development. These studies help clients make informed decisions, reducing potential risks and enhancing project outcomes.

Flagship Water Pump Products

Al Mousa Trade Products stands at the forefront of industrial and commercial water pump solutions, offering cutting-edge technology through strategic partnerships with global leaders like Grundfos, SPP Pumps, Peerless Pump, and Wilo.

• Grundfos: Pioneering Efficiency and Versatility

Grundfos pumps are synonymous with precision and adaptability, designed to optimize water management in complex systems.

Pressure Boosting Systems

- **Hydro MPC:** Advanced energy-efficient systems with 2–6 parallel pumps, integrated controllers, and pre-assembled fittings for clean water boosting.
- **Hydro Multi-S:** Turnkey solutions for hotels, flats, and high-rises, featuring 2–3 parallel pumps and seamless integration.
- **Hydro Multi-E:** Frequency-controlled pumps (2–4 units) for dynamic pressure adjustment, minimizing energy consumption.

Centrifugal Pumps

- **CR/CRE Pumps:** Vertical multistage pumps with stainless steel components; the CRE variant includes an integrated frequency converter for enhanced control.
- **CM/CME Pumps:** Compact horizontal end-suction pumps with modular designs for customization in cast iron or stainless steel.

Smart and Specialized Solutions

- **MAGNA:** Bluetooth-enabled system control via the Grundfos GO app, ideal for advanced monitoring.
- **ALPHA & UPS Series 100:** High-efficiency circulators for heating and cooling systems, praised for easy installation.
- **SL & SEG Pumps:** Submersible sewage solutions with grinders (SEG) or vortex impellers (SL), handling wastewater and sludge.

• SPP Pumps: Engineered for Durability and Fire Safety

SPP Pumps excel in fire protection and industrial applications, offering unmatched longevity and performance.

Fire Protection Systems

Split Case Pumps: Robust horizontal pumps with capacities up to 19,000 liters/min, including UL-listed models for large-scale fire suppression.

- **Vertical Turbines:** Submerged impellers for suction lift scenarios, widely used in refineries, power stations, and warehouses.
- **End Suction Pumps:** High-temperature-resistant designs (up to 580°F) for hospitals, schools, and hotels.

Vertical In-Line Solutions

- **VTF & Vertical In-Line Pumps:** Pre-wired packages with jockey pumps and controllers, ideal for sprinkler systems in airports, hospitals, and pharmaceutical facilities.

• Peerless Pump Integration

• **PVF (Vertical Turbine) & AEF (Horizontal Split Case):** Compact and reliable fire pumps for commercial and energy facilities.

• **Wilo:** Innovation in High-Pressure and Circulation Systems
Wilo combines efficiency with low-maintenance designs for demanding industrial processes.

High-Pressure Pumps

• **HELIX V:** Multistage vertical pump with laser-welded hydraulics, NSF-61 certification, and corrosion-resistant materials (Stainless Steel 304).

Circulation Solutions

- **STAR/STAR-S & TOP-S:** Wet rotor pumps with quiet operation, cathaphoretic anti-corrosion coating, and easy installation.
- **Surface and Vertical Water Pumps:** Preventive care and expert servicing to maintain smooth operations and prevent disruptions.
- **Sewage Submersibles:** Critical maintenance services that ensure the reliable operation of sewage treatment systems, minimizing the risk of breakdowns and environmental issues.

Landmark Projects: Building Saudi Arabia's Future

Al-Mousa Trading Company has established itself as a leader in Saudi Arabia's water and infrastructure sector, executing high-impact projects that align with the Kingdom's Vision 2030 goals. By combining technical expertise with strategic partnerships, the company has built a reputation for reliability, innovation, and precision, earning the trust of both government entities and private enterprises. Its diverse portfolio showcases a pivotal role in shaping the nation's infrastructure landscape, from enhancing hospital safety with advanced firefighting systems to optimizing water distribution in cultural landmarks.





Key projects include:

- **Umm Al Qura University (2023):** Collaborating with Saudi Aircon Contracting Company and Samir Aboghalia Consulting Office, Al-Mousa supplied chilled water pumps under the Grundfos brand for this government initiative.
- **King Faisal Specialist Hospital and Research Centre (2020):** Working with the same contractor and consultant, Al-Mousa provided fire pumps from SPP to enhance fire safety in this critical healthcare facility.
- **Hilton Hotel (2021):** In partnership with United Constructors and Khatib & Alami, the company supplied booster pumps from Grundfos for this private project.
- **Civil Defense, Hajj Command & Holy Capital Administration (2020):** Al-Mousa delivered booster and fire pumps for the Ministry of Interior, reinforcing safety measures for significant events.
- **King Abdullah Park (2021):** Al-Mousa provided fire pumps for this government project in partnership with Abdul Aziz
- **Al Hajjaj Contracting Est and Khatib & Alami.**
- **King Salman Park – Visitors’ Courtyard (2023):** Collaborating with Solid and WSP, Al-Mousa supplied fire pumps for this cultural landmark.
- **Dallah Hospital (2022):** For this private initiative, Al-Mousa worked with Youssef Marron Contracting Company and Saudi consultants to provide PPR solutions.

Through these landmark projects, Al-Mousa Trading Company continues to contribute significantly to the Kingdom’s infrastructure development, demonstrating its commitment to excellence and innovation in the water and infrastructure sectors.

- **Surface and Vertical Water Pumps:** Preventive care and expert servicing to maintain smooth operations and prevent disruptions.

- **Sewage Submersibles:** Critical maintenance services that ensure the reliable operation of sewage treatment systems, minimizing the risk of breakdowns and environmental issues.

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Recognition and Achievements

Al Mousa Trading Company has proudly received the 2024 Excellence Distributor Award from Grundfos, highlighting its unwavering commitment to quality, customer satisfaction, and technical excellence. This prestigious recognition underscores the strength of the partnership between Al Mousa Trading and Grundfos, reflecting their shared vision of delivering high-efficiency water solutions throughout Saudi Arabia. The company expresses gratitude to its dedicated team and loyal clients for making this achievement possible and remains focused on enhancing engineering solutions and sustainable performance.

Additionally, Al Mousa Trading Company successfully conducted a comprehensive witness test for Grundfos water pumps at its Riyadh facility, specifically for the Arar University Project. This test involved collaboration with consultants, contractors, and end users to validate critical technical parameters, including flow rate, efficiency, power consumption, amperage, voltage, net positive suction head (NPSH), vibration levels, and RPM. The results confirmed that the pumps met all project specifications, ensuring optimal performance and reliability. This successful witness test demonstrates Al Mousa Trading Company's commitment to maintaining high standards and delivering efficient, dependable solutions for its clients.

CONCLUSION

Al-Mousa Trading Company is redefining water and infrastructure solutions through innovation, strong partnerships, and a commitment to sustainability. By integrating smart technologies, high-performance pumps, and expert engineering, the company supports Saudi Arabia's Vision 2030 and global infrastructure advancements. For cutting-edge water pump solutions, trust Al-Mousa Trading Company—where quality meets excellence.



Al-Mousa Trading Co. is no longer Just a Supplier of pumps

Now Available:

Filtralite® is now available through Al Mousa Trading Co. — the perfect complement to your water and wastewater treatment needs.

Filtralite® is a high-quality filtration media, widely recognized for its effectiveness in water and wastewater treatment, particularly

Whether you're in the municipal, industrial, or aquaculture sectors, Filtralite provides a reliable solution to meet your filtration needs.



Online Webinar

Al-Mousa Trading Co. Leads the Pumps World

Key highlights:

- Leadership in the global pumps market
- Overview of pump technologies from top manufacturers
- Selecting the right pump & after-sales support
- Real case studies with clients
- Future vision of Al-Mousa Trading Co.

Watch the full recorded session on YouTube



Presented by:
Eng. Ahmed Mustafa
Sales Manager
Al-Mousa Trading Co.



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From Supplier to Solution Partner: The Al Mousa Approach to Water Systems Integration



In the rapidly evolving infrastructure landscape of Saudi Arabia, delivering water systems is no longer just about supplying pumps and pipes. It's about delivering performance, reliability, and long-term value right from design to post-installation support. This shift in expectations has redefined the role of suppliers, and Al Mousa Trading Co. has embraced this transformation by positioning itself not merely as a product vendor, but as a true solution partner.

Beyond Products: A Modern Vision of Water Infrastructure

Since its founding, Al Mousa Trading Co. has

understood that modern projects, whether residential compounds, industrial complexes, hospitals, or mega developments require more than just supply of the components. They demand integrated, engineered systems that meet strict technical, environmental, and performance criteria.

Since its founding, Al Mousa Trading Co. has understood that modern projects, whether residential compounds, industrial complexes, hospitals, or mega developments require more than just supply of the components. They demand integrated, engineered systems that meet strict technical, environmental, and performance criteria. That's why Al Mousa's scope of work goes

far beyond procurement. The company offers a full suite of services that includes:

- Technical consultation and design review.
- Energy and flow analysis.
- Site supervision and installation oversight.
- Testing, commissioning, and system validation.
- Post-sales service and maintenance work.

By combining equipment supply with engineering expertise, Al Mousa ensures that every pump, pipe, or valve fits into a bigger, optimized system.



Global Technologies, Local Integration

As an authorized partner of leading global brands such as Grundfos, SPP Pumps, Peerless, Wilo, and Filtralite, Al Mousa Trading brings world-class technology into the Saudi market. But what sets the company apart is how it adapts those technologies to local conditions considering everything to municipal regulations and water resource constraints.

On-the-Ground Experience = Better System Design

Al Mousa's strength lies in its hands-on experience across hundreds of water-related projects. Its team understands how to:

- Select the right pump or filtration system based on local flow patterns and water quality.
- Meet or exceed the Water industry important approvals required in KSA.

- Navigate approvals, testing, and commissioning with local municipalities and authorities.

These insights save clients time, cost, and reduce the risk of redesigns or system failures.



Strong Local Networks and Global Partnerships

Over the years, Al Mousa Trading has developed strong ties with:

- Government and semi-government agencies.
- Local contractors, developers, and consultants.
- Authorized service centers and certified technicians.

This network allows Al Mousa Trading to act as a bridge between international technology and local implementation, ensuring that global innovations are applied successfully on Saudi soil.

Recent Projects: Engineering Excellence in Action

From the SPP fire pump systems installed at Masar Makkah to the acoustic drainage solutions delivered at Dallah Al Arid Hospital, Al Mousa Trading value lies in solving complex challenges through real-world understanding.

Each project showcases how local technical depth, regulatory familiarity, and site-specific experience make a measurable difference in project outcomes.

Core Capabilities: End-to-End Water Systems

Al Mousa Trading success stems from its comprehensive approach in supplying, and supporting water and mechanical systems across residential, commercial, industrial, and municipal sectors. The company's portfolio includes:

- Water supply & pressure boosting systems
- Firefighting pump sets (UL/FM approved)
- HVAC & chilled water circulation
- Submersible & deep well pumping
- Stormwater and sewage management
- Water treatment & filtration technologies
- Thermal & heating solutions
- Specialized piping systems (HDPE, PPR, PEX, Acoustic)

At Al-Mousa Trading, we believe that supplying equipment is not enough, we are partners in sustainable water transformation.

As the Kingdom accelerates toward Vision 2030, energy efficiency and long-term operational resilience are no longer optional, they are essential. Our focus goes beyond short-term supply. We engineer optimized water solutions that are designed to minimize electrical consumption, reduce maintenance, and deliver long-lasting performance in harsh operating conditions.

By aligning with national goals for water conservation, renewable integration, and operational efficiency, Al-Mousa Trading is not just supporting today's infrastructure we are building the foundations for the next generation of water systems in Saudi Arabia.



"Al-Mousa Trading Wraps Up Masar Makkah Project"



Scope Highlights:

- Delivery of certified SPP fire pumps.
- On-site installation supervision.
- Commissioning in line with international fire protection standards.
- In partnership with SPP Pumps – a global leader in fire systems.
- Raising the bar in safety, reliability, and engineering excellence.
- Supporting Saudi Arabia's Vision 2030 through world-class infrastructure.



Al-Mousa Trading proudly completed the supply and commissioning of 4 certified SPP fire pump sets at the prestigious Masar Makkah car park facility.



Al Mousa Trading Co, a trusted distributor of pumps from leading global brands, partners with SPP to bring world-class pump solutions to the market.

“SPP Pumps is a leading manufacturer of high-quality pump solutions, specializing in fire protection and water pumping systems, delivering performance, reliability, and compliance with international standards.”

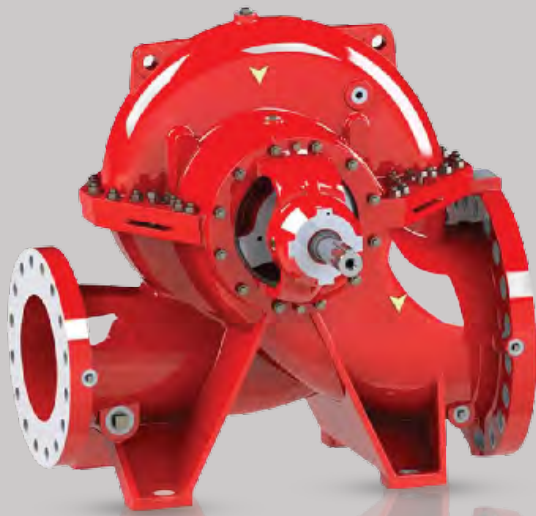


AquaEnergy Expo

SPLIT CASE PUMPS

Specifications:

- Duties range from around 760 litres/min to 19,000 litres/min
The largest UL Listed horizontal fire pump to date – with a capacity of 8,000 USgpm
- Still in use after 70 years of service.



Typical Applications:

Sprinkler systems - Hydrant systems
Deluge systems - Monitor systems
Water curtains

VERTICAL TURBINES

Specifications:

The impellers are fully immersed in water, maintaining priming at all times
Pumps are driven by vertical electric motors or by diesel engines through a right-angle gearbox



Typical Applications:

- * Sprinkler systems
- * Hydrant systems
- * Deluge systems
- * Monitor systems

Typical Installations:

- * Manufacturing Facilities
- * Warehouses
- * Power Stations & Refineries
- * Fuel Storage Depots

END SUCTION PUMPS

Specifications:

- One of the simplest types of centrifugal pump that features motor slide rails and a back pull out design allowing for ready access and ease of maintenance
- A precision-made pump suitable for electric/diesel drives, designed to withstand temperatures of up to 580°F

Typical Applications: Typical Installations:

- * Sprinkler systems
- * Hydrant systems
- * Monitor systems
- * Water curtains
- * Supermarkets
- * Hospitals
- * Schools and Colleges
- * Hotels
- * Office Buildings



VERTICAL IN-LINE PUMPS

Specifications:

- Available for duties from 200 to 1500 US gallons per minute (USGPM)
- Suitable for electric drives only
- Can be offered as pre-wired packages that include a limited or full-service controller
- Additional piping, valves and sensing lines are available with the in-line packages
- This package also includes a jockey pump and jockey pump controller

Typical Applications: Typical Installations:

- * Sprinkler Systems
- * Hydrant Systems
- * Deluge Systems
- * Monitor Systems
- * Water Curtain
- * Office Buildings
- * Hospitals, Airports
- * Manufacturing Facilities
- * Power Stations
- * Pharmaceutical Facilities



Significant Development Projects Supplied and Commissioned with SPP Fire Pump Sets in KSA



King Abdullah Park



**King Faisal Specialist Hospital
and Research Centre**



Masar Makkah Project

Scope of Work:

- Supply of SPP Certified Fire Pump Sets.
On-site Supervision for Installation of Fire Pumps.
- Testing and Commissioning in Compliance with International Fire Protection Standards.

Al Mousa Trading – Supplying Pumps & Mechanical Solutions from Around the World to Build Saudi Infrastructure


Polypropylene Pipes and Fittings













Saudi Arabia's development is moving at an unprecedented pace. Cities are expanding, industries are growing, and infrastructure demands are evolving. At the heart of this transformation lies one of the nation's most valuable resources - water. Managing it efficiently is not just an engineering task; it's a national priority.

For over two decades, Al Mousa Trading Co. has been more than a supplier of water systems - we have been a trusted partner in designing, delivering, and supporting solutions that help shape the Kingdom's water future.

Delivering Performance Across Every Drop

In the dynamic infrastructure landscape of Saudi Arabia, delivering water and mechanical systems requires more than just selling equipment. It demands engineering expertise, reliable technology, and long-term operational support. At **Al Mousa Trading Co.**, our product portfolio is built to serve this vision - ensuring that every system we supply is optimized for performance, energy efficiency, and durability in the Kingdom's unique operating conditions.



Beyond Supply: Engineering Value in Every System

Since our establishment, we have understood that projects - whether they are high-rise commercial towers, industrial facilities, hospitals, or mega developments - require fully integrated solutions, not isolated components.

That's why we combine equipment supply with technical consultation, design review, installation oversight, and after-sales service.

Our approach ensures that every pump, pipe, or filtration unit becomes part of a seamlessly engineered system that meets the highest technical, environmental, and operational standards.

Core Product Categories

1. Booster & Submersible Pumps – Grundfos Excellence

“ We deliver Grundfos booster systems that provide stable water pressure and optimized flow, meeting the needs of residential, commercial, and municipal projects. Submersible pumps are engineered to handle deep wells, sewage, and storm-water applications with unmatched reliability. ”

2. Firefighting Pump Systems – Safety Meets Compliance

As an authorized partner for SPP and Peerless (UL/FM), we supply firefighting systems that meet global safety benchmarks and Saudi Civil Defense requirements. Designed for uninterrupted emergency performance, these systems protect critical infrastructure when it matters most.

3. Piping Systems – Strength and Reliability

From HDPE and PPR to Fittings and Acoustic Soil & Waste Systems, we offer piping solutions for potable water, industrial lines, and noise-reducing drainage. Each material is selected for its durability, chemical resistance, and compliance with local standards.

4. Water Treatment & Filtration Technologies

Our portfolio includes multimedia filters, copper-silver ionization units, and filtration media that improve water quality, reduce chemical dependency, and ensure compliance with environmental regulations.

5. Thermal & Heating Solutions

From boilers and calorifiers to heat pumps and solar thermal systems, our heating solutions combine efficiency with long-term reliability, serving hospitality, healthcare, and industrial sectors.

Our Approach to Engineering Reliability

Reliability at Al Mousa Trading Co. is the result of:

1. Proven Technology

We partner with world-leading brands including Grundfos, Wilo, SPP Pumps, Peerless, dBlue, and Filtralite and many more companies known for their engineering excellence and rigorous quality standards.

- **Pumping Systems:** Designed to handle high demand, harsh environmental conditions, and extended operating cycles.
- **Filtration & Treatment:** Advanced technologies that maintain water quality and protect downstream systems.
- **Piping Systems:** Materials selected for durability, chemical resistance, and low maintenance. By sourcing from these trusted manufacturers, we ensure that our solutions start with the highest-quality components available in the market.

2. Engineering Expertise

Supplying a pump or a pipe is one thing; integrating it into a fully functioning system is another. Our technical team provides:

- **Design Review & Consultation:** Ensuring the system meets capacity, pressure, and flow requirements without overloading equipment.
- **Site Supervision:** Overseeing installation to guarantee compliance with design specifications.
- **Testing & Commissioning:** Conducting factory acceptance tests and site acceptance tests to verify performance before handover.

This approach ensures that every system operates exactly as intended from day one.

3. Long-Term Support

Reliability doesn't end at commissioning - it must be maintained throughout the system's lifecycle. We provide:

- **Preventive Maintenance Programs:** Scheduled inspections and servicing to prevent breakdowns.
- **Rapid Response Service:** Quick response and parts replacement to minimize downtime.
- **Upgrades & Retrofits:** Modernizing existing systems with newer, more efficient technologies.

Our after-sales service ensures that clients are never left without support.





Technology + Local Expertise = Long-Term Performance

As an authorized partner of world-leading brands, we bring global innovations into the Saudi market - but our value lies in adapting these technologies to local water conditions, municipal requirements, and climate challenges. With hands-on experience across hundreds of projects, our team ensures that every product performs at its peak from commissioning to years of operation.

Comprehensive Range of Water & Mechanical Solutions

Al Mousa Trading success comes from its comprehensive approach in supplying and supporting water and mechanical systems across residential, commercial, industrial, and municipal sectors. The company's portfolio includes:

- Water supply & pressure boosting systems
- Firefighting pump sets (UL/FM approved)
- HVAC & chilled water circulation
- Submersible & deep well pumping
- Stormwater and sewage management
- Water treatment & filtration technologies
- Thermal & heating solutions
- Specialized piping systems (HDPE, PPR, PEX, Acoustic)
- Swimming Pool & water features.

Commitment to Vision 2030

As Saudi Arabia works toward **Vision 2030**, water security and sustainability are central goals. Our commitment is clear:

- Provide solutions that save energy and resources.
- Support national projects with global technologies adapted to local needs.
- Build infrastructure that can serve communities for generations.

Al Mousa Trading Co. – Your Partner in Integrated Water & Mechanical Solutions



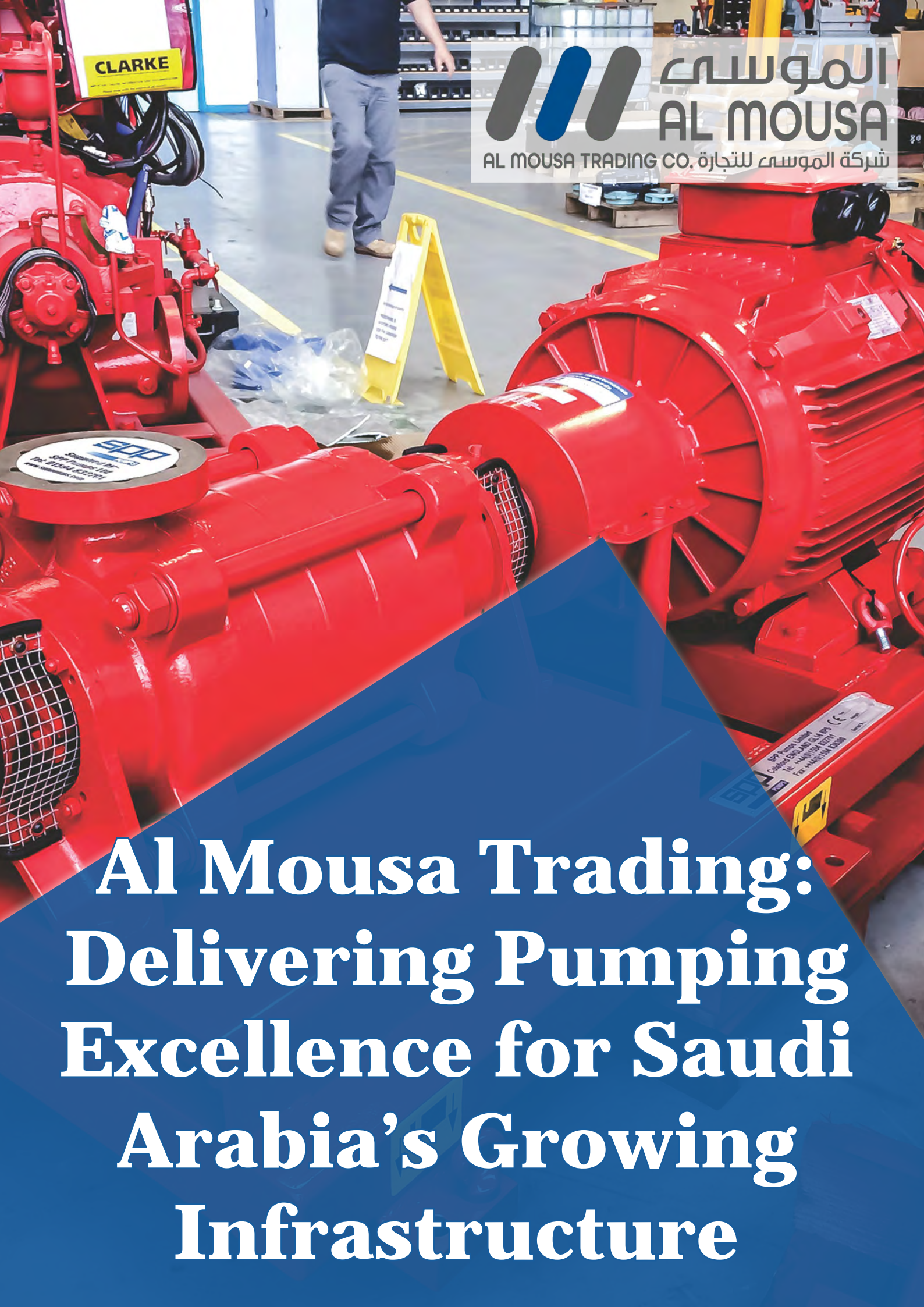
AL-MOUSA TRADING CO. PORTFOLIO INCLUDES

- Water supply & pressure boosting systems
- Firefighting pump sets (UL/FM approved)
- HVAC & chilled water circulation
- Submersible & deep well pumping
- Stormwater and sewage management
- Water treatment & filtration technologies
- Thermal & heating solutions
- Specialized piping systems (HDPE, PPR, PEX, Acoustic)
- Swimming Pool & water features.



Supplying solutions from global brands including:





CLARKE



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**Al Mousa Trading:
Delivering Pumping
Excellence for Saudi
Arabia's Growing
Infrastructure**

From residential communities and hospitals to mega projects and industrial facilities, reliable pumpingsystemsareessentialtoensureefficiency, safety, and sustainability. In Saudi Arabia, where ambitious projects are reshaping cities and entire regions, Al Mousa Trading Co. has emerged as a trusted leader in delivering world-class pump solutions.

Founded in 2017 as part of the Al Mousa Group Ltd., the company builds on more than two decades of expertise in water, energy, and infrastructure. Today, Al Mousa is recognized for its strong technical capabilities, exclusive partnerships with leading global brands, and its ability to deliver tailored pump solutions for diverse applications.

A Wide Range of Pumping Solutions

Al Mousa Trading provides one of the most comprehensive pump portfolios in the Kingdom. Its systems are engineered to meet the highest standards of performance and compliance, addressing the full spectrum of client needs:

- **Booster Pumps:** Ideal for residential, commercial, and high-rise buildings where stable water pressure is critical.
- **Submersible Pumps:** Robust solutions for groundwater extraction, sewage handling, and stormwater management.
- **Firefighting Pumps (UL/FM certified):** Diesel and electric systems ensuring safety in compliance with global fire codes.
- **HVAC and Chilled Water Pumps:** Optimized for energy efficiency in cooling and heating systems.
- **Sewage and Drainage Pumps:** Designed to handle demanding environments and ensure uninterrupted utility operations.



This versatility allows Al-Mousa to support projects ranging from municipal waterworks and hospitals to industrial plants, airports, and urban developments.

Engineering with Pump Performance Curves

Choosing the right pump goes far beyond product availability; it requires deep technical expertise. Al-Mousa's engineers rely on pump performance curves (Q–H curves), which map the relationship between flow rate (Q) and head (H). These curves are essential tools in designing efficient systems, helping to identify the best operating point that maximizes performance while minimizing energy consumption.

By carefully analyzing pump curves in the context of system requirements—such as fluid type, material compatibility, energy efficiency targets, and control options like VFDs (Variable Frequency Drives)—Al Mousa ensures that every pump supplied is not just functional, but optimized for long-term reliability and sustainability.

Key Considerations in Pump Selection

Al Mousa guides its clients through a structured process of pump selection, based on critical factors such as:

- o **Application Requirements** – Flow rate, head, and pressure needs differ between domestic supply, fire-fighting, and industrial processes.
- o **Material Compatibility** – Stainless steel, cast iron, or bronze pumps are selected depending on water quality and usage conditions.

Comprehensive After-Sales Support

- **Installation & Commissioning Assistance** – ensuring systems start up smoothly and efficiently.
- **Spare Parts Availability** – reliable supply of original components for uninterrupted operation.
- **Preventive Maintenance Plans** – proactive care to extend equipment lifespan and reduce downtime.
- **Engineering Solutions** – expert advice tailored to specific project needs.
- **Emergency Response** – quick, professional support whenever it is needed most.

A Partner in Iconic Projects

Al Mousa's track record speaks for itself.

The company has supplied and installed pumps for some of Saudi Arabia's most high-profile developments, including:

- **King Abdullah International Gardens** – by providing reliable chilling water pumps for this landmark green space.
- **Dr. Sulaiman Al Habib Hospitals** – by supplying chilled water pumps ensuring critical healthcare infrastructure operates smoothly.
- **King Salman Park (Royal Art Complex and Visitor Pavilion)** – booster and chilled water pumps supporting one of the world's largest urban parks.
- **The Red Sea Project and Diriyah Gate** – advanced domestic and fire pump systems for mega projects shaping the Kingdom's cultural and tourism future.

Beyond Pumps: Complete Solutions Under One Roof

While pumps remain at the core of Al Mousa's expertise, the company's capabilities extend far beyond. Clients benefit from after-sales services including installation, commissioning, preventive maintenance, and emergency support, backed by a strong local inventory of spare parts.

In addition, Al Mousa Trading offers thermal & heating systems (boilers, solar panels, heat pumps), piping solutions (PPR, HDPE, PEX, and acoustic systems), and pool & water features (swimming pools, water features, spas, and saunas). The company also offers filtration solutions including Filtralite® Pure for desalination and drinking water treatment and Filtralite® clean for wastewater treatment. This broad portfolio positions the company as a one-stop partner for water, energy, and wellness infrastructure across Saudi Arabia.

“ These achievements highlight Al Mousa's ability to adapt to diverse project requirements while maintaining uncompromising quality. ”





Conclusion

As Saudi Arabia advances toward its Vision 2030 goals, the demand for reliable, efficient, and sustainable water systems will continue to grow. With its unmatched expertise in pumps, strong partnerships with leading global brands, and commitment to engineering excellence, Al Mousa Trading Co. is perfectly positioned to support the Kingdom's most ambitious projects.

By focusing on pumps while offering a full suite of complementary solutions, Al Mousa continues to reinforce its role as a trusted partner for shaping the future of water infrastructure in Saudi Arabia.



AquaEnergy Expo

Magazine

Blue | Green | Sustainable | Smart



الموسى

AL MOUSA

شركة الموسى للتجارة AL MOUSA TRADING CO.

Explore more about
Al-Mousa Trading Co. water
solutions via Aqua Energy
Virtual Expo



YOUR TRUSTED PARTNER IN WATER & ENERGY SOLUTIONS

- **Booster Pumps** – Reliable pressure for residential & high-rise buildings
- **Submersible Pumps** – Groundwater, sewage & stormwater handling
- **Firefighting Pumps (UL/FM)** – Safety you can trust
- **HVAC & Chilled Water Pumps** – Energy-efficient cooling & heating
- **Sewage & Drainage Pumps** – Robust performance for tough conditions

BEYOND PUMPS:

- **Thermal & Heating Systems** (boilers, solar panels, heat pumps)
- **Piping Solutions** (PPR, HDPE, PEX, acoustic)
- **Pools & Water Features** (swimming pools, spas, saunas)
- **Filtration Solutions** – Filtralite® Pure & Clean

BACKED BY GLOBAL EXPERTISE, TRUSTED IN ICONIC SAUDI PROJECTS.

AL MOUSA TRADING CO. – DELIVERING EXCELLENCE FOR SAUDI ARABIA'S INFRASTRUCTURE



Engineering Excellence: Inside Al Mousa Trading Co.'s Global Partnerships and Local Impact

In the heart of Saudi Arabia's transformation journey, where innovation and sustainability form the core of national progress, Al Mousa Trading Co. stands as a symbol of engineering reliability and technical excellence. For the past decade, the company has played a leading role in shaping the Kingdom's water, HVAC, and energy sectors delivering solutions that blend global expertise with local understanding.

A Strong Foundation of Reliability

Founded with a vision to deliver world-class engineering solutions to the Saudi market, Al Mousa Trading Co. has grown to become one of the country's most trusted names in pumping, HVAC, energy, and water treatment systems. From its earliest days, the company understood that reliability is not just a feature it's the foundation of long-term partnerships.

A Diverse Range of Engineering Solutions

Today, Al Mousa's portfolio covers a wide spectrum of specialized solutions, including: **Water Pumping Systems:** Submersible, booster, circulation, chillers, air handling units, sewage, stormwater, treatment, and firefighting pumps.



Energy & Heating Solutions: Boilers, calorifiers, solar heating systems, and heat pumps.

Filtration & Water Treatment: Multimedia filters, copper-silver ionization, and filtration media such as Filtralite.

Piping Systems: PPR, HDPE, PEX, and acoustic soil & waste systems.



Swimming Pool & Water Features Solutions

Through this diverse range, Al Mousa ensures that every system — whether for a hospital, commercial building, industrial plant, or infrastructure project performs with efficiency, sustainability, and precision.

Partnerships That Reflect Quality

A defining feature of Al Mousa’s success lies in its strategic partnerships with internationally recognized brands. The company proudly collaborates with world leaders such as:

- Grundfos
- SPP Pumps
- Viessmann
- Aliaxis
- Aquaterra
- Stalwart, and many more
- Wilo
- Peerless
- Balmoral Tanks
- Filtralite
- Unidelta

Each partnership represents a shared commitment to engineering excellence and sustainable progress. Through these alliances, Al Mousa brings global technology to Saudi infrastructure, ensuring that every product and solution meets the highest international standards.

Notable Projects

These collaborations have allowed Al Mousa to play a key role in some of the Kingdom’s landmark projects, including:

- Roshan City
- Royal Commission projects in Jubail and Yanbu
- Jeddah Airport’s sewage treatment plant
- King Abdullah Park
- Many more prestigious projects

Each project is a testament to Al Mousa’s system integration capability the ability to bring together pumps, piping, filtration, and HVAC systems into one cohesive, high-performance solution. By providing not only products but also engineering design support, selection advice, and technical after-sales service, the company ensures optimal functionality and long-term reliability.



Performance Speaks Volumes

- **SPP UL/FM firefighting pumps:** ensuring safety in high-rise buildings
- **Grundfos booster systems:** maintaining water pressure in modern residential complexes
- **Chilled water systems:** enhancing hospital efficiency

Al Mousa Trading’s engineering excellence speaks through performance.



Local Expertise Meets Global Standards

What truly sets Al Mousa apart is its commitment to combining international quality with local expertise. The company's technical teams undergo continuous training with its global partners, ensuring they remain up to date with the latest innovations in pump efficiency, water treatment technologies, and HVAC design.



Knowledge Sharing and Localization

This knowledge-sharing culture enables Al Mousa to localize international best practices and develop solutions that fit the Saudi climate, building standards, and sustainability targets.

Every system installed or supplied by Al Mousa reflects a careful balance between engineering precision and practical adaptability.

Moreover, the company's engineering and sales divisions work closely with consultants, contractors, and facility owners from the early stages of a project ensuring that every solution is efficient, cost-effective, and sustainable over its life cycle.

Looking Toward the Future

As Saudi Arabia accelerates its investment in infrastructure, renewable energy, and sustainable water management, Al Mousa Trading Co. remains steadfast in its mission to deliver world-class technologies and maintain the trust it has earned over decades.

With a growing team of engineers, expanding facilities, and ongoing collaboration with global leaders, Al Mousa continues to set new benchmarks for quality, service, and technical excellence. Its strength lies not only in its products but in the relationships it builds and the solutions it delivers solutions that continue to move the Kingdom toward a more efficient and sustainable future.

Conclusion

Al Mousa Trading Co. stands as a beacon of engineering excellence in Saudi Arabia's evolving infrastructure landscape. By forging strategic partnerships with global leaders, the company enhances its offerings while ensuring they meet local needs. Its diverse portfolio spans water, HVAC, and energy sectors, reflecting a strong commitment to sustainability and efficiency. Landmark projects throughout the Kingdom demonstrate Al Mousa's capability to deliver integrated solutions that drive progress. As Saudi Arabia invests in renewable energy and sustainable practices, Al Mousa is well-positioned to lead the way, reinforcing its reputation as a trusted partner for a more efficient future.





AquaEnergy Expo

Blue | Green | Sustainable | Smart

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AL MOUSA TRADING CO. شركة الموسا للتجارة

AL-MOUSA TRADING COMPANY

Al-Mousa Trading CO. provides innovative water and energy solutions for industrial and commercial sectors in Saudi Arabia and beyond, partnering with leading global brands to deliver reliable, efficient, and sustainable systems.

PRODUCTS



Grundfos Water Pumps



Viessmann Boilers



SPP Fire Pumps



Peerless Fire Pumps



Viessmann Solar Panels



Wilo Water Pumps



Viessmann Heat Pumps



Pentair Swimming Pools



Filtralite® Clean



Filtralite® Pure



PIPES & FITTINGS

ALIAxis/STALWART/UNIDELTA/
AQUATERRA/DOHA REGIONAL



TANKS

STALWART/BALMORAL

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Open Online Webinar

Integrated Pumping and Water System Engineering: From Design to Operation



Eng. Tabish Ahmad

**Technical Support Engineer at
Al-Mousa Trading Co.**



- **Efficient Pumping and Water Distribution Principles**
- **Flow and Pressure Optimization in Water Systems**
- **Swimming Pool Water Quality Management**
- **Energy-Efficient Pool System Design**
- **Engineering of Water Features and Fountains**
- **Integrated Water System Design and Optimization**
- **Operation and Maintenance Strategies for Water Systems**
- **Installation Workflow & Site Execution challenges & Solutions**

Watch the full recorded session on YouTube



Al-Mousa Trading Company is the official regional distributor of Filtralite®, offering Filtralite® Pure for drinking water and desalination, and Filtralite® Clean for wastewater and industrial treatment designed for high efficiency and durability.

FILTRALITE® PURE

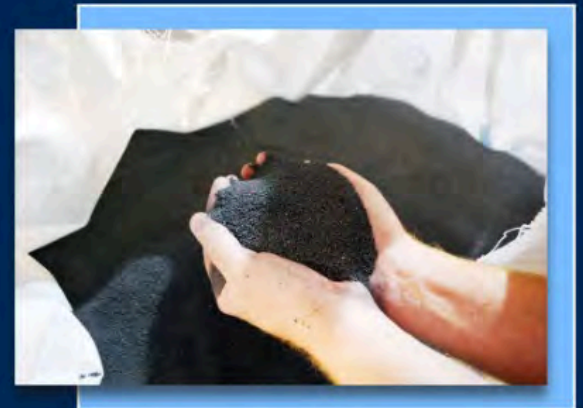
Filtralite® Applications:

Physical Filtration (Mono & Dual Media):

- Lower initial and slower increasing head loss
- Higher storage capacity
- Reduced backwash frequency

Biofilm Carrier (Fixed Bed Treatment):

- Large surface area for biofilm growth
- High macroporosity
- Lightweight with strong abrasion resistance



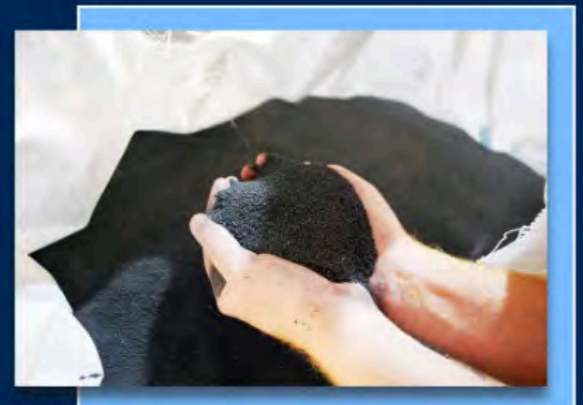
Filtralite® Clean

Biofilm Carrier (Fixed Bed Treatment):

- Large surface area and high void ratio for biofilm growth
- High macroporosity for efficient volumetric treatment
- Lightweight and abrasion-resistant

Tertiary Granular Filtration:

- Lower initial and slower increasing head loss
- Higher particle storage capacity
- Reduced backwash frequency and operational costs



Al-Mousa Trading Co
is proud to announce its
strategic partnership with
Viessmann, a global leader
in heating and energy solutions.

This collaboration allows them to
offer the latest technologies and
high-efficiency products that meet
market demands

VIESSMANN

They are committed to providing innovative and environmentally friendly heating systems, contributing to sustainability and energy savings. This partnership marks a significant step towards a more efficient and comfortable future.

Category 1 : Boilers

VITOMAX LH

Low-Pressure Hot Water Boiler (up to 110°C)

- **Fuel Flexible & H₂ Ready:** Hydrogen, natural gas, fuel oils, biogases, bio-oils, and more.
- **Durable & Efficient:** Paired corner stays, optimized flame tubes for clean combustion.
- **Maintenance-Friendly:** Long inspection intervals, easy access for servicing.
- **Versatile Applications:** Suitable for various industries.

Technical Specifications:

Output range (capacity)	0.65 to 22.0 MW
Operating Pressure	6, 10, 16 bar
Efficiency	95.5 %



Boilers

VITOMAX HW

High-Pressure Water Boiler (up to 150°C)

- **Fuel Flexible & H₂ Ready:** Hydrogen, natural gas, fuel oils, biogases, bio-oils, and more.
- **Durable & Efficient:** Paired corner stays, optimized flame tubes for clean combustion.
- **Maintenance-Friendly:** Long inspection intervals, easy access for servicing.
- **Versatile Applications:** Suitable for a wide range of industries

Technical Specifications:

Output range (capacity)	0.35 to 20.0 MW
Pressure levels	0.5 to 25 bar
Working temperature	> 110 °C
Safety temperatures	≤ 210 °C
Efficiency	95.5 %



Boilers

VITOMAX LW M60

High-Pressure Steam Boiler (1bar, reducible to 0.5bar)

- **Efficient & Clean:** Three-pass design with low combustion chamber load; integrated steam drier for high-quality steam.
- **Energy-Saving:** Thermally insulated body reduces heat loss.
- **Easy Installation & Maintenance:** Load-bearing cover; pre-assembled, plumbed, and wired options.
- **Applications:** Ideal for laundries, bakeries, and low-pressure steam needs.

Technical Specifications:

Output range (capacity)	0.26 to 2.2 t/h
Pressure levels	0.26 to 2.2 t/h.
Efficiency	91.5 %



Boilers

VITOMAX HS

High-Pressure Steam Boiler (6–30bar, PED Category IV)

- **Fuel Flexible & H₂ Ready:** Supports hydrogen, natural gas, fuel oils, biogases, bio-oils, and more.
- **High-Quality Steam:** Precisely sized chamber with integral steam drier; low load for clean steam.
- **Durable & Service-Friendly:** Optimized flame tubes, corner stays, long inspection intervals, easy access for maintenance.
- **Applications:** Food processing, fertilizers, construction materials, paper, beverages, chemicals, pharmaceuticals, hospitals, refineries.

Technical Specifications:

Output range (capacity)	0.5 to 31.5 t/h.
Pressure levels	0.5 to 30 bar
Efficiency	over 95.5 %



Boilers

VITODENS 100-W

Vitodens 100-W – Wall-Mounted Gas Condensing Boiler

- **High Efficiency:** 95% AFUE; modulating Matrix-Plus burner with stainless steel Inox-Radial exchanger.
- **Smart & Connected:** Built-in WiFi, Mobile Care app, 3.5" LCD screen; adjustable control panel.
- **Compact & Flexible:** Lightweight, zero clearance, multiple venting options up to 180ft; natural gas or propane.
- **Easy Installation & Service:** Bottom pipe connections; front-accessible components; BIKE models with on-demand DHW.



Technical Specifications:

Output range (capacity)	8.5 to 199 MBH.
High efficiency	95%

Boilers

VITODENS 200-W

Vitodens 200-W B2HE – Wall-Mounted Gas Condensing Boiler

- **High Efficiency:** Up to 98% efficiency, 95% AFUE.
Smart & User-Friendly: 7" touchscreen, built-in WiFi, ViCare app.
- **Flexible Heating:** Supports 4 circuits; natural gas or propane compatible.
Compact & Versatile: Multiple venting options, adjustable control panel, ideal for tight spaces.
- **Modern Value:** Advanced technology with easy installation.



Technical Specifications:

Size	198 ft (60 m).
Output range (capacity)	8.5 to 199 MBH.
High efficiency	98%

Boilers

VITODENS 300-CU3A

Vitocrossal 300 CU3A – Floor-Standing Gas Boiler

- **Durable & Efficient:** Stainless Steel Inox-Crossal exchanger; 95% AFUE.
- **Clean Combustion:** Matrix Dome burner with 5:1 turndown ratio; self-calibrating system.
- **Flexible & High-Capacity:** Supports multi-boiler setups up to 1,592MBH; no dedicated pump needed.
- **High Flow & Versatile Venting:** Wide water passages, up to 194°F (90°C), vent lengths up to 198ft.

Technical Specifications:

Size	198 ft
Output range (capacity)	19 to 199 MBH.
High efficiency	95%
Working temperature	194°F (90°C).



Boilers

VITODENS 200-W B2HA

Vitodens 200-W B2HA – Wall-Mounted Gas Condensing Boiler

- **High Efficiency:** Up to 95% AFUE; wide input 12–530MBH.
- **Smart & Flexible:** Modulating stainless steel burner; ViCare app remote monitoring.
- **Versatile Installation:** Single or cascaded (up to 4,240MBH); common venting up to 180ft.
- **Fuel Flexibility:** Natural gas or propane; intelligent combustion adapts automatically.
- **User-Friendly:** Large color display and advanced control system.

Technical Specifications:

Size	180ft
Output range (capacity)	12 to 530 MBH.
High efficiency	95%



Boilers

VITODENS 222-F

Compact Gas-Fired Condensing Boiler

- **Dual Function:** Space heating + 26.5USG domestic hot water.
- **Complete & Efficient:** Expansion tank, circulation pump; up to 98% efficiency, 95% AFUE.
- **Smart & Flexible:** ViCare app compatible; natural gas or propane; Lambda Pro combustion.
- **Space-Saving & Easy Install:** Small footprint, pre-installed relief valves, adjustable leveling feet.

Technical Specifications:

Output range (capacity)	12 to 125 MBH.
High efficiency	98%



Boilers

VITOCROSSAL 200 C12

Vitocrossal 200 C12 – Floor-Standing Gas Condensing Boiler

- **High Efficiency:** Up to 98% thermal efficiency, reducing energy costs.
- **Compact & Smart:** Small footprint, 7" touchscreen, built-in WiFi for remote control.
- **Advanced Combustion:** Lambda PrO₂ self-calibrating technology; supports multiple venting options.
- **High Modulation:** 30:1 turn-down ratio with MatriX cylinder burner.
- **Digital Control:** Viessmann One Base platform with ViGuide app integration.
- **Easy Setup & Service:** Designed for quick installation and maintenance.

Technical Specifications:

Output range (capacity)	399 - 2000 MBH
High efficiency	98%



Boilers

VITODENS 200-W CASCAD SYSTEM

Vitodens 200-W Prefabricated Multiple Boiler System

- **High Efficiency:** Excellent turn-down ratio.
- **Increased Capacity:** Up to 4,240MBH for large applications.
- **Reliable Operation:** Multiple boilers ensure continuous service.
- **Space-Saving:** Ideal for small boiler rooms; flexible floor, corner, or back-to-back installation.
- **Easy Maintenance:** Front-access components; pre-assembled with manifold.
- **Smart Combustion:** Lambda Pro adjusts to gas quality; low-loss header removes air/debris.
- **Complete Package:** All components included for efficient setup.

Technical Specifications:

Capacities	4240 MBH
Output range (capacity)	32 to 4240



Boilers

VITOCROSSAL 300 CA3B

Vitocrossal 300 CA3B – Commercial Gas-Fired Condensing Boiler

- **High Efficiency:** Outstanding thermal performance for commercial applications.
- **Flexible Installation:** Common venting for up to 4 boilers; no dedicated pump needed.
- **Quiet & Low Emissions:** Fully modulating Viessmann pre-mix burners.
- **Easy Fuel Switch:** NG ↔ LP (Dual Fuel models).
- **Ready to Install:** Fully assembled with large water content for efficiency.
- **Smart Integration:** Compatible with building management systems; versatile venting options.

Technical Specifications:

Output range (capacity)	2500 to 6000 MBH.
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Boilers

VITOCROSSAL 200 CM2

Vitocrossal 200 CM2 – Commercial Gas-Fired Condensing Boiler

- **Flexible Capacity:** 131–2,245MBH (single), up to 17,960MBH (cascade).
- **Efficient Heating:** Fully modulating pre-mix burner.
- **Common Venting:** Supports up to 4 boilers.
- **Quiet & Low Emissions:** Extremely low NOx output.
- **Venting Options:** Direct or chimney venting up to 200ft.
- **Easy Setup:** Pre-assembled burner; BMS compatible.

Technical Specifications:

Output range (capacity)	131 to 2245 MBH (single) / 17960 MBH (cascade)
High efficiency	5:1 turn down ratio for precise load matching
Fuel Type	Easy electronic switch between natural gas and propane



Category 2 : Calorifier

Calorifier

Calorifier – Hot Water Storage Vessel

- Provides domestic hot water via indirect or direct heating, without its own burner.
- **Heated by external sources:** Boilers, heat pumps, solar collectors, or indirect systems.
- **Indirect Calorifier:** Uses a coil to transfer heat to water.
- **Types:** Stainless steel, glass-lined, or ceramic-coated; customizable by capacity and pressure.



Heat Pump

Category 3 : Heat Pump

Advanced Heat Pump Technology

- Extracts latent heat from air or ground for efficient, eco-friendly heating.
- Can operate standalone or integrate with existing systems.

Types:

- **Air-to-Water:** Customizable outlet temperature.
- **Water-to-Water:** Customizable outlet temperature.

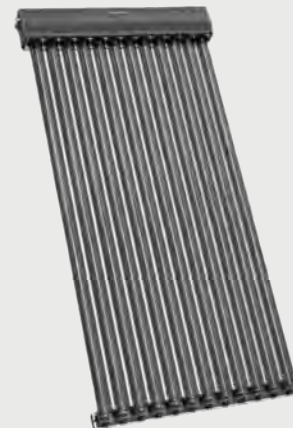


Category 4 : Solar Heating System

Vacuum tube collector

Heat Pump Applications & Installation

- **Uses:** DHW, swimming pools, central heating (via heat exchanger), process heat.
- **Installation:** Flat or pitched roofs, walls, or freestanding units.
- **Benefit:** Versatile heating solutions for diverse settings.

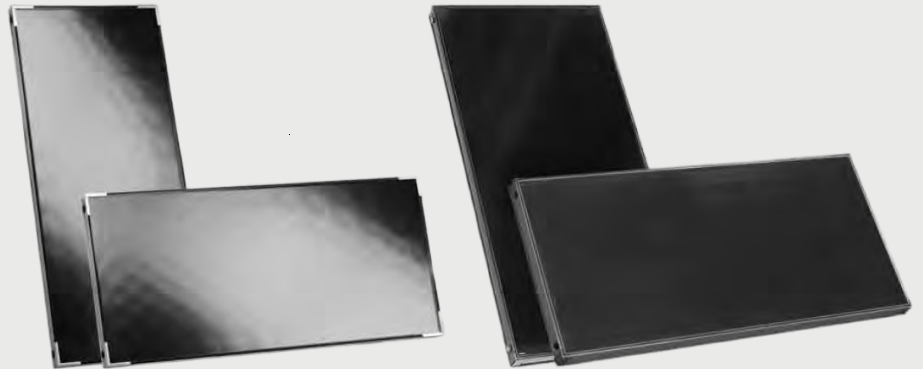


Category 5 : Solar Heating System

Flat plate collector

Heat Pump & Flat Plate Collector Solutions

- **Applications:** DHW, water heating, swimming pool heating.
- **Installation:** Vertical or horizontal.
- **Collector Types:** Standard (general use) and Coastal (for coastal areas).
- **Benefit:** Versatile heating solutions for diverse needs.



Category 6 : Heating Skid

Heating Skid



Al Mousa Trading Company



**partners with PEERLESS,
a globally trusted UL/FM
approved brand, to deliver high-
performance fire pump solutions.
This strategic alliance combines
proven engineering, international
compliance, and local expertise to
ensure reliable fire protection
for critical commercial and industrial
applications.**

PEERLESS (UL / FM)

TUF / TUTF (HORIZONTAL SPLIT CASE MULTI-STAGE)

Reliable horizontal centrifugal pumps with essential fittings, designed to provide a continuous water supply for fire protection systems and ensure dependable performance in critical situations.

Applications:

- Commercial Buildings
- Industrial Facilities
- Energy Facilities
- Oil & Gas Facilities
- Power Plants



Technical specifications:

Capacities	50-1,500 gpm (11-340 m ³ /hr)
Head	230-1,530 feet (70-454 m)
Pressure	100-646 psi (6.8-44.5 bar)
Horsepower	Up to 500 hp (372 kW)
Drives Material	Electric motors, diesel engines Materials Cast iron, bronze fitted as standard. Optional materials available for sea water applications.

PEERLESS (UL / FM) VTF (VE4RTICAL IN-LINE PUMPS)

Vertical Turbine Fire Pumps are designed for fire protection systems with below-ground water sources, delivering reliable performance in suction lift applications.

Applications:

- Commercial Buildings
- Industrial Facilities
- Energy Facilities
- Oil & Gas Facilities
- Power Plants
- Marine Applications



Technical specifications:

Capacities	250-5,000 gpm
Head	40-183 psi
Pressure	Dependent on material
Horsepower	Compliant with NFPA, UL, FM
Drives	Electric motors, right angle gear drives, steam turbines, combination drives
Material	Duplex, stainless steel, aluminum, bronze, nickel aluminum bronze, K Monel

PEERLESS (UL / FM) PVF (VERTICAL TURBINE)

Compact in-line centrifugal fire pumps provide a reliable and space-efficient water supply for building fire protection systems.

Applications:

- Commercial Buildings
- Industrial Facilities
- Energy Facilities
- Oil & Gas Facilities
- Power Plants

Technical specifications:

Capacities	50-1,500 gpm (11-340 m ³ /hr)
Head	Up to 406 feet (123 m)
Pressure	Up to 175 psi (12 bar)
Horsepower	Up to 125 hp (93 kW)
Drives	Electric motors
Material	Cast iron, bronze fitted



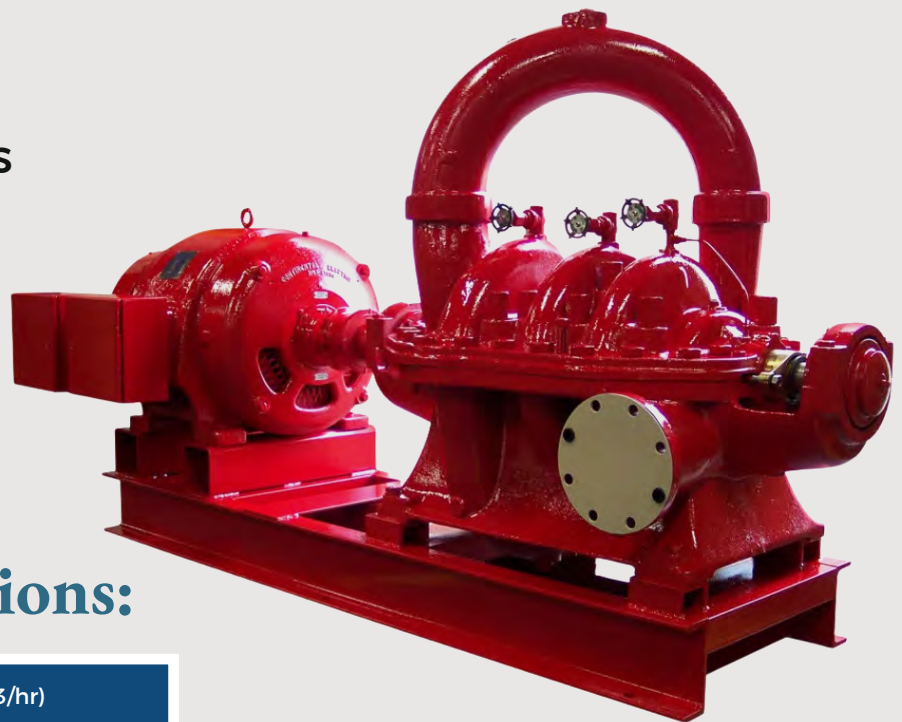
PEERLESS (UL / FM)

AEF (HORIZONTAL SPLIT CASE SINGLE STAGE)

These pumps deliver reliable and efficient performance for fire protection systems across a wide range of commercial and industrial applications.

Applications:

- Commercial Buildings
- Industrial Facilities
- Energy Facilities
- Oil & Gas Facilities
- Power Plants



Technical specifications:

Capacities	250-5,000 gpm (57-1,136 m ³ /hr)
Head	92 to 664 feet (28-202 m)
Pressure	40-288 psi (2.75-19.8 bar)
Horsepower	Up to 1,000 hp (745 kW)
Drives	Electric motors, diesel engines
Material	Cast iron, bronze fitted as standard. Optional materials available for sea water applications



Al Mousa Trading Co. & Wilo in Strategic Alliance: Powering the Future of Mega Projects with Smart Pumping Solutions

As urban development accelerates and the demand for high-performance infrastructure continues to grow, advanced pumping systems have become a critical backbone for the success of modern mega projects. In this context, the strategic partnership between Al Mousa Trading Co. and Wilo represents a powerful integration of global engineering excellence and local execution capabilities delivering reliable, energy-efficient, and technologically advanced pumping solutions across water, building services, and industrial applications.

Global Partnership Driving Engineering Excellence

This partnership combines Wilo's German engineering heritage and innovation leadership with Al Mousa Trading Co.'s strong regional expertise and project execution capabilities. The result goes far beyond equipment supply, offering fully integrated solutions that include system selection, technical support, commissioning, and strict adherence to international standards.

Every pumping system is carefully engineered and optimized based on project-specific requirements ensuring higher operational reliability, lower lifecycle costs, and enhanced efficiency across large-scale developments.

Factory Witness Test: Quality You Can Trust

As part of its strong commitment to quality assurance, Al Mousa Trading Co. conducted a Factory Witness Test (FWT) at Wilo's manufacturing facility in South Korea for the Roshan Sedra Project (Phases 3, 4 & 5).

This rigorous testing process verifies:

- Hydraulic performance under real operating conditions
- Flow stability and system reliability
- Energy efficiency and power consumption
- Full compliance with project specifications

This ensures that every pump system is validated before delivery—minimizing risks and guaranteeing optimal on-site performance.



Advanced Wilo Product Portfolio

Wilo's strength lies in its diverse and highly engineered product range, designed to meet the evolving demands of modern infrastructure.

• Wilo HELIX V

A high-pressure multistage vertical pump designed for demanding water supply and industrial applications. It offers exceptional hydraulic efficiency while significantly reducing energy consumption, with a compact design ideal for space-constrained installations.

- Applications:

Water distribution networks | High-rise buildings | Pressure boosting systems

• Wilo STAR / STAR-S

Designed for efficient water circulation in building services, this series ensures stable, quiet, and energy-efficient operation—making it ideal for HVAC and domestic systems.

- Applications:

Residential buildings | Heating & cooling systems | MEP applications

• Wilo TOP-S

A robust centrifugal pump built for continuous operation, combining high efficiency with low operating costs. Its durability and ease of maintenance make it a reliable solution for medium to large-scale projects.

- Applications:

HVAC systems | Water distribution | Commercial & industrial facilities

• Wilo SCP (Split Case Pumps)

Engineered for large-scale infrastructure, these pumps deliver high flow capacity and long-term operational stability under



demanding conditions—ideal for heavy-duty applications.

- Applications:

Water supply stations | Firefighting systems | Mega infrastructure projects

Smart Technology & Energy Efficiency

Wilo pumping systems integrate advanced smart technologies that enable real-time monitoring, optimized performance, and predictive maintenance. This intelligent approach helps reduce energy consumption while maximizing operational efficiency supporting sustainability goals and reducing overall costs.

Powering the Future of Mega Projects

The Roshan Sedra Project stands as a strong example of how global expertise and local execution can deliver high-performance infrastructure solutions. Through advanced pumping technologies, strict quality control, and intelligent system design, Al Mousa Trading Co. continues to support some of the region's most ambitious developments.

By partnering with Wilo, the company ensures that every project benefits from reliability, innovation, and long-term efficiency driving the future of sustainable infrastructure.

Al Mousa Trading Co. & Wilo in Strategic Alliance: Powering the Future of Mega Projects with Smart Pumping Solutions



- Strategic partnership between Al Mousa Trading Co. and Wilo
- Implemented in Roshan Sedra Project (Phases 3-5)
- Smart, energy-efficient pumping systems
- Tested for performance and reliability (FWT)
- Lower costs, higher efficiency, and sustainable impact



Bringing Global Pumping Excellence to Saudi Arabia



Through its partnership with Wilo, Al-Mousa Trading Co. Delivers reliable, high-efficiency pumping solutions to the Saudi Market — connecting global innovation with local needs. Wilo is A global leader in pump and water management solutions, renowned for its German engineering, innovation, and energy-efficient Technologies serving residential, commercial, and industrial sectors.



Domestic & Irrigation Boosters

HELIX V

Non-self-priming, high-efficiency multistage high-pressure centrifugal pump in vertical design with in-line connections.

Product advantages:

- Optimized efficiency with laser-welded 2D/3D hydraulics for better flow and air elimination
- Impellers, diffusers, and stage housings designed to resist corrosion
- Pump housing optimized for flow and NPSH
- User-friendly maintenance with a strong coupling guard
- NSF-61 certified for safe drinking water (EPDM version)
- Easy serviceability with a cartridge seal design
- Thrust bearings integrated to lower motor stress
- Lifting lugs for convenient handling
- Sturdy heavy-duty pump base
- Made from durable Stansteel304 material

Technical specifications:

Maximum Flow (M3 / H)	380 GPM
Liquid Temperature	20°C to 121°C
Head	800 feet
Pressure	232 PSI or 363 PSI



Circulation Pump

STAR/STAR-S

Wet rotor circulation pump, with flanged or union connections. Pre-selectable speeds to adjust the capacity on "S" versions.

Product advantages:

- Wet rotor technology for reliability
- Easy installation with quick connect wiring
- Strong starting torque for effective operation
- Minimal noise during ultra-quiet operation
- High-temperature monitoring (RFC model)
- Innovative RFC rotating flange design (patent US 8,297,664 B2)

Technical specifications:

Maximum Flow (M3 / H)	38 GPM
Liquid Temperature	-10°C to 110°C
Head	33 feet



Circulation Pump *TOP-S*

Wet rotor circulation pump, with flanged or union connections. Pre-selectable speeds to adjust the capacity on "S" versions.

Product advantages

- No mechanical seal for enhanced reliability
- Quiet operation with low-maintenance wet rotor
- Two-speed operation across all voltage options
- Automatically vented for improved efficiency
- Corrosion protection with cathaphoretic coating
- Sturdy construction using robust cast aluminum
- Compact dimensions for easy installation

Technical specifications:

Maximum Flow (M3 / H)	290 GPM
Liquid Temperature	-10 °C to +120 °C
Head	70 feet



Chilled Water Pump *SCP*

Product advantages:

Horizontal split casing for easy bearing and seal replacement
Double suction design for maximum efficiency
Hydraulically balanced impeller to minimize axial thrust
Tongue & groove neck ring to prevent seizing
Pump shaft guards for added protection

Industrial process

- Efficient hydraulics for high flow rates up to 17,000 m³/h
- Low NPSH thanks to double suction impeller
- High process reliability and easy maintenance without removing the pressure or suction lines
- Decreased noise level and reduced vibrations
- Options: energy efficient IE3-/IE4 motors, drinking water approval (KTW, ACS), innovative
- Ceram CT coating





Al Mousa Trading Delivers
High-Performance Industrial
Water Storage Solutions

In today's industrial landscape, reliable water infrastructure is no longer optional—it is a strategic necessity. Al Mousa Trading continues to set new benchmarks by delivering advanced industrial water storage solutions that combine engineering expertise, proven technologies, and precise execution to support long-term operational performance.

Al Mousa Trading: Engineering Expertise That Powers Reliable Water Infrastructure

Al Mousa Trading is a leading provider of integrated water and pumping solutions, specialising in high-performance systems for industrial and infrastructure projects across the region. With a strong focus on engineering accuracy, technical compliance, and professional execution, the company delivers dependable solutions that enhance efficiency, reliability, and sustainability.

Why Industrial Water Storage Is a Game-Changer for Modern Facilities

Industrial water storage plays a vital role in maintaining operational continuity, managing peak demand, and ensuring process stability. Well-designed storage systems support safety standards, protect production cycles, and reduce operational risks—making the choice of technology and execution partner a critical strategic decision.

Project Spotlight: Siniora Factory – Jeddah

Al Mousa Trading successfully completed the supply and installation of three Glass-Fused-to-Steel (GLS) tanks for the Siniora Factory project in Jeddah. Delivered in collaboration with Al-Mira Contracting Company, the project met all technical specifications, quality standards, and agreed timelines, providing a robust and reliable water storage solution.



From Design to Delivery: Integrated Engineering & Seamless Execution

The project scope covered full coordination, technical compliance, and on-site execution. Al Mousa Trading's engineering and site teams managed every phase with precision, ensuring seamless integration within the factory's infrastructure while minimising risks and optimising installation efficiency.

Why GLS Tanks? A Smart Choice for Long-Term Performance

GLS tank technology is widely recognised for its corrosion resistance, durability, and extended service life. These characteristics make it ideal for demanding industrial environments, delivering consistent performance, reduced maintenance requirements, and long-term protection of water quality.

Built on Quality, Safety, and Full Technical Compliance

Quality and safety were prioritised throughout all project stages. Al Mousa Trading ensured that materials, installation procedures, and site activities complied with all applicable technical and regulatory standards, guaranteeing safe operation, system reliability, and long-term asset integrity.

More Than Installation: Delivering Long-Term Operational Value

Beyond installation, the project reflects Al Mousa Trading's value-driven approach to industrial infrastructure. Through professional project management and engineering expertise, the company delivers solutions that reduce lifecycle costs, optimise operational efficiency, and minimise long-term risks.

Reinforcing Leadership in Industrial Water Infrastructure

The successful completion of the Siniora Factory project strengthens Al Mousa Trading's position as a trusted partner in industrial water infrastructure. Consistent delivery, technical excellence, and commitment to best practices continue to reinforce the company's leadership across the regional market.

The Future Starts Now: Powering Sustainable Industrial Growth

As industries increasingly prioritise resilience, efficiency, and sustainability, Al Mousa Trading remains committed to advancing industrial water storage solutions. By combining proven technologies with expert execution, the company continues to support future-ready infrastructure and sustainable industrial growth.





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Al Mousa Trading Delivers High-Performance Industrial Water Storage Solutions – Siniora Factory, Jeddah

- **Engineering Expertise:** Reliable, integrated water solutions.
- **Industrial Impact:** Optimised storage for continuity & safety.
- **Project Excellence:** GLS tanks successfully installed at Siniora Factory.
- **Smart & Durable:** Long-term performance with low maintenance.
- **Quality & Safety:** Fully compliant materials and execution.
- **Sustainable Growth:** Future-ready water solutions for resilient industries.



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AL MOUSA TRADING CO.

Advanced Pumping Solutions | Built for Long-Term Sustainability
Al-Mousa Trading provides advanced pumping systems and solutions built for efficiency, reliability, and sustainability.



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AL MOUSA TRADING CO.

From supply to installation and after-sales support, Al-Mousa solutions are designed to power critical infrastructure and support industries across Saudi Arabia. From design to delivery - let's engineer your water solutions together.



How Al-Mousa Trading Co. Piping Technologies Are Redefining Performance in Mega Infrastructure Projects

High-performance piping systems are a critical backbone of mega infrastructure projects, directly impacting reliability, efficiency, and long-term operational performance. With the successful completion of the King Abdulaziz International Airport – South Terminal in Jeddah, Al Mousa Trading Co. reinforces its position as a trusted partner in delivering advanced piping solutions at scale, engineered to ensure durability, optimal flow performance, and uninterrupted operation in large, high-demand facilities serving millions of users annually.

Deep Expertise in Large-Scale Infrastructure Delivery

Al Mousa Trading Co. brings extensive experience in infrastructure and piping solutions, enabling it to successfully address the technical and operational challenges of mega projects such as international airports. Through an engineering-driven approach and strict quality standards, the company consistently delivers solutions that ensure safety, efficiency, and long-term reliability in mission-critical environments.

Strategic Partnerships That Add Real Value

In collaboration with AQUATERRA, Al Mousa Trading Co. supplied high-performance PPR and PPR Faser multilayer piping systems, selected to meet the demanding operational requirements of airport infrastructure. This partnership reflects the company’s commitment to working with globally trusted manufacturers to deliver proven, high-quality technologies.



Polypropylene Pipes and Fittings



Key Advantages of PPR and PPR Faser Piping Systems

The PPR and PPR Faser multilayer piping systems used in the South Terminal offer a range of performance advantages essential for large-scale infrastructure projects:

- High resistance to pressure and temperature fluctuations
- Excellent corrosion and chemical resistance
- Long service life with minimal maintenance requirements
- Lightweight structure for faster and more efficient installation
- High hygiene standards suitable for potable water applications
- Reduced lifecycle costs and improved operational efficiency

These advantages ensure reliable, long-term performance across critical water and utility networks within the airport.

Supporting National Infrastructure and Vision 2030

The successful completion of this project reflects Al Mousa Trading Co.’s ongoing commitment to supporting Saudi Arabia’s national infrastructure development. By delivering durable and efficient piping solutions, the company contributes to projects aligned with Vision 2030, supporting sustainable growth, enhanced connectivity, and world-class aviation facilities.

Building Infrastructure Ready for the Future

The King Abdulaziz International Airport – South Terminal stands as a strong example of how engineering expertise, strategic partnerships, and advanced piping technologies come together to create resilient, future-ready infrastructure. Through a consistent focus on quality and performance, Al Mousa Trading Co. continues to deliver solutions that meet today’s demands while supporting long-term operational success.





AquaEnergy Expo

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How Al-Mousa Trading Co. Piping Technologies Are Redefining Performance in Mega Infrastructure Projects



- **High-Performance Piping:** PPR and PPR Faser systems ensure efficient, reliable operation under pressure, temperature, and chemical challenges.
- **Strategic Partnerships:** Collaboration with AQUATERRA delivers trusted, tested piping solutions.
- **Flagship Project:** King Abdulaziz International Airport – South Terminal in Jeddah showcases piping excellence at scale.
- **Supporting Vision 2030:** Contributing to sustainable, world-class infrastructure

Almoussa Trade Services

We offer an extensive range of services including precise installation, thorough maintenance, detailed testing and commissioning, supplying and comprehensive engineering studies. Our focus on quality and innovation, our solutions provide exceptional reliability and efficiency.



Supplying



Maintenance



Installation and Operation



Testing & Commission



Engineering Studies



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