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Self-stacking spiral freezer JBT Frigoscandia GYRoCOMPACT® GC70

JBT Frigoscandia (Sweden) · capacity up to 2500 kg/h

Application

Industrial spiral blast freezer with the FRIGoBELT® Nova self-stacking belt for freezing semi-finished products: pelmeni, cutlets, nuggets, schnitzels and similar. Freezing from +15 °C to −18 °C (stabilised temperature). Stainless steel construction, EU certified.

Design and equipment

FRIGoBELT® Nova self-stacking belt; FRIGoDRIVE® drive system; PED-certified evaporator (stainless steel / aluminium); CIP washing of the product zone and the evaporator with defrosting; ADF air defrost system (extends continuous running time by a factor of 2–3); product height limiter with a detector; product take-off scraper; remote access to the control system; PLC control.

Technical data

Parameter	Value
Model (example configuration)	GC70/3-08-32-3C EW CCR
Capacity	up to 2500 kg/h (depending on the product)
Inlet / outlet temperature	from +15 °C to −18 °C
Freezing time (examples)	pelmeni 19 g — 17 min; schnitzel 120 g — 39 min
Belt	FRIGoBELT® Nova, 80 mm tier height, 32 tiers
Max product height	65 mm
Refrigeration demand	up to 290 kW · refrigerant R507 · evaporation −40 °C
Operating mode	24 h continuous (with the ADF system)
Country of origin	Sweden

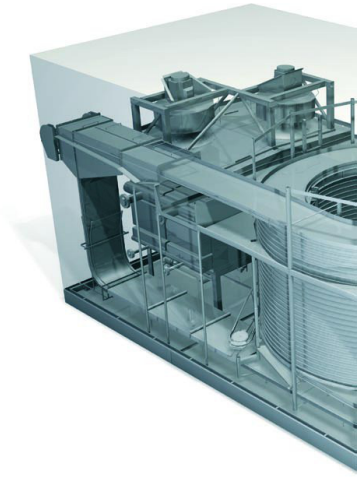


Photo from the materials of JBT Frigoscandia

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Supply: DDP delivery, supervised installation and commissioning, staff training, technical documentation in the customer’s language, warranty and post-warranty service, original spare parts and lubricants. The chamber configuration (number of tiers, belt, refrigeration capacity) is calculated for the customer’s product.