

Creative solutions for customer's success



GALILEO TP
PROCESS EQUIPMENT

A  **BURKE PORTER GROUP** COMPANY

Mission

Our company **GALILEO TP** Process Equipment S.r.l. is the result of the merging of former Officine Galileo Technology and experience in the field of Vacuum and Refrigeration technology and Tecnoplant, one of the first companies in the field to have obtained ISO 9001 Quality Certification.

This merging of technologies, traditions and human resources has been leading to the creation of a company with a history of continued growth and development on worldwide level since the 1940s.



Our Mission

GALILEO TP's main goal is to exceed the expectations of our customers in an effective and efficient way by making our expertise in the refrigeration industry, at our customers' disposal.

Dedicating all of our company's resources to the refrigeration industry is the result of more than 50 years of manufacturing commitment to serving this market.

Our specialized experience allows GALILEO TP to address the needs and demands, as well as the different safety and legal requirements, that govern the industry.

We are able to anticipate the industry's production trends and provide leading edge technical and functional solutions while providing exceptional service and after-sale assistance thanks to our global presence.



Our History

1930-1940

Officine Galileo starts the production of pumps and measurement instruments for the high vacuum. We are able to anticipate the industry's production trends and provide leading edge technical and functional solutions while providing exceptional service and after-sale assistance thanks to our global presence.

1957-1959

It is built, for one biggest Italian industrial groups, one of the first electromechanical systems in the world aimed at the evacuation and charge of refrigerant fluids with complete automatic functioning (the evolution of the equipment, the series V210F, from 1972 will be exported all over the world).

1961-1965

Valves for high vacuum are produced, they can be regulated pneumatically and electromagnetically (series V4ac-et).

1965-1971

The first diffusion pumps are designed and produced to reach high vacuum levels up to 1×10^{-7} mbar (series V3af-bk).

1979-1981

Birth of the first double stage rotary vacuum pumps with a direct drive (Modular series).

1982-1983

At the beginnings of the new information era Officine Galileo created the first line of automatic machines for vacuum and refrigerant fluids charge controlled by a microprocessor (Digifill series).



1985-1986

Officine Galileo designed the first soft-ware for management of process equipment and for data collection aimed at high production plants (Diagnomat and Selediagnomat)

1989

The "Vacuum Technology" Division of Officine Galileo becomes a separate company with the name of Galileo Vacuum Tec. The new generation of double stage rotary vacuum pumps is introduced (Vacsound series).

1992-1993

The first charging machine for the evacuation and charge of Hydrocarbons (isobutane R600a) is developed for the domestic refrigeration industry (Prodigit series).



1997

The Galileo Vacuum Tec operations dedicated to the refrigeration industry are merged in a fusion with the company Tecnoplant and thus the company GALILEO TP Process Equipment S.r.l. is created. The company obtains the ISO 9001 certification and it is one of the first companies in the world in this sector to obtain such a certification.

1999

GALILEO TP Process Equipment s.r.l., definitively purchased all the activities regarding the manufactures of RAC market and the vacuum products (vacuum pumps, Pirani sensor, strain-gauge, fittings, etc.) including all the intellectual properties, licenses, project and patents.

2005

GALILEO TP Process Equipment s.r.l. opened brand new Regional Sales and Service Center worldwide for better customer's care and satisfaction, located in East Europe (Bulgaria), U.S.A. and China. More details about those center can be found in the HQ and Regional Center section. In this year GALILEO TP Process Equipment also purchased all the activities, licenses projects and intellectual properties of ETS Elettronica, and thus acquired the know-how regarding the helium leak detect testing system and automotive components.



2011

GALILEO TP Process Equipment s.r.l. established its headquarter in Via del Pantano 73A, 50018 Scandicci (Florence), Italy.

2013

GALILEO TP Process Equipment s.r.l. opened a new Regional Sales and Service Center in Brazil.

2018

GALILEO TP Process Equipment s.r.l. joined the Burke Porter Group in July of 2018. Burke Porter Group is a house of brands and global leader in the design, manufacture and supply of intelligent machines. Our family encompasses over 40 locations across 4 continents, with manufacturing and support capabilities across the globe.

2020

Using the GALILEO TP Process Equipment S.r.l. technologies and systems, millions of refrigerating units are produced annually throughout the world, granting to the customers, either small manufacturers or major industries, the utmost quality and reliability in both services and products.

Our Mission



Our company is dedicated to high quality standards. In 1996, Galileo TP obtained ISO 9001 certification, becoming the first company in our field to achieve this. All our activities regarding the design, production, marketing and assistance of process equipment for the production lines of refrigeration units and our products for evacuation, for the charge of refrigerant fluids and oils, for leak tests as well as electrical and functional tests, are conceived and carried out to ensure our customers the best possible return of investment.

- Our concept of quality could be therefore summarized as follows:
- Compliance with the law requirements and regulations in force;
- Compliance with the requirements imposed by the contract with the customer;
- Product compliance with the characteristics expressed in the specifications;
- Price stability and competitiveness;

Moreover, Galileo TP has historically provided and continues to provide strategic technological training and academic purposes on important refrigeration technologies such as Vacuum and Leak Detection, contributing to the improvement of the industry know-how.

Environment & Safety

Protecting the environment and the workers' safety is of utmost importance for Galileo TP. In the early 1980's, Galileo TP tested the first charging machines for environmentally friendly fluids and manufactured recovery units for polluting gases.

Since then, our close collaboration with environmental government agencies of several countries around the world and with the UN and its affiliated organizations have enabled Galileo to fulfill an extremely important strategic mission: to preserve the earth from environmental pollution.

By supplying production systems which allow the use of flammable gases, Galileo TP has contributed to the protection of thousands of operators while performing their functions.

Galileo TP has shared its experience and expertise in these areas by providing a series of training sessions specifically focused on the safety within the work environment in compliance with the most recent European standards (ATEX II).



Products

Engineering of Industrial Production Lines



Leak Detection Systems



Ultrasonic Welding Systems



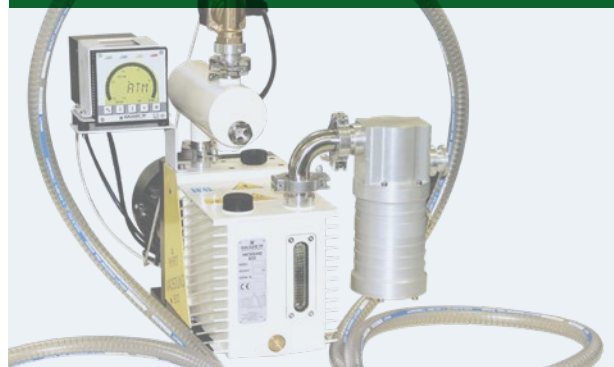
Electrical Safety Test



Helium Recovery Systems



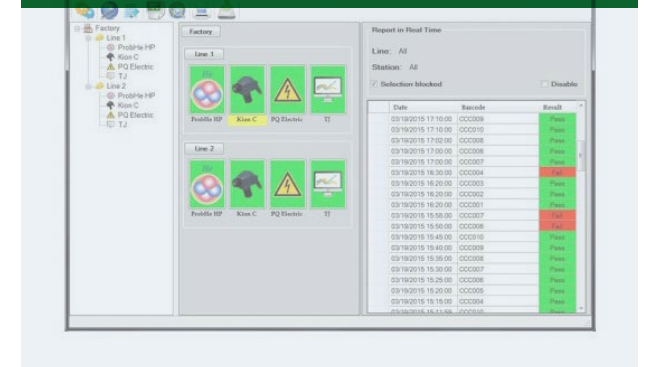
Evacuation



Performance Test System



Data Acquisition Systems



Refrigerant Fluids & Gas Charging Machines



Refrigerant Charging Machine Accessories



Designed to meet your needs

Our company has designed and engineered for the refrigeration industry a vast array of products to suit the most demanding requests for any type of production or work. Our products can be divided into three main sectors:

- Production machines: necessary for all production phases
- Test machines: necessary for testing the product from the assembly to the final stage of production
- Machines built for outside of production lines: items that are used for repairing lines, labs or for the after sales.

All our machines are built according to the European regulations in order to meet the highest quality standards. The products that have to work in ATEX classified areas and test safety features (i.e. electrical test) are provided with TUV certifications, an International accredited agency. All our products can be connected via Ethernet or with other types of digital signals, and they can be integrated with our data acquisition system GEDA. With the data acquired and stored in our machines, the software can control all the phases of the production process and providing all types of analysis. Also, GEDA performs analysis of the productivity and quality of the controlled production lines.

Our market

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