

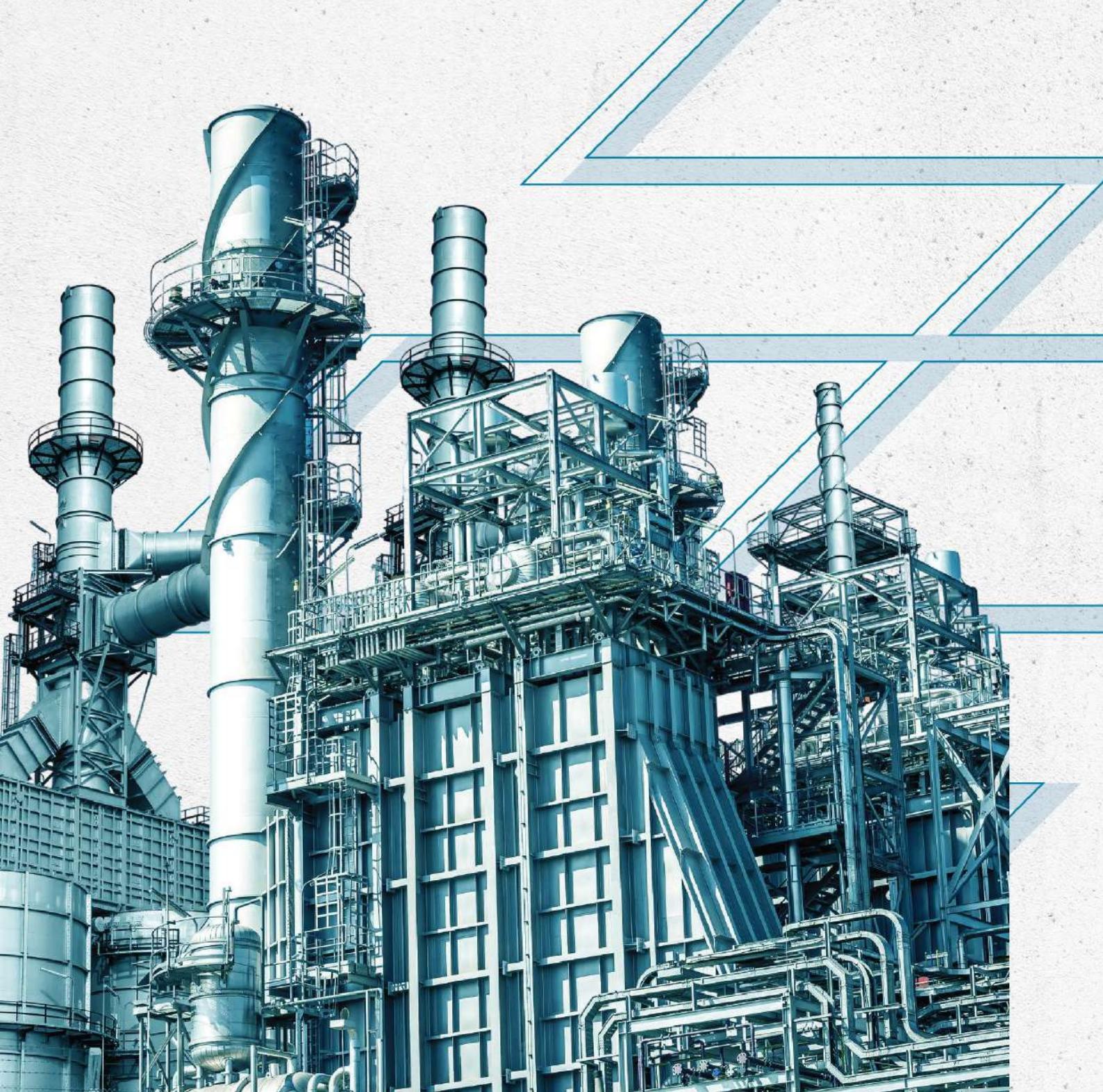




**FINEST  
ENGINEERING SOLUTIONS  
IN THE EGYPTIAN MARKET**

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# ABOUT HCH

A PIONEER IN ENGINEERING SOLUTIONS

**HCH GROUP**  
**HAS BEEN A PIONEER IN STAYING AHEAD OF**  
**THE MARKET AND INDUSTRIAL LANDSCAPE.**

With 50 years of unwavering dedication, HCH Group has become a trusted leader in the Egyptian market, delivering comprehensive engineering solutions tailored to meet the diverse needs of various sectors, including Oil & Gas, Electrical, Power, Aviation, Agriculture, Pharmaceutical, Residential, and Industrial.

Our extensive product range includes:

- Electrical Panels
- Diesel Generators
- Lighting Towers
- Purification Products
- Welding Electrodes
- Compressors
- Microturbines
- Vacuum Pumps
- Blowers
- Carbon Steel Pipes & Tubes.

HCH Group is also renowned for its reliable maintenance services and rigorous periodic inspections, ensuring that all our products and services meet the highest global standards. We pride ourselves on sourcing the latest cutting-edge technologies worldwide to bring our clients the best solutions available.

As we continue to expand, HCH Group is actively pursuing top global agencies to comprehensively meet the needs of the sectors we operate in within the Egyptian market. We are dedicated to incorporating new sectors to align with the evolving landscape of the Egyptian market.

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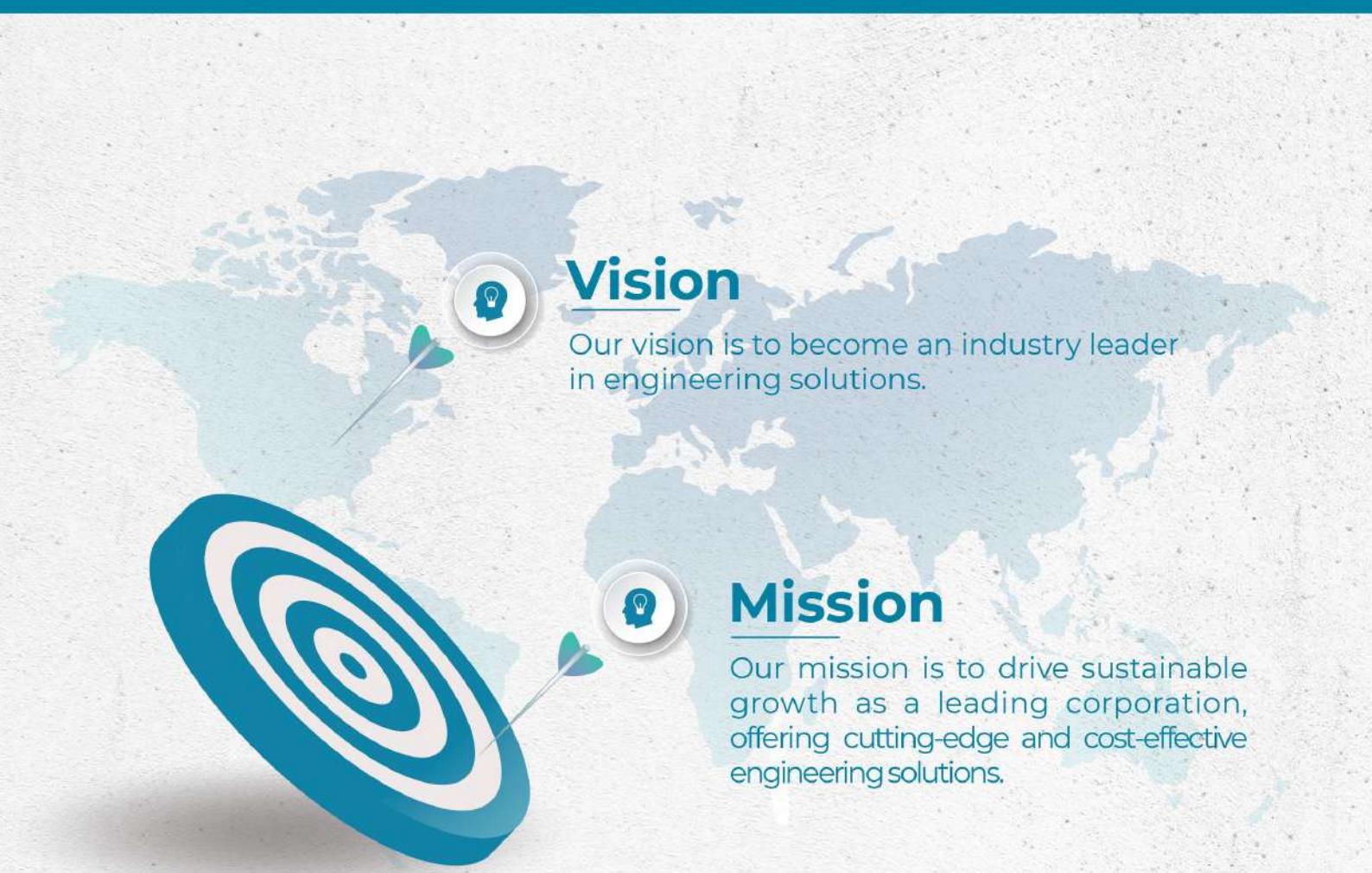
**1974**



HCH Group is committed to forming strategic partnerships with leading international companies and to delivering advanced technological solutions that enhance product performance.



# VISION AND MISSION



## Vision

Our vision is to become an industry leader in engineering solutions.

## Mission

Our mission is to drive sustainable growth as a leading corporation, offering cutting-edge and cost-effective engineering solutions.

# Who We Are

With our extensive experience in the Engineering industry, and a legacy of 50+ years, at HCH Group we are committed to delivering top-quality products and services that meet the highest global standards, ensuring our clients can achieve their goals with confidence. We strive to be a reliable partner, offering not only industry-leading products but also comprehensive maintenance and support services that guarantee sustained performance and competitive standards.

With notable international suppliers such as ABB, Atlas Copco, Capstone, Castolin, Bauer, Sterling, Busch, Graver, and Flo Pipes & Fittings, HCH Group has attained a respectable position among the leading technical solutions providers in Egypt. Our unique blend of industry expertise, market knowledge, customer loyalty, and technological skill enable us to provide a comprehensive range of products and services.



# CORE VALUES

## INTEGRITY

- Honesty
- Transparency
- Ethical behavior
- Loyalty
- Commitment

## ACCOUNTABILITY

- Ownership
- Acceptance of responsibility
- Reliability

## RESPECT

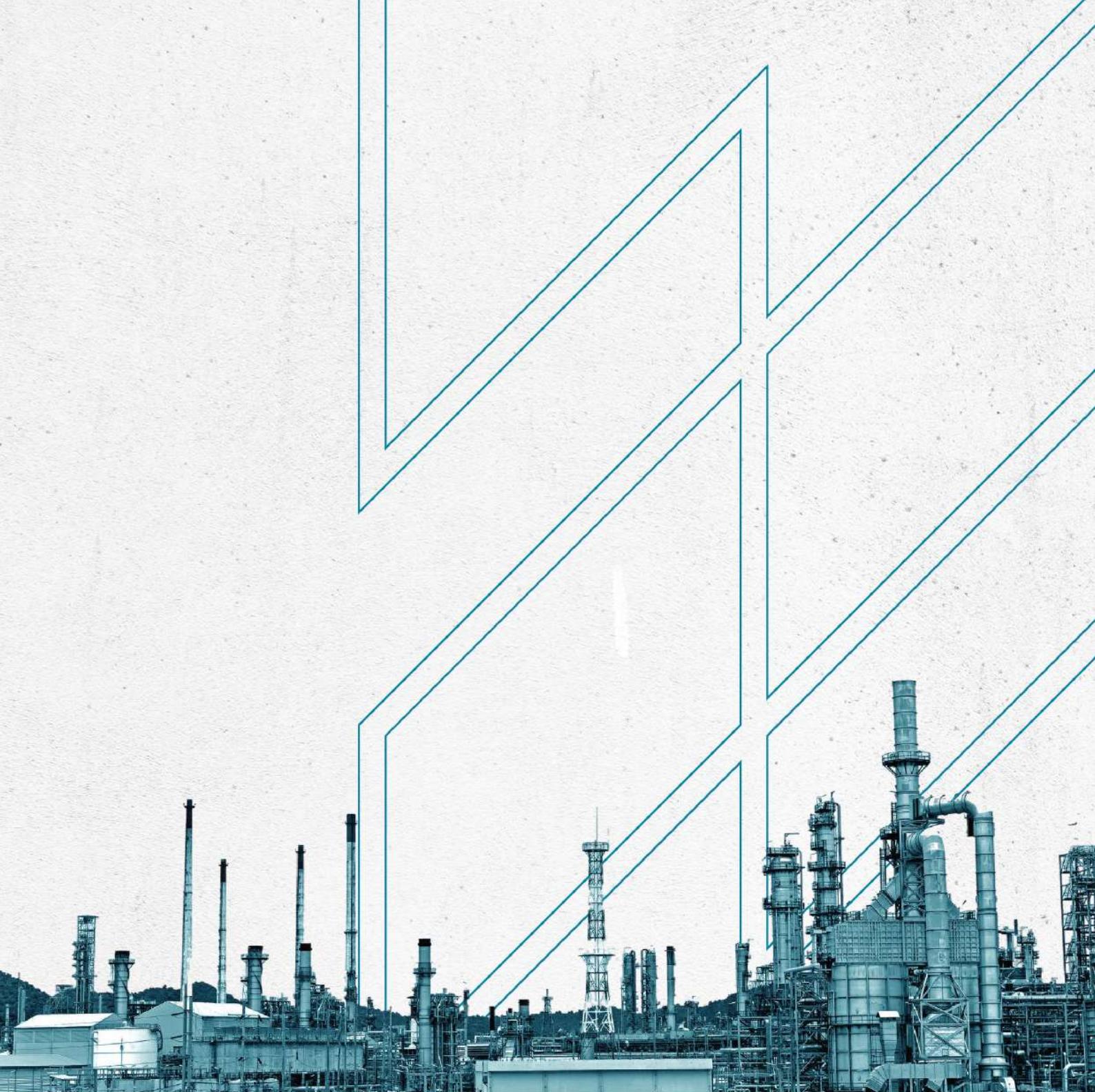
- Value others
- Acknowledgment



## COLLABORATION

- Teamwork
- Transparent communication
- Knowledge sharing





# INDUSTRIES & SECTORS SERVED



## OIL & GAS



## AGRICULTURE



## AVIATION



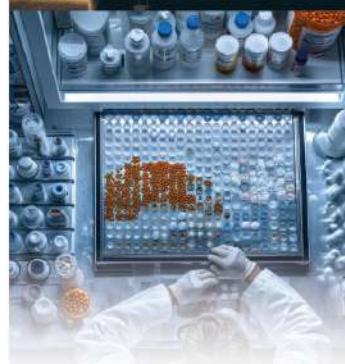
## WATER AND WASTEWATER SECTOR



## ELECTRICAL



## POWER



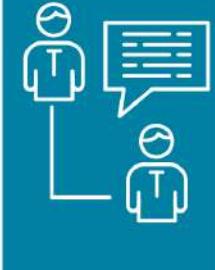
## HEALTH CARE AND PHARMACEUTICAL



## GOVERNMENTAL



# STRATEGIC PARTNERS AND SUPPLIERS





# OUR PRODUCTS

# ELECTRICAL PANELS



HCH Group is a Certified Panel Builder Partner of ABB, providing low-voltage ABB electrical panels for a wide range of applications. We handle the full process, including design, engineering, assembly, and supply, ensuring reliable solutions that meet project and operational requirements. Our panels are used across multiple industries, supporting safe and efficient electrical distribution in everyday operations.



Our panels are designed to meet the highest industry standards, ensuring safety, efficiency, and durability. Whether you're constructing a new project, renovating an existing facility, or upgrading a power station, HCH has the expertise to deliver optimum solutions. Additionally, this strategic alliance enables us to offer our customers a comprehensive range of high-quality products and solutions, backed by ABB's renowned innovation and expertise.

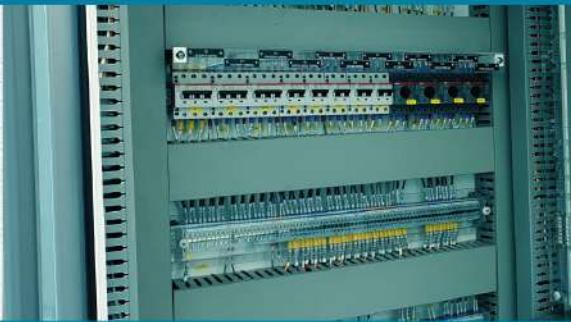
At HCH Group, we are dedicated to delivering top-quality, reliable, and customizable low-voltage panels tailored to meet the diverse needs of our customers.

Our experienced team is ready to assist you in selecting the right panel type and configuration for your specific application.

**HCH**  
**IS EXPANDING**  
**ITS PANEL-BUILDING**  
**ACTIVITIES IN EGYPT**



# WHY HCH GROUP?



## WE OFFER QUALITY

At HCH, we prioritize quality, and we always consider all guidelines and IEC standards. Our aim is to provide our customers with higher quality products and services.

## WE UNDERSTAND THE VALUE

We understand the importance of value, and we work closely with our clients to ensure that their project requirements are met within their budgetary constraints. By arranging technical meetings with valued consultants, we can check the specifications and ensure that they are suitable and compatible with our client's site requirements and budget.

## WE OFFER SERVICE

At HCH, we provide exceptional service and always prioritize our clients' satisfaction. We guarantee 100% customer satisfaction and provide ongoing support and assistance beyond the 18-month warranty to ensure that their needs are met. Our commitment to delivering the highest quality products and services to our valued customers is unwavering.

# EXPLORE THE RANGE OF LOW VOLTAGE PANELS OFFERED BY HCH GROUP



## Main distribution panels

These are ideal for commercial buildings and industrial facilities, handling large power loads from multiple substations.

## Standard distribution panels

Perfect for residential homes, these panels provide power distribution to different circuits.

## Sub-panels

Used in commercial and residential buildings to distribute power to specific areas or floors.

## Motor Control Centers (MCCs)

Essential for commercial applications requiring the control and protection of electric motors, such as HVAC systems or manufacturing equipment.

## Generator Control Panels

Designed to control and monitor backup generators, ensuring reliable power supply during outages.

## Automation features

Our panels may include automatic transfer switches and remote monitoring capabilities to enhance efficiency.

## Custom-designed panels

We can tailor panels to meet specific industry requirements or unique applications.

# DIESEL GENERATORS

Atlas Copco

HCH Group is an authorized distributor for Atlas Copco, a prominent Swedish multinational company known for its comprehensive industrial solutions. HCH Group provides the Egyptian market with an extensive selection of diesel generator solutions that meet diverse power needs while ensuring both reliability and efficiency. We are dedicated to supporting the infrastructure and industrial sectors in Egypt with the latest products and services.

Our diesel generator offers include a diverse range of power nodes, from 5 to 1500 K.V.A. These generators are equipped with engines from renowned manufacturers such as Honda, Kubota, Cummins, Perkins, Volvo, and Scania, ensuring top-quality performance and reliability.

## OUR GENERATOR RANGE

### DIESEL GENERATOR QAC 1100



The QAC 1100 Twin Power diesel-electric generator is an ideal solution for applications requiring variable power.

This 20-foot containerized generator houses two 500 kVA prime generators, offering flexibility and efficiency.

Whether your application demands 100% power load or lower power loads, the QAC 1100 delivers optimal performance.

This diesel fuel generator is particularly suited for industrial environments where power demands fluctuate based on the time of day or current usage.



# MOBILE DIESEL GENERATOR: QES RANGE

The QES range of mobile diesel generators is tailored for the construction industry and general rental companies. These diesel generators are known for their practicality, consistency, and ease of operation, even in the most demanding job sites.

With power outputs ranging from 9 kVA to 2000 kVA and equipped with engines from Cummins, these diesel generators are versatile and reliable. The corrosion-treated, waterproof canopy, combined with the ability to operate in high and low ambient temperatures, makes the QES range ideal for the Egyptian market, where environmental conditions can vary greatly.



## QAC 1450 TWIN POWER

The QAC 1450 Twin Power Generator is another standout in Atlas Copco's lineup that HCH took liberty of providing the Egyptian market with. This containerized power generator system features two independent engines with revolutionary remote variable speed cooling, providing versatility, optimal performance, and exceptional fuel economy.

Designed for challenging land and sea applications, the QAC 1450 Twin Power allows you to efficiently run at 100% power load or lower loads, making it a highly efficient power generator.



## EXPERT INSTALLATION AND MAINTENANCE BY HCH GROUP

HCH Group ensures that all installations are supported by a highly skilled team of expert technicians to oversee installation and maintenance, guaranteeing optimal performance and customer satisfaction.

# LIGHTNING TOWERS

Atlas Copco

In addition to diesel generators, HCH partners with Atlas Copco in offering a variety of lightning towers. Our inventory includes options powered by metal halide, LED, and solar energy, catering to a broad spectrum of lighting requirements.

## OUR LIGHTNING TOWER RANGE



### THE BATTERY

LIGHT TOWER

We provide the solution for outdoor events and industrial areas with zero noise during operation and the absence of engine emissions ensuring full environmental compliance in urban locations. HiLight Z3+ which is powered by lithium-ion batteries and provides enhanced illumination for metropolitan construction sites, in addition to minimal maintenance and low operational cost with portability and transportation efficiency in mind.

### THE HIGHLIGHT V5+

LIGHT TOWERS

It provide users with a robust and easy-to-transport set of lighting options that match any site requirements and are perfect for multiple drop rental applications. In addition to the HardHat® canopy as standard, which ensures maximum protection of internal parts.

### HIGHLIGHT S2+

LIGHT TOWER

The HiLight S2+ light tower is a user-friendly, Solar-powered LED Light Tower, the HiLight S2+ is a next-generation Lighting system featuring 4x90W LED floodlights to deliver 2,000 m<sup>2</sup> light coverage.

This light tower uses solar radiation as an energy source, Providing more silent and cleaner operations. The light tower is robust, easy to transport, and comes ready to use.

The lights can be easily maneuvered into place and solar panels set up; they are simply pulled out from the canopy and their position can be adjusted to best align with the sun's position to achieve maximum solar yield.

# MICROTURBINES



HCH Group is dedicated to delivering advanced solutions aimed at reducing the carbon footprint, enhancing cost efficiencies, and bolstering resiliency in the business environment.

Recognizing the complexity of this challenge, HCH has partnered with Capstone Green Energy Inc. to offer expert guidance to customers in the Egyptian market, leveraging cutting-edge technology and extensive experience in design, implementation, and management processes.

By comprehensively understanding the unique dynamics of the Egyptian market and its specific requirements, HCH Group is empowering customers to make a positive environmental impact while fulfilling their energy reliability and efficiency needs. This is accomplished through the utilization of products provided by Capstone Green Energy, a renowned global leader in microturbine technology, enabling businesses to effectively manage their energy supplies.

## Reliable Power Solutions

Capstone microturbines are highly efficient, compact gas turbines capable of producing electricity, with scalability ranging from 65kW to 5MW. Widely utilized for combined heat and power (CHP) as well as combined cooling, heating, and power (CCHP) applications, these turbines serve diverse industries and settings.

Capstone Green Energy's solutions align perfectly with the needs of the oil and gas industry and are currently used in all phases of oil production including upstream, midstream, and downstream operations in both onshore and offshore applications. Capstone's technology provides the low operational cost, high availability, and high-reliability oil producers need.

By integrating an aero-based turbine engine, a magnetic generator, advanced power electronics, with patented air bearing technology, Capstone microturbines are the ideal solution for today's distributed energy needs.

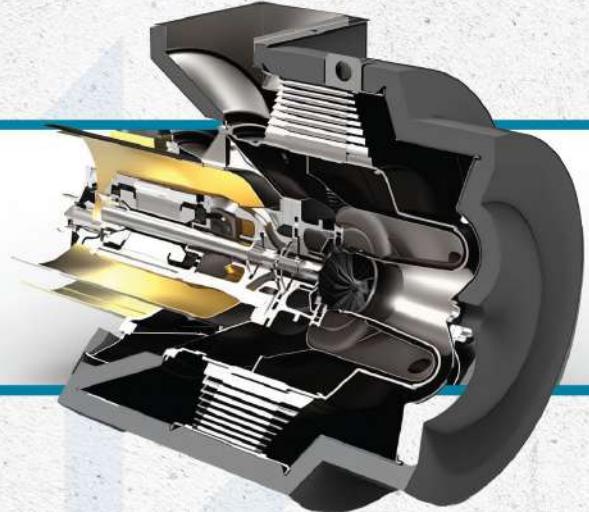
Capstone microturbines operate on a variety of fuels, including natural gas, associated gas, biogas and LPG/propane. In resource recovery applications, microturbines burn waste gases that would otherwise be flared or released directly into the atmosphere.



# HERE ARE SOME KEY POINTS ABOUT CAPSTONE MICROTURBINES:

## SOME KEY FEATURES OF CAPSTONE

Capstone's microturbines are small, high-efficiency turbines that generate electricity (scalable from 65kW to 5MW). They are often used for combined heat and power (CHP) and combined cooling heat and power (CCHP) applications and can be employed in various industries and settings.



**Applications:** Capstone's microturbines are applied in a range of sectors, including commercial, industrial, and residential sectors. They are suitable for providing power to buildings, data centers, hospitals, and other facilities.

**Fuel Flexibility:** Capstone microturbines are designed to be fuel flexible, capable of running on a variety of fuels such as natural gas, propane, or biofuels. This flexibility allows users to choose the most economical or environmentally friendly fuel source for their needs.



**High Efficiency:** Microturbines are known for their high efficiency in converting fuel into electricity. Capstone's technology often includes advanced features such as recuperators and air-bearing systems to enhance efficiency.

**Modularity:** Capstone's systems are modular, allowing for scalability. Users can deploy a single microturbine unit or combine multiple units to meet the specific power requirements of a given application.

**Environmental Benefits:** Microturbines are often considered environmentally friendly due to their low emissions and efficient use of fuel. They can contribute to reducing greenhouse gas emissions compared to traditional power generation methods.

**Remote Monitoring and Control:** Capstone offers digital solutions for remote monitoring and control of their microturbine systems. This allows users to manage and optimize their power generation assets.



# WELDING ELECTRODES



HCH Group is collaborating with the prominent Castolin Eutectic company, a global leader in maintenance, surface protection, and specialized joining solutions. This partnership enables HCH Group to offer the Egyptian business market the latest technologies in welding, brazing, and coating.

A diverse portfolio of wear plates featuring various base materials, sizes, coating alloys, and welding processes.

Innovative coating technologies designed to effectively address wear issues:

- COLD FLAME SPRAYING:** A cost-effective method with minimal heat input.
- ARC WIRE SPRAYING:** Provides high-quality, affordable alloy coatings suitable for large surfaces.
- HOT FLAME SPRAYING:** Delivers pore-free coatings with excellent resistance.
- POLYMER COATINGS:** Ensures rapid application with no thermal distortion.

WE SERVE A WIDE RANGE OF KEY INDUSTRIES, INCLUDING:

**CEMENT**  
**IRON & STEEL**  
**OIL & GAS**  
**CERAMICS & MARBLE**  
**MINING**

**CONSTRUCTION**  
**PAPER & SUGAR**  
**ARMED FORCES**  
**WATER & WASTEWATER**



Our collaboration with Castolin Eutectic is aimed at helping your business reduce costs, mitigate risks, and extend the lifespan of your valuable assets. We are committed to bringing these innovative solutions to the Egyptian market and look forward to assisting customers in achieving their operational objective.

We supply quality products that make maintenance

FASTER

SAFER

MORE RELIABLE TO SUSTAINABILITY

LOWER COSTS

REDUCE DOWNTIME

CUT WASTE

CASTOLIN PRODUCTS ENSURE:

EASE OF APPLICATION

WIDE VERSATILITY

OUTSTANDING PHYSICAL PROPERTIES

# RANGE OF PRODUCTS

Our key products from Castolin Eutectic a comprehensive range of welding electrodes, including:

## 1- MMA Welding

- Low-heat input welding for safe, reliable repairs
- Anti-wear protective coatings, for longer-lasting parts
- Ease of use, even in difficult positions
- For cost-saving, industrial maintenance solutions.
- Welding contaminated cast irons
- Welding unknown or dissimilar steels



## 2- Open Arc Welding

- Fastest weld deposition rates
- Higher welding duty cycles
- On site capability without shielding gas supplies
- Optimized alloy weld properties for longer service life
- Maximum cost savings & productivity

## 3- Welded Wearplate: CastoDur Diamond Plates (CDP)

- Reduce maintenance costs by service life cycles extension of protected surfaces
- Easy protection of large surfaces
- simple assembling, optimal weight
- Premium quality thanks to modern material science



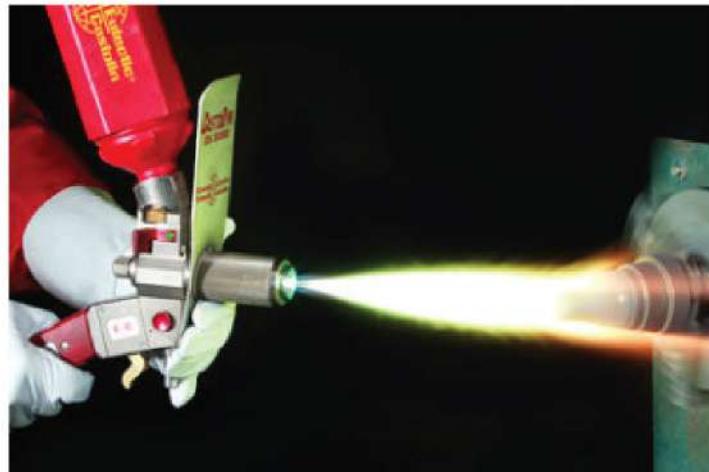
## 4- Welded Wearplate: Casto Tubes

- Highly cost effective
- Absence of harmful linear weld joint
- Exceptional wear resistance
- Perfectly round cross section
- Light weight for handling
- Highest quality metal powder
- Easy to join by welding or mechanical means

# RANGE OF PRODUCTS

## 5- Arc Spray Wires

- Prolonging the service life of critical components
- Faster deposition rate
- Cost effective solution for increasing productivity
- Safe process, no flammable gases used
- Welding unknown or dissimilar steels



## 7- Polymer Coatings: perfect balance between affordability & performance, Long term surface protection for critical industrial assets

Easy to apply with trowel, brush, MeCaSpray gun, or airless spray  
Solvent-free (100% solids), zero VOCs  
Environmentally sustainable coatings  
Repair  
Rebuild  
Protect

## 6- Powder Spray Fusing

- Smooth surface for low post welding machining and also when compared with cold thermal spraying
- Higher bond strength & shock resistance
- Homogeneous and pore free coatings
- Best purity and performance of the coating alloy
- No dilution of the base material
- Thicker coatings capabilities



## EQUIPMENT:

- EuTronic Arc Spray 4 HFH for ANTI-WEAR AND ANTI-CORROSION COLD ARC SPRAYED COATINGS
- Flame Spray Equipment :A user friendly, advanced industrial thermal spray COATING system
- CastoMIG welding equipment

# COMPRESSORS

**BAUER**  
COMPRESSORS

Quality. Our DNA

HCH Supply Company is proud to announce its collaboration with BAUER COMPRESSORS, as an authorized representative of Bauer Compressors a renowned leader in compression technology, to serve the Egyptian market across various segments including Oil & Gas, Energy, Industrial, Petrochemical, CNG, and others.

BAUER COMPRESSORS is celebrated not only for its machinery but also for its holistic solutions that encompass:

medium and high-pressure compressors for Natural Gas Vehicle Refueling:

Recognized globally as a leading innovator and manufacturer of Medium & high-pressure systems.

Performance and Quality:

For over seven decades, BAUER COMPRESSORS has maintained the highest levels of performance, quality, safety, and innovation. Each compressor is designed and manufactured in-house, meeting stringent standards for performance, reliability, durability, and cost-efficiency.

## DISTINGUISHING BENEFITS:

- 100% in-house manufacture of all critical parts
- Newest and most advanced compressor design for heavy-duty 24/7 application
- Material tests and batch traceability → durability of the raw materials is guaranteed
- Safety of all welded components – checked by means of WPS and WQS (welding procedure/quality structure), X-ray testing, and hydrotesting
- Highly trained and certified employees

- ISO9001-certified workflow documentation in fabrication and assembly
- Final acceptance testing and documentation of the complete system
- Long-term investment protection.
- Low total cost of ownership.

## DIVERSE COMPRESSOR SYSTEM SOLUTIONS:

BAUER offers an extensive selection of compressor systems for a variety of breathing air and industrial applications.



## COMMITMENT TO EXCELLENCE

BAUER is dedicated to delivering the highest quality equipment and solutions for high-pressure air and gas, utilizing advanced technologies, superior materials, skilled personnel, and efficient manufacturing processes.



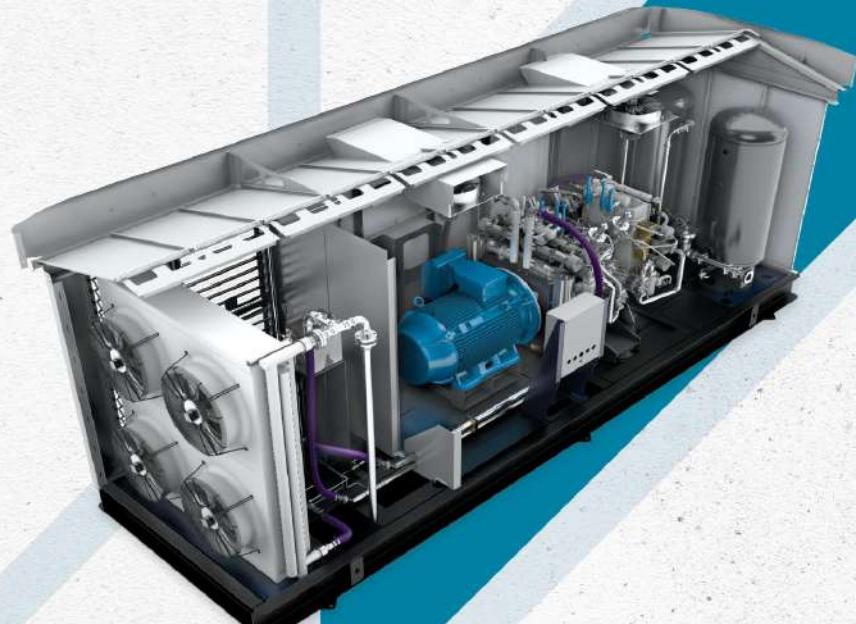
# BAUER COMPRESSORS

Our equipment solutions are designed to deliver exceptional performance and value, ensuring timely delivery, defect-free operation, and comprehensive support throughout their lifecycle to maximize their potential.

BAUER Compressors manufactures medium and high-pressure air and gas compressors at Bauer factories located in Germany, the USA, the UK, and India.



- Medium pressure air and gas (Nitrogen, Helium, Argon, Hydrogen) compressors from 30 and up to 90 bar.
- High pressure breathing air compressors for diving, safety, and firefighting applications with pressure up to 330 bar, and with breathing air quality as per the DIN EN 12021.
- Medium pressure air compressors for starting diesel engines.
- High pressure air and gas (Nitrogen, Helium, Argon, Hydrogen) compressors from 90 and up to 500 bar.
- Special packages for Breathing Air cascade systems.
- Containerized H2S protection and refugee systems.
- Low pressure nitrogen generators up to 15 bar.
- High pressure nitrogen generators up to 400 bar.



# STERLING GENERATORS



HCH Group proudly collaborates with Sterling Generators, a recognized leader in diesel generator manufacturing, to offer top-tier power solutions in Egypt. Sterling Generators is renowned for its commitment to quality, evident in their cutting-edge manufacturing processes, including a 14-tank pre-treatment plant for surface preparation, a powder coating unit, and a revolutionary PLC-based testing facility that can handle capacities of up to 4000 KVA. These advanced features ensure that every product meets the highest standards of performance and reliability.

HCH Group provides a comprehensive range of diesel and gas engine generators, meeting various power requirements from 30 KVA to 4000 KVA.

The generators feature powerful and reliable Baudouin and Volvo engines, paired with premium alternators from renowned brands like Stamford, Leroy Somer, and Mecc Alte, ensuring stable and efficient power generation. Customers can choose between open-set configurations or closed-set designs with soundproof canopies, offering noise reduction and protection against environmental factors.



Sterling's successful partnering with the global leaders in diesel engine manufacturing, Baudouin in France, has helped to set benchmarks in fuel efficiency, reliability, and adherence to global emission norms. Sterling & Wilson, the parent company, is a leading MEP engineering group with close to a century of experience in project engineering and execution.

# KEY FEATURES OF STERLING GENERATORS WITH HCH GROUP



- **Diesel Engines:** Featuring high-performance Baudouin and Volvo engines known for their durability and fuel efficiency.
- **Gas Engines:** Environmentally friendly Baudouin gas engines designed for optimal performance.
- **Alternators:** Equipped with alternators from Stamford, Leroy Somer, or Mecc Alte for consistent and reliable power.
- **Controller Systems:** Advanced Dief and Deep-sea controllers to ensure seamless operation and monitoring of the generators.
- **Power Range:** Offering solutions across a wide range of applications, from 30 KVA to 4000 KVA.
- **Configurations:** Available in both open-set and closed-set designs, with soundproof canopies for noise control.



# VACUUM PUMPS



HCH Group is a prominent supplier in the Egyptian market, specializing in providing top-tier vacuum pumps, blowers, compressors, spare parts, and accessories. Our strategic collaboration with Busch Company, a global leader in vacuum and overpressure technology since 1963, enhances our ability to offer advanced solutions tailored to meet the diverse needs of our clients.

The Busch Group has established itself as a pioneer as one of the world's largest manufacturers of vacuum pumps, vacuum systems, blowers, compressors, leak detection technology, and gas abatement systems. Under its umbrella, the group houses three well-known brands: Busch Vacuum Solutions, Pfeiffer Vacuum, and Centrotherm Clean Solutions.



Their commitment to innovation and quality has made them a preferred provider worldwide. By partnering with Busch, HCH Group leverages this expertise to bring the latest technology and equipment to the Egyptian market.

Our product range includes a variety of vacuum and over-pressure technologies that are renowned for their reliability, efficiency, and durability, making them ideal for a wide range of processes and operations in industries.

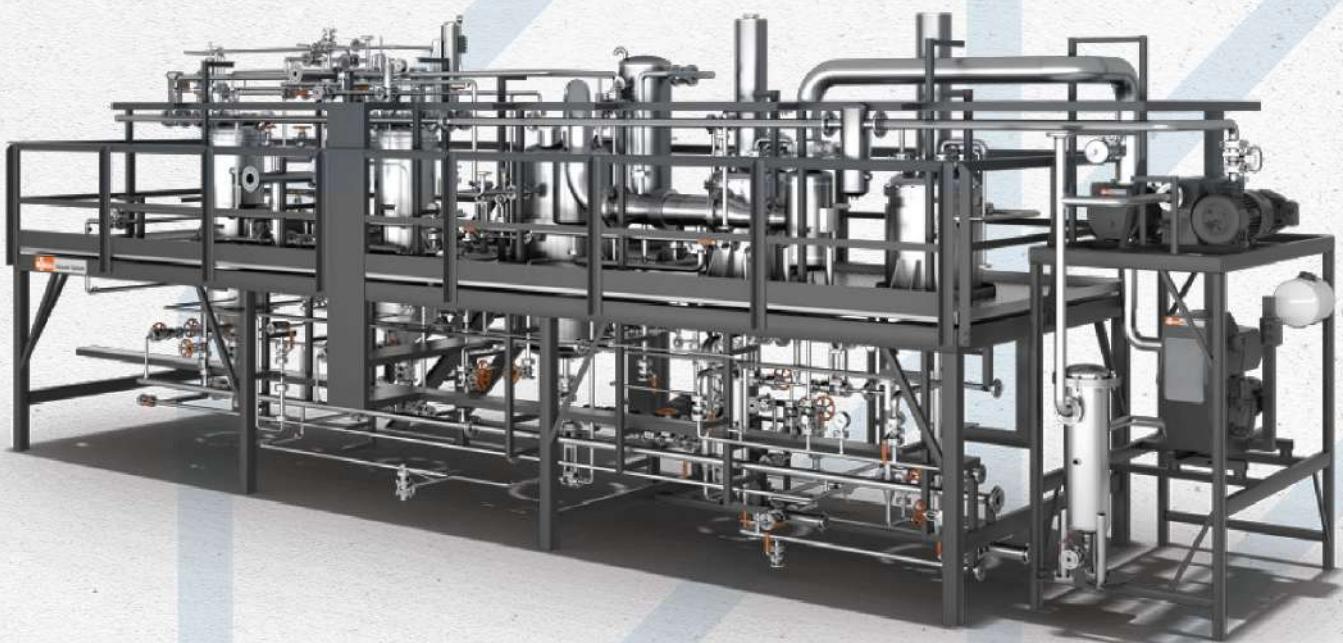
## The Range of Products Includes:

- Oil-Lubricated Vane Vacuum Pumps
- Dry Claw Vacuum Pumps
- Dry Screw Vacuum Pumps
- Vacuum Boosters
- Dry-Running Rotary Vane Vacuum Pumps and Compressors
- Rotary Lobe Blowers
- One-Through Oil-Lubricated Rotary Vane Vacuum Pumps
- Liquid Ring Vacuum Pumps and Compressors
- Side Channel Blowers
- Scroll Vacuum Pumps
- Multi-Stage Rotary Lobe Vacuum Pumps
- Diffusion Vacuum Pumps
- Two-Stage Oil-Lubricated Rotary Vane Vacuum Pumps

# COMPREHENSIVE SUPPORT AND QUALITY SOLUTIONS

In addition to supplying equipment, HCH Group ensures that our clients receive comprehensive support through the availability of spare parts and accessories. This commitment to after-sales service guarantees that our clients experience minimal downtime and maintain optimal operational efficiency.

Through our partnership with Busch Company, HCH Group continues to deliver the highest standards of quality and performance in vacuum and overpressure technology to the Egyptian market. We are dedicated to enhancing our clients' operations by providing them with products and services that lead to successful outcomes and sustained growth.



# PURIFICATION



Graver Technologies

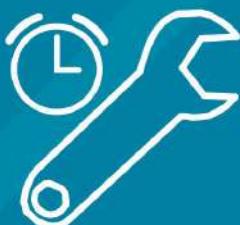
HCH Group is an authorized distributor for Graver Technologies, an American brand, offering liquid process filters that are not only high in quality and performance but also cost-effective compared to other reputable filter brands.

Graver Technologies stands out as the optimal choice for HCH Group providing an extensive array of filter cartridges and housings suitable for a variety of applications, these include common industrial uses, high-purity water systems, and other critical process streams.

At HCH Group, we provide a diverse range of media types, cartridge designs, micron ratings, and configurations. This variety ensures optimized filtration efficiency, dependable performance, and extended service life.

## INDUSTRIES SERVED BY GRAVER TECHNOLOGIES INCLUDE THE FOLLOWING:

- Food & beverage
- Aqueous solutions
- Chemicals
- Bottled water
- Pharmaceuticals
- Cosmetics
- Process water
- RO Prefilters
- Inks



## SOLUTIONS BUSINESS UNITS:

### Filtration & Separation

Membrane Filters, Liquid Process, Industrial Air & Gas Filters

### ADSORBENTS

Metsorb for Water/WasteWater Applications

### UTILITIES

Powered and Bead Resin for Power Generation, Ion Exchange for Drinking Water, Precoatable and Backwashable Scepta.



# RANGE OF FILTERS AND APPLICATIONS

## Product Description

**GHP Series Filter Housings:** Constructed from 316L stainless steel and engineered to meet 3A standards, these housings are ideal for filtration applications requiring high purity production streams. The design minimizes hold-up volumes, facilitates easy draining, and enhances cleanability. External surfaces are mechanically polished, while internal surfaces are acid washed, ensuring a consistent, easy-care finish.



**PME Series Filters:** These economy absolute filters, offered by HCH and Graver, are suitable for a broad range of applications and come with industry certifications to meet the most critical requirements. Their slightly smaller diameter allows for easy retrofitting in existing housings designed for depth filters. The pleated construction delivers absolute efficiency across a wide range of particle sizes



**GLP Series Filter Housings:** Constructed from durable stainless steel, these housings meet general-purpose industrial and commercial filtration needs. All wetted welded surfaces are made of stainless steel. The external surface is electrolyzed, and the internal surface is acid washed, providing a consistent, easy-care finish.



### ABSOLUTE FILTERS

- PMA Series Filter Cartridges
- The PME Series Filters
- QMA™ Series Filter Cartridges



### NOMINAL FILTERS

- MBC™ Series Filter Cartridges
- CMBF - Crystal MBF Series Filter Cartridges
- PMC™ Series Filter Cartridges



### STERILE FILTERS

ZTEC™ B Series Filter Cartridges



### VENT FILTERS

- TeffTEC V Series



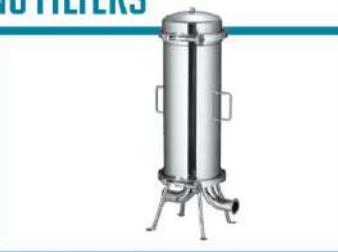
### RESIN BOND FILTERS

RTEC™ G Series Filter Cartridges



### HOUSING FILTERS

- GLP™ Series Filter Housing
- The GHP Series filter housings



# CARBON STEEL PIPES & TUBES



FLO PIPES & FITTINGS CO

HCH Group is a major supplier of Flo Pipes & fitting company products in the Egyptian market. Flo Pipes & Fittings, based in India, is renowned for its high-quality and durable piping solutions, and we are committed to making their extensive range available to our customers in Egypt.

Our product portfolio from Flo Pipes & Fittings includes a wide array of essential items to cater to diverse industrial needs. Here's a list of the products we offer:

**Carbon Steel Pipes:** Ideal for various applications, including water supply, gas transmission, and structural purposes, these pipes are known for their strength and durability.



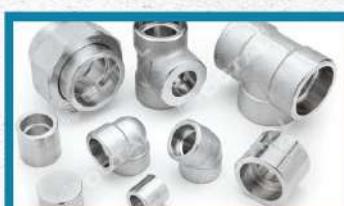
**Stainless Steel Pipes and Tubes:** Offering excellent corrosion resistance, these are perfect for industries where hygiene and longevity are paramount, such as food processing, pharmaceuticals, and chemical plants.



**Buttweld Fittings:** Designed for welded pipe connections, these fittings provide robust and leak-proof joints, ensuring the integrity of your piping systems.



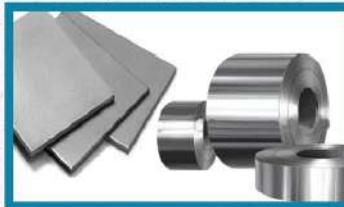
**Socketweld Fittings:** Used for high-pressure and high-temperature applications, these fittings offer secure and reliable connections.



**Flanges:** Essential for connecting pipes, valves, and other equipment, our range of flanges is manufactured to meet international standards, ensuring compatibility and performance.



**Sheet, Plate, and Coils:** Available in various sizes and grades, these are suitable for a wide range of fabrication and construction needs.



**Round Bar:** Used in machining and manufacturing processes, our round bars are known for their consistent quality and dimensional accuracy.



**Olets:** These branch connection fittings are designed to simplify the installation process and provide reliable performance in various piping systems.



**Brass Rods:** Known for their excellent machinability and corrosion resistance, these rods are ideal for applications requiring precision and durability.



**Copper Tubes:** Widely used in plumbing, HVAC, and electrical applications, our copper tubes offer superior conductivity and corrosion resistance.



**Fasteners:** Our range includes various types of fasteners, ensuring that you have the right components to secure your piping and equipment effectively.





# HCH SERVICES

# OIL & GAS GENERAL SUPPLIES

HCH Group is one of the leading suppliers in the Egyptian market, specializing in meeting the extensive requirements of the Oil & Gas Sector. From heavy equipment to all necessary spare parts, our comprehensive range of products and services ensures that your business operates efficiently and effectively.

By partnering with us, you can streamline your procurement process and secure the essential supplies your operations depend on.

## Our Diverse Product Range

Over the years, we have successfully supplied a wide array of products to our valued customers, tailored to meet the unique demands of the oil and gas industry.

### **Our offerings include but are not limited to:**

**Valves & Fittings:** We provide a broad selection of valves, fittings, and connectors suitable for various applications, including tubing fittings, stud bolts, and pipe fittings.

**Electrical Components:** Our inventory includes soft starters, transformers, manual motor starters, clamp meters, and multi-meters to keep your electrical systems running smoothly.

**Mechanical Equipment:** We offer axial fans, motors, and spare parts for nitrogen generators to support your mechanical operations.

**Instrumentation & Control:** Our range includes filter regulators, contactor kits, scotch electrical tape, gauges, and meter items to ensure precise control and monitoring.

**Safety & Maintenance:** We supply smoke detectors, air compressor filters, and spare parts to maintain a safe and well-functioning work environment.

**Additional Supplies:** Our diverse range extends to cable labels, injection sprinklers, gym equipment, and bulkhead connectors, catering to various ancillary needs within the oil and gas sector.

By offering such a wide variety of products, HCH Group has consistently met the unique requirements of our clients across the oil and gas industry. Our commitment to quality, reliability, and customer satisfaction ensures that your business receives the best possible support.

Partner with HCH Group today to experience the difference that our comprehensive solutions and dedicated services can make for your operations.



# AFTER-SALES SERVICE

At HCH Group, we understand that the efficiency and reliability of your equipment are crucial to your business success. Our after-sales service is designed to give you peace of mind, knowing that your investment is well-protected and supported by a team of dedicated professionals.

## **Our dedicated after-sales team provides comprehensive support, including:**

### **1. Maintenance and Repair:**

We offer regular maintenance services to keep your equipment in optimal condition

### **2. Spare Parts Availability:**

We maintain a well-stocked inventory of genuine spare parts to ensure quick replacements when needed, helping to prolong the lifespan of your equipment.

### **3. Warranty Services:**

We honor our warranty commitments, providing timely and efficient service to address any issues covered under the warranty period.

### **4. Customer Support:**

Our customer support team is available around the clock to assist with any emergencies or urgent needs, ensuring that your operations run smoothly.



# TECHNICAL SUPPORT

At HCH Group, we are committed to providing exceptional technical support to our clients across various sectors. Our goal is to ensure that your equipment operates efficiently, allowing you to focus on your core business activities.

Here's what our technical support service includes:

## Expert Trained Technical Team

Our team consists of highly skilled, well-trained, and experienced technicians who are ready to assist and are deeply knowledgeable about the products we supply

## On-Site Support

We offer on-site technical support to diagnose and resolve issues promptly. Our technicians can visit your location to perform inspections, repairs, and maintenance, ensuring minimal downtime for your operations.

## Remote Assistance

For urgent matters, our technical support team provides remote assistance through phone, email, or video conferencing, we can guide you through troubleshooting steps and offer immediate solutions.

## Preventive Maintenance

Regular preventive maintenance is key to avoiding unexpected breakdowns. Our technical support includes scheduled maintenance services to keep your equipment in optimal condition, extending its lifespan and ensuring reliable performance.

## Spare Parts and Accessories

Our technical support is backed by a well-stocked inventory of genuine spare parts and accessories. This ensures that any required replacements are readily available, minimizing downtime and maximizing efficiency.

## Customized Solutions

Every business has unique needs. Our technical support team works closely with you to understand your specific requirements and provide tailored solutions that meet your operational goals



# FREE ZONE

At HCH Supply, our Free Zone service is designed to enhance your business operations by providing a cost-effective, efficient, and secure environment for your products. We are committed to delivering excellence in every aspect of our Free Zone service, ensuring that you have the support you need to succeed.

## **Here's what sets our Free Zone service apart:**

### **Strategic Location**

Our Free Zone is strategically located to provide easy access to major transportation hubs, including airports, seaports, and highways. This ensures that your products can be quickly and efficiently transported to their final destinations, both locally and internationally.

### **Tax and Duty Exemptions**

Operating within our Free Zone allows our clients to benefit from significant tax and duty exemptions. This includes exemptions from customs duties, sales taxes, and other import-related fees, which can significantly reduce operational costs and enhance profitability.

### **Streamlined Customs Procedures**

We handle all customs clearance procedures within the Free Zone, ensuring that your products are processed quickly and efficiently. Our experienced team stays up-to-date with the latest regulations to minimize delays and streamline the customs process.

### **Secure Storage Solutions**

Our Free Zone offers secure and well-maintained warehousing solutions tailored to meet your specific storage needs. Whether you require short-term or long-term storage, our facilities ensure that your products are stored safely and can be accessed quickly when needed.

### **Advanced Inventory Management**

We utilize advanced inventory management systems to track and manage your products within the Free Zone. This ensures that you have real-time visibility into your inventory levels and can make informed decisions to optimize your supply chain.

### **Value-Added Services**

In addition to storage and logistics, our Free Zone offers a range of value-added services, including packaging, and labelling. These services help you prepare your products for market more efficiently and cost-effectively.





# OUR VALUE PROPOSITION

HCH Group stands as a leading provider of exceptional sales and supply chain services, catering to a diverse range of sectors in Egypt. With a deep understanding of the unique needs of industries like Oil and Gas, Electrical, Power, Agriculture, Residential, Pharmaceutical, and Aviation.

HCH Group offers comprehensive support that drives business growth and efficiency.

## HERE'S HOW HCH GROUP DELIVERS ON ITS PROMISE:

### 1. Comprehensive Support Across Sectors

At HCH Group, we stand firmly behind our commitment to excellence and our unwavering customer-centric approach, which distinctly sets us apart in the industry. Our value proposition is built on key pillars that empower us to deliver not just products, but transformative solutions that enable our clients to achieve their business objectives.

We offer specialized sales and technical solutions across a diverse array of sectors, including Oil and Gas, Electrical, Power, Agriculture, Residential, Pharmaceutical, and Aviation. Each sector benefits from our unparalleled expertise, ensuring that our clients receive reliable, high-performance products tailored to meet the unique demands of their industry.

### 2. Global Sourcing and Quality Assurance

With a robust global sourcing network, HCH Group procures high-quality products that align with international standards, bringing the latest technologies to Egypt. This guarantees that clients have access to reliable and cutting-edge solutions, such as ABB-authorized electrical distribution boards and Atlas Copco diesel generators, enhancing their operational effectiveness.

We cater to a diverse range of industries, including Oil & Gas, Electrical, Power, Agriculture, Residential, Pharmaceutical, and Aviation. Our extensive experience allows us to understand the unique challenges each sector faces and tailor our services accordingly. We are dedicated to ensuring that our clients receive the right products at the right time, enhancing their operational efficiency.

### 3. Innovative Logistic Solutions

HCH Group's logistics are expertly crafted for maximum efficiency and cost-effectiveness, providing clients with dependable inventory management and prompt deliveries that significantly reduce downtime. By optimizing the supply chain, we ensure seamless transportation and timely distribution, effectively minimizing operational risks for our clients.

Our global sourcing capabilities empower us to procure top-quality products from trusted suppliers around the world. We prioritize excellence at every stage of our supply chain, implementing stringent quality control measures that guarantee our clients receive only the finest products and services. This unwavering commitment to quality not only meets industry standards, but consistently exceeds them.

### 4. Dedicated Customer Support

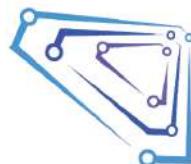
HCH Group confidently stands by its commitment to exceptional customer service, providing expert technical support, comprehensive product information, and rapid resolutions to all client inquiries. This unwavering client-centric approach cultivates trust, establishing us as the reliable partner you need for all your supply chain requirements.

Our strategically positioned Free Zone delivers remarkable advantages, including tax and duty exemptions that significantly boost your profitability. With efficient customs procedures and secure storage solutions, we streamline the import process and ensure a safe environment for your products. Our value-added services are designed to expertly meet your operational needs, facilitating efficient packaging and labelling.

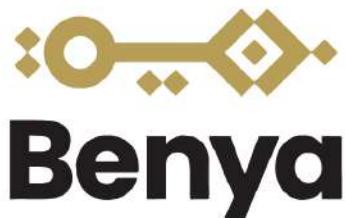
This value-driven strategy firmly positions HCH Group as a trusted ally for Egyptian clients, equipping them with the perfect blend of global quality and customized solutions that drive growth and success across various industries.



# KEY CLIENTS

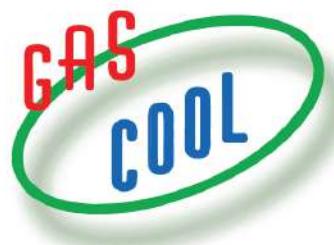








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GREEN MODELING CONTRACTING







**SOLERA**



**AMOUN PHARMACEUTICAL CO. S.A.E.**



**KraftHeinz**



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