

# “Sound work is the best patent”



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**+** Heinen Freezing has manufactured industrial pasteurization, proofing, cooling and freezing systems for the international food industry for more than 30 years. More than 80 employees at the Varel site in northern Germany manufacture and pre-assemble around 70 machines and systems each year.

Whether for the meat, fish and poultry industries, or for pastries, ready meals and ice cream, Heinen's various spiral system series such as the **compact** or **arctic** allow almost all thermal processing steps to be completed in less space and with higher energy efficiency without damaging the product. Thanks to a modular basic concept and with the help of numerous innovative options, the systems can be adjusted to specific customer needs with regard to power, temperature, humidity, air speed, dimensions and production time, without defrosting.

In 2015, this flexibility allowed Heinen to accomplish a special project for an international market leader in the bakery industry in Belgium. In an existing production facility with extremely limited space and uneven room conditions, a spiral proofing system bigger than 16 m in length, 10 m in width and 8 m in height from the **proofline** series was integrated for the production of 40,000 croissants/h. The **proofline** proofing system now allows various laminated dough pieces to be gently proofed with variable residence times of up to 120 minutes in an accurately controlled temperature range of +25°C to +35°C and a relative humidity ranging

from 55% to 85%. The unique concept of the Heinen proofing systems is distinguished by the fact that the product area, i.e. the spiral system, is completely separated from the proofing climate generation. This together with very good accessibility ensures that the entire system is easy to clean. A simple yet equally extensive recipe management, the proofing climate control developed by Heinen and the extreme reliability with reduced maintenance costs are just a few other important features that distinguish the **proofline** series.

“Sound work is the best patent” (Anton Heinen) – this guiding principle is as valid today as it was back in 1856. +++

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Since more than 30 years Heinen Freezing is partner in the international food and beverage industry specializing in industrial pasteurizing, proofing, cooling and freezing systems. Heinen Freezing is part of the Amandus Kahl Group.



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