

Spiral freezers. Spiral coolers.

Meeting the highest demands.



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01 Flexible

As a single or double drum system, upwards or downwards conveying, four layouts and three system diameters, and installed on the factory floor, a foundation or on a frame, the arctic meets all requirements in terms of capacity and integration in process and building.

02 Sophisticated

Wall and ceiling panels of the insulating enclosure are lined with stainless steel, while the floor is designed as a fully seam-welded stainless steel tray with defined drains. The interior of the enclosure is accessed by means of an insulated stainless steel door with contact switch and electric frame heating.

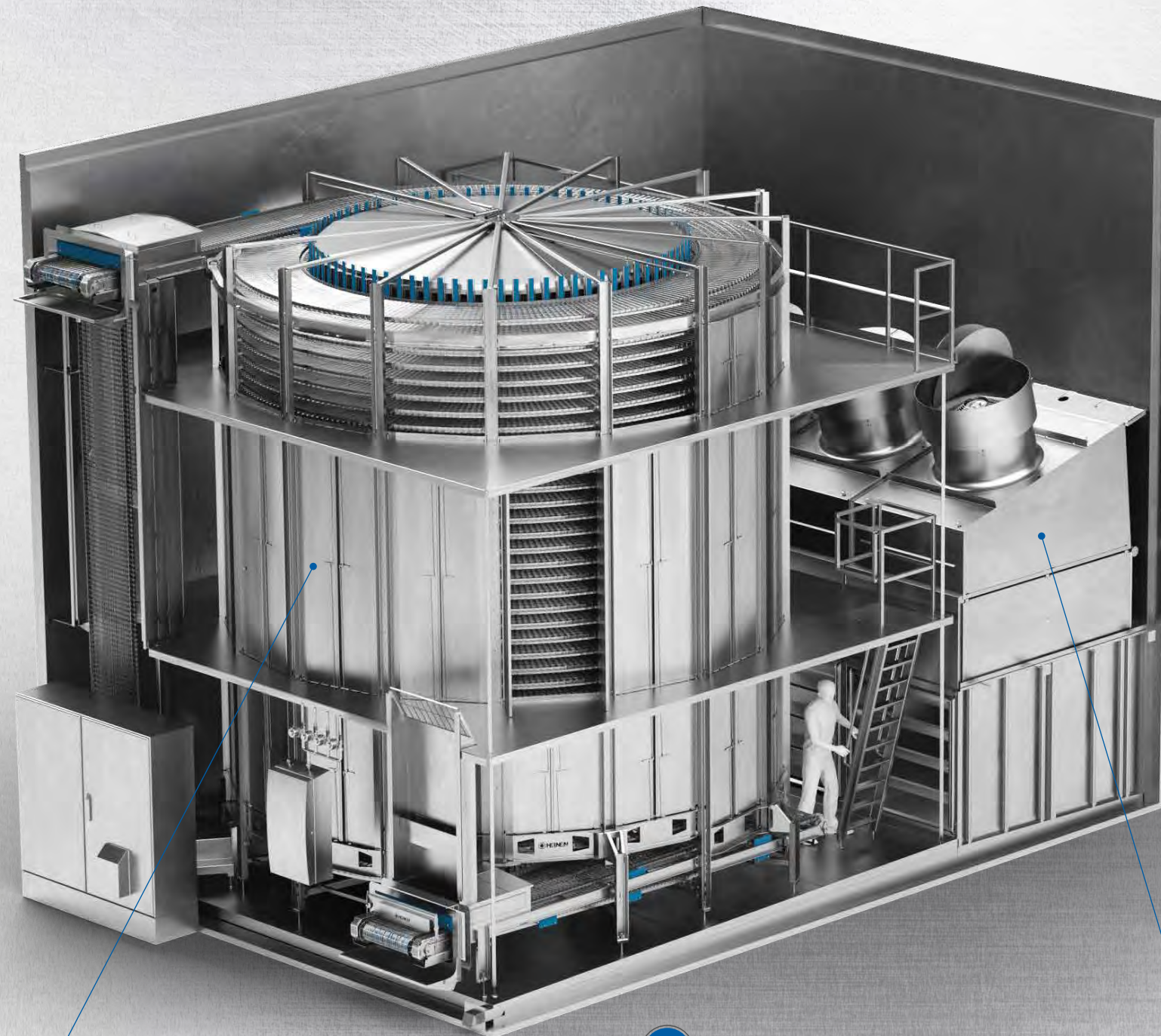
03 Versatile

The conveyor system can accommodate a variety of different belts. Stainless steel or plastic belts, with open or closed belt surface, with small or large pitches, and with or without side plates. The stainless steel and plastic belts can be retrofitted at a later date.

04 Reliable

Designed for industrial multi-shift applications, the highest degree of reliability is guaranteed by the smooth belt guidance via drum and frequency-controlled main drive and overdrive motors, the use of high-quality components, and the minimum of moving parts.

● Cooling ● Freezing



09 Customised

The arctic can be realised with numerous options, such as an insulating enclosure with a stainless steel exterior or a fully welded insulating enclosure, frequencycontrolled fans, air cooler rinsing device, in asymmetrical layouts, or as a twin-belt system - customdesigned to meet your needs.

08 Adaptable

Whether equipped with a loading conveyor for the transfer of form sensitive products onto the already collapsed belt, a horizontal infeed conveyor for safe delivery at the infeed or a discharge conveyor for the downstream system - the arctic adapts perfectly to every layout.

07 Modular

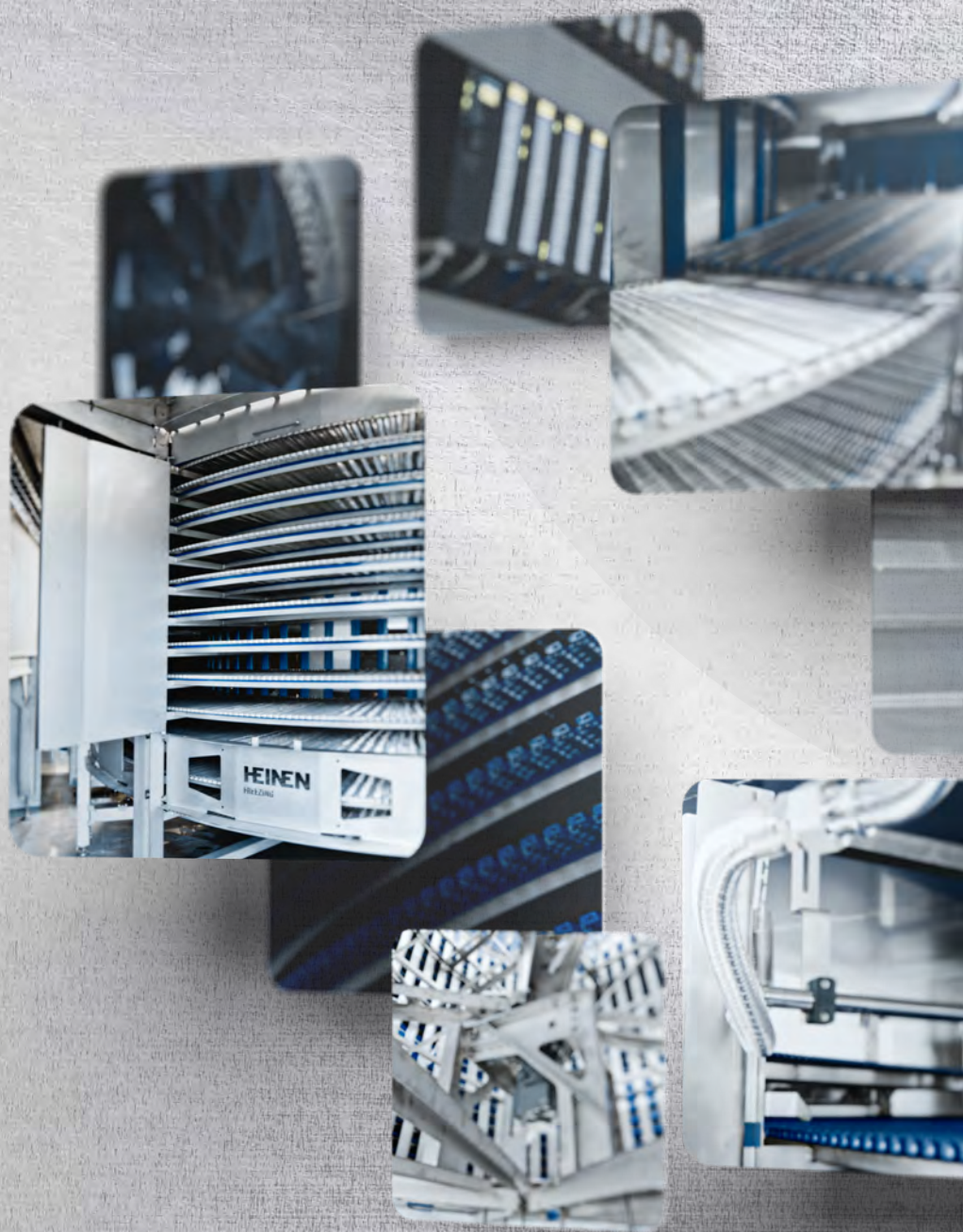
The simple belt cleaning system, with a pump unit for increasing pressure generating foam can be progressively upgraded into an extended cleaning system or even further into a fully integrated cleaning system that cleans the entire interior in addition to the belt and the conveyor system.

06 Efficient

At the end of each shift, defrosting can be carried out using hot gas or electrical heating methods. The the snow blow-off system can extend the production time before defrosting becomes necessary. Sequential defrosting works continuously to allow production times of 144 h without interruption.

05 Functional

The arctic offers state-of-the-art PLC controls, several remote service and communication options, programming and saving of all product and system parameters in recipes, plus elaborate visualization (3D images of the system, temperature trends, etc.) on a colour touchscreen.



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