

Dorin, 1918-2018 - From tradition to innovation



"Sleep a little and work hard": this was the motto of the **cav. Mario Dorin**, who exactly **100 years ago** decided to abandon the paternal way of heating system developer to realize his dream of working on his own. Supported by his wife Adele, Mario Dorin stopped rewinding the engines in the kitchen and rented a small room in via delle Casine in Florence, together with his friend-employee Buonaiuti, and he started turning for third parties.

Years later he made machine tools such as grinding movable axes, broaches and small lathes partly for sales, but above all, he used to make various types of work in the world of mechanics, specializing then in the adjustment of crankshafts.

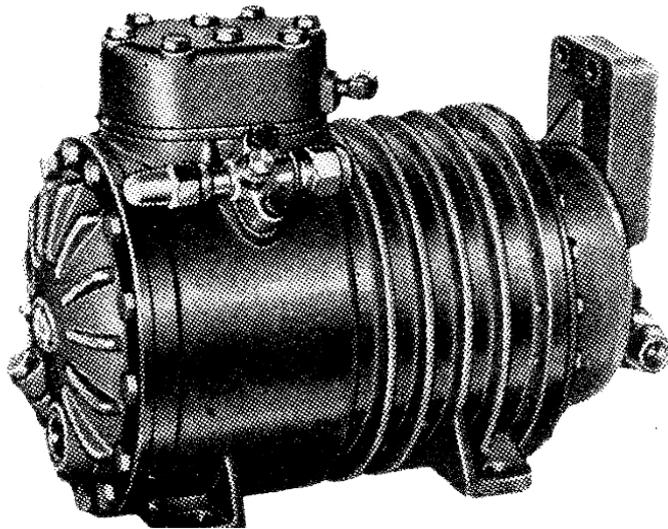
In the mid-1920s, began to build air compressors.

In **1930** he felt that **Italy needed to produce industrial cold**, replacing the ice plate, to improve the conservation of foodstuffs, with its first open compressors.



Since then, year after year, he reduced the work on behalf of third parties to concentrate on his production of refrigeration compressors.

During the unfortunate period of WWII, while maintaining the production of refrigeration compressors, he dedicated part of the work to the production of aeronautical components for the Piaggio workshops in Pontedera.



Model 150B of Series 1MG

After the WWII, in 1947 he totally concentrated in the refrigeration sector, authorizing the construction of a new range of semi-hermetic compressors (accessible hermetic), first in Italy

Since then it has been a constant growth assisted by the sons Amabile, Giovanni and Gianpaolo. And it was thanks to the technical preparation of Giovanni and to his intuition that the semi-hermetic Dorin compressors became widespread. In fact, returning from the WWII, he had the

merit of designing and optimizing the complete ranges.

In the years of the economic boom, the market opened to export, making the "[Officine Mario Dorin](#)" brand a reference for the European market, absolutely fertile in those years of social and economic recovery, and thus opening the way to a great appreciation and esteem in the world of refrigeration.

In **1970** the fourth industrial factory in Florence South was built in the direction of Pontassieve in the locality of Compiobbi (Fiesole), the current Headquarter, site of research, development and assembly of the most qualified productions.

Mario Dorin passed away on October 14th, 1984, and the sons in memory of his father continued his work by making the [Officine Mario Dorin](#) grown and appreciated in the world.

In the year **1991**, committed in Dorin to the will of contributing to solve the problems related to environmental pollution, it began the study and construction of the first natural gas compressors in which the use of carbon dioxide ([R744](#)) is a dominant part.

Today, [Dorin](#) is the **market leaders** and main point of reference for every plant engineer who wants to apply [R744](#) gas as a refrigerant in its systems.

Making these compressors was an important goal because there was no such industrial production in the world and it was unique and original.

Years later, the other competitors understood the importance of these products and began to enter this market, obviously underlining the success of Dorin and its designers.

In **2003**, following a corporate reorganization, his son Giovanni Dorin and his nephew Nicoletta Mazzei perpetrated in the important entrepreneurial work of the founder,

assisted in turn by the entry of young people: their children Mario Dorin, Giuseppe Balduino and Nicola Dorin.

The company's expansion continues in the following years; offices were opened in Moscow, India and China. It also buys a company specialized in high precision machining.

The original and Italian design of new refrigeration compressors for the most varied markets continues, from commercial and industrial applications to road, rail and marine refrigerated transport, from applications for railway conditioning to naval conditioning to civil air-conditioning and heating. In the years **2005-2010** the range of HFC compressors was renewed and a **new series of R744 compressors** was developed. The range of compressors is expanded, reaching very important powers, and investments are made in sophisticated production, also creating a line dedicated to the production of transcritical compressors for CO₂, flagship of the [Officine Mario Dorin](#).

In **2011**, due to obviously age issues, Ing. Mario took over from the Presidency of Eng. Giovanni, and with great entrepreneurial skills and with the support of his sons and cousins as well as highly professional and passionate collaborators, managed to overcome the economic crisis of those years without ever having a day of layoffs.

Today, the nephew of the founder, Ing. Mario Dorin, with the support of his sons Giovanni and Nicola together with his cousins Benedetta and Giuseppe (sons of Nicoletta Mazzei), assisted by highly qualified managers, continue the development of the company, having clear the mission of the company, well represented by the other motto of the founder:

"what matters is that all products are perfect"

that still drives the company vision of continuing to grow in the international and Italian market, to be a point of reference for the world of refrigeration and to guarantee future generations an example of entrepreneurship and always dynamic and innovative commitment.

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