

Tunnel Freezers and Coolers

THE SOLUTION FOR FREEZING LARGE QUANTITIES OF CONTINUOUSLY PRODUCED PRODUCTS IN
THE FOOD PROCESSING INDUSTRY

Freezing technology

VDL Systems designs and manufactures several types of tunnel freezers. These machines find their way to the end market through several OEM's of food processing equipment. Additional to building traditional site-built systems, VDL Systems has developed an unique, hygienic and modular packaged concept that significantly reduces the on-site construction time. This unique tunnel system is entirely constructed of stainless steel and can be prefabricated and installed on-site. Important product features are:

- hygienic and completely welded constructions up to 40 meters in length
- freezer is constructed with multiple temperature-compartments with external belt drive units
- tunnel can be provided with all types of belts
- prefabricated packaged freezing units
- additionally, the tunnel freezer can be provided with:
 - automatic cleaning (C.I.P.)
 - loading systems (shakers, elevating- and descending belts) and / or cross-output belt conveyor
 - automatic defrost system/snow-blow system (ADS/DS)
 - belt thumpers and / or multiple product-overflow sections

Tunnel freezer design

These high-quality process installations are completely constructed of stainless steel. We execute the entire process - from engineering, sheet metal processing, machining, welding, sandblasting to assembly and installation - at our own workshop. Therefore, we have excellent control over the lead time of our production process, resulting in a significant contribution to the time-to-market. Moreover, the service engineering in our service department are ready for installation and maintenance of any of our equipment worldwide.

VDL Systems, part of the VDL Groep, is active in engineering, production and installation of machines, internal conveyors and logistic systems for food OEM's of food processing equipment.

We specialized ourselves in processing stainless steel and aluminum, starting from CAD/3D-engineering to full turnkey production inside our own organization. Besides building single units, we also produce in minor or medium series. We execute the entire process at our own workshop. Therefore, we have excellent control over the lead times of our production process, resulting in a significant contribution to the time-to-market.

Quality of our products is paramount, as well as ingenuity, flexibility and reliability. Our knowhow and experience empowers us to add incredible value to your design or drawing, resulting in practically optimized production processes for our customers.

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VDL SYSTEMS IN A NUTSHELL:

- Vibratory Technology**
- Internal Transport**
- Tunnel Freezers and Coolers**
- Spiral Freezers**
- Stainless Steel Robot-Welding**
- Prototyping**
- CAD Engineering**
- Automatic (Un-)Loading Systems**
- Livebird Arrival Systems**

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