

The 60 Millionth Compressor in Zlaté Moravce, Slovakia

Zlaté Moravce – Slovakia, September 10, 2024

Secop celebrates the 60 millionth compressor milestone at its plant in Zlaté Moravce, Slovakia.

A Journey Through the History of Refrigeration

Today, Secop, a global leader in hermetic compressors and cooling solutions, is celebrating a significant milestone: the production of the sixty millionth compressor at its Zlaté Moravce, Slovakia plant. This achievement not only marks a proud moment for the company but also underscores our unwavering dedication to refrigeration over 60 years of innovation, tradition, and commitment.

The Past: A path through three generations

In 1950, in Zlaté Moravce, then Czechoslovakia, the Calex company started production of hermetic compressors and refrigerators. At the time, the factory employed up to 5,500 people and produced up to 1 million compressors per year, while up to 400,000 refrigerators were produced under the Calex brand until 2000. In 2001, Danfoss took over the ownership of the factory and started to produce rotors and stators as well. In 2005, the production of TLs began, increasing to three production lines in 2007. In 2010, the Aurelius Group acquired the company from Danfoss, changing the name to Secop. Subsequently, production was extended, firstly with the DL line in 2011 and, finally, to the NL line. This transformation path that led Secop to become a market leader in the refrigeration sector, with a global presence and share in the hermetic compressor market. In the Zlaté Moravce area, it is not uncommon to meet people who are deeply connected with the compressor factory, as in some cases, there are even three generations of the same family who have worked in the Secop plant, and who are therefore proof of how fundamental and deep-rooted the culture of refrigeration is in the area.

The Present: The beating heart of Zlaté plant innovation

At the heart of Secop's success are our employees, whose skills, commitment, and passion for innovation drive us forward. Many families have been part of our journey, passing on unique knowledge from one generation to the next. This strong connection with the local community and the development of local talent is crucial to our success. The dedication and expertise of our employees have enabled us to develop cutting-edge products, such as the NLV compressor, and achieve high levels of efficiency, as seen in our new K line. It is this collective effort that has led Secop Slovakia to celebrate the production of the sixty millionth unit at our Zlaté Moravce plant today.

The Future: Efficiency and sustainability

Secop's strategy is strongly related to innovation and sustainability. The company continues investing in research and development to create more efficient and environmentally friendly products. The NLV compressor is a prime example of this. It is a highly efficient, variable-speed compressor with low energy consumption. It is powered by environmentally friendly (low GWP) natural R290 refrigerant gas. Secop operates in different market sectors driven by technological innovation; each industry has different characteristics and specific needs. The NLV high energy efficiency platform can meet customers' needs in various market segments (food retail, food service, beverage, medical) thanks to the high efficiency and the new electronic controllers. These new controllers allow the compressor to be adapted to multiple applications in several market segments, from the traditional commercial refrigerator that needs to be converted to green refrigerants and improved energy consumption to the more sophisticated medical freezer down to ultra-low temperatures for storing specimens and vaccines. Also, the new range of KLF R290 models supports the development of green and efficient cabinets. In parallel, a new range of KLE R134a is under development to support the substitution of less efficient products and enhance the overall performance of old equipment.

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About Secop

Secop is the market expert in advanced hermetic compressor technologies and cooling solutions for storage and transportation commercial refrigeration.

The group has its headquarters in Germany and manufacturing plants in Slovakia and China. It also has research centers in Germany, Austria, Slovakia, China, and the USA, including a dedicated competence center for electric motors and control electronics in Germany.

Secop develops high-performance light commercial AC solutions, mobile cooling DC solutions for leading international commercial refrigeration manufacturers, and cooling solutions for the medical cold chain.

The company's core competences lie in hermetic compressors and electronic controls for refrigeration solutions. Secop has a long track record of successful projects. This has enabled the group to adopt energy efficient and green refrigerants, featuring innovative solutions for both compressors and control electronics. Secop's primary focus is on developing sustainable cooling solutions that align with the growing demand for environmentally friendly products.