



ΜΑΥΕΚΑΨΑ
MYCOM

Refrigeration Systems



MAYEKAWA Chemical Process Offices Around the World

- Head Quarter / Factory
- Engineering, Workshop & Service
- Main Services





Mayekawa Co. began manufacturing compressor since 1924 when Mr. Maekawa Kisaku founded it. Since the introduction of our first screw compressor in 1964, we have steadily grown to become a world leader in the manufacture of oil flooded screw compressors. Due to their simple and robust design, oil flooded screw compressors have been successful in a wide variety of applications from simple industrial refrigeration to highly specified offshore petrochemical compression. To better serve our customers in the petrochemical and severe duty markets, Mayekawa Manufacturing corporation has established Mayekawa Italia S.r.l.



Mayekawa is specialized in API compliant packages and projects requiring engineered solutions for compression and refrigeration. Under one roof we have the skills of engineer, manufacture, and service custom built equipment. Our shop and quality control personnel carry knowledge and experience that assures we produce only the highest quality custom packages. Our team is ready to solve your most demanding refrigeration applications. Each component on our equipment is rigorously tested to ensure our high quality standards are maintained.

MYCOM Service & Aftermarket Centers provide for prompt local customer support including field service, compressor and package upgrades, rebuilds, and service contracts. In most cases, urgent spare parts requests are shipped within 24 hours.

MYCOM is the brand name of compressors and oil pumps products and has grown to be synonymous with quality, reliability and service. Contact Mayekawa for assistance with your oil flooded screw compressors and refrigeration's needs.

Company philosophy & Partnering

It is part of Mayekawa's philosophy to develop long-term partnerships with its Customers. We value our Customers' long-terms interests and believe that working as partners, we can provide the best service and ultimately the highest quality packages.

As the Original Equipment Manufacturer (OEM), Mayekawa has access to engineering tools, special services, the latest product technology, and experienced shop personnel that bring add value to our Customers. We pride ourself on service and dedication to our Customer's needs. We work closely with our Customers during each stage of project.

The technical and commercial departments will have deep and direct contacts with EPCs and Users, in order to built-up strong relationship and to support our Clients in all phases of the projects from the Feasibility Studies to the Site Services for commissioning & start-up activities.



Engineering Construction & Shipping services

Mayekawa engineering team is specialized in critical service refrigeration and corrosive or wet gas compression. Our team is dedicated to providing reliable high quality packages for the most demanding services and applications and we have a complete understanding of the refrigeration we package. Our engineering staff has hands-on experience working in refineries and platforms around the world with over 80 years of direct experience designing, maintaining, refrigeration packages. Mayekawa's engineering team stands ready to work for you at all engineering stages including the shipping and delivery activities.



CTCI - SABIC

Aromatic Project 4925 m³/hr

Tail Gas Compressor unit

The Tail Gas Compressor units are designed to handel the Tail Gas from PSA System to the Client process unit at 12 bar a and +40°C.

CEPSA Refinery San Roque SPA

Complete package for Hydrogen compression (17000 Nm³/hr) from 7 to 39 bara with full API 619 oil flooded screw compressor driven by 2,2 MW EM.

The unit is designed to increase pressure and cool down, the H₂ coming from Membrane Unit and to feed the ISOMAX Unit or H₂ network.

OCP Morocco
No. 12 Ammonia condensing units
Scope of supply is the refrigeration of Ammonia storage system (Boil-Off).
Each package is designed with oil cooler thermosiphon type.
In the workshop 3 compressor units have been assembled at the same time.



Maire TECNIMONT
No. 3 Packages for Etileno XXI project in Mexico Total of
no. 5 compressor units.



CEPSA San Roque Spain
GH 320 package for ISOMAX Unit installed in CEPSA Refinery San.

Seaworthy packing according to UNI or Clients standards
Barrier bags and shipping & lifting drawings





Mycom Screw Compressor Applications

Mycom has been compressing flammable, explosive and corrosive gases since 1976. Our pioneering technical work has contributed to the advancement of the rotary screw compressor.

Typical applications for refinery, chemical and petrochemical plants, services include:

- H₂O saturated hydrocarbon
- Wet H₂S
- HCL/MeCl
- He, H₂
- Landfill/Digester gas compression
- Fuel gas compression
- Coke oven compression
- Process gas dehydration
- Pressure swing absorption (PSA)
- Silicon production compression
- Process gas refrigeration
- Boil off gas refrigeration



GH SERIES



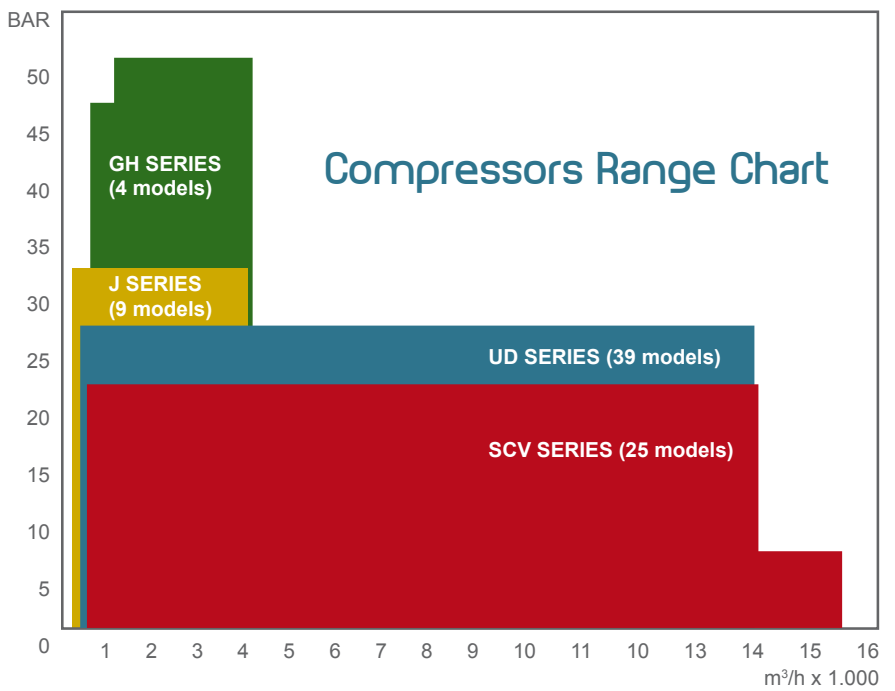
J SERIES



COMPOUND COMPRESSOR
(UD & SCV SERIES)



SINGLE STAGE COMPRESSOR
(UD & SCV SERIES)



Service & After Market Capabilities



We offer global service support for repair, parts, maintenance, overhauls, including start-up and commissioning support for oil flooded screw compressor packages through our service centers. Each of our strategically located worldwide service centers stocks major compressor parts and is supported by highly skilled local service personnel to promptly respond to customer's urgent needs. In most cases, Mayekawa can dispatch service personnel in less than 24 hours and provides for spare parts delivery the following day.

- Onsite & offsite repair, parts, maintenance, overhauls, start-up and commissioning support
- Mycom Service Engineers will come to you equipped with years of experience and dedication
- Staff capable of flying out to you at a moment's notice offering emergency support 24/7
- Maintains standard stock on Mycom compressors and MYCOM factory original parts.



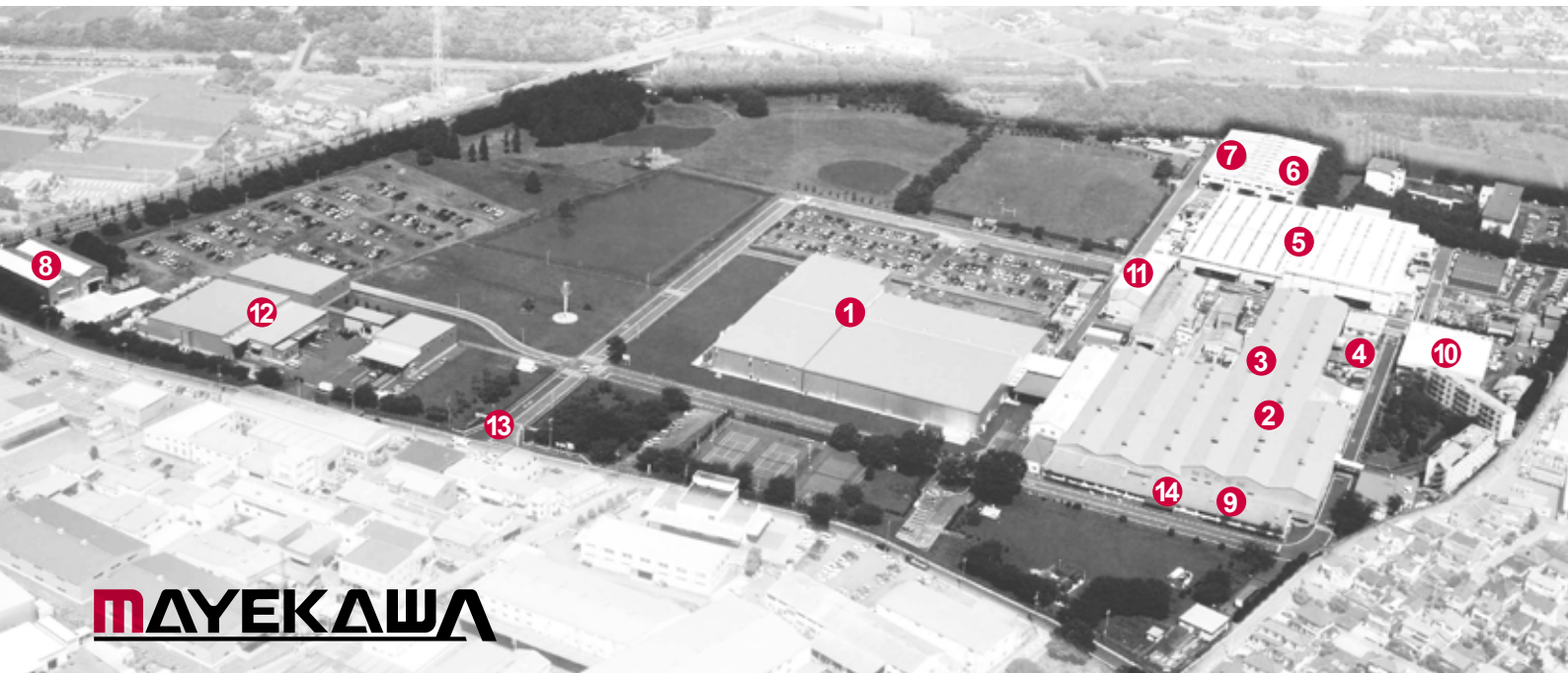
Compressor's Remanufacturing Program



The Compressor's Remanufacturing Program is a cost effective means of reviving your damaged or worn compressor. Pricing includes all parts and labor and is independent of the severity of the damage. It is simply a fixed percentage of the cost of an equivalent new compressor. Your remanufactured compressor will be brought back to Mayekawa factory or directly to our workshop guaranteeing that all workmanship and parts will be free of defects.

Overhauling of 4032LLLL - MOG Libya

- ① Compressor Production Division
- ② Package Production Division
- ③ Service Shop
- ④ Refrigeration Electronic (REFTRO) System Shop
- ⑤ Package Production Division
- ⑥ Control Panel Production Division
- ⑦ Food Processing Machine Production Division
- ⑧ Retrofitting Shop
- ⑨ R&D Center
- ⑩ Administration Office
- ⑪ Parts Center
- ⑫ Ice Making Plant
- ⑬ Front Gate
- ⑭ Front Entrance



To the world. At Moriya plant we continuously manufacture innovative products.

Moriya plant is the core of the Mayekawa Group.

Mayekawa continues to develop its own unique business activities in the areas of industrial refrigeration systems, manufacturing and sales of various gas compressors and plant engineering in various fields.