

## WESTFLEISCH

Westfleisch is a leading integrated meat works company in Germany. For their extension of the pallet freezer line 3 dedicated compressor packages were built in Germany by SRM Germany. The packages are equipped with SRM2016LS two-stage compressors for highest efficiency and smallest footprint.

The compressors are inverter speed controlled to match the load demand closely and operate up to 4200 rpm. The oil cooling cycle is equipped with heat reclaim to avoid any wastage of energy.

Contractor Zimmermann installed the system and optimized the operation during commissioning.



3 x SRM2016LS open-drive compressors packages with a displacement of 1270 m<sup>3</sup>/h are operating at up to 4200 rpm to ensure fast pulling down of the produce in the freezer.



### MAIN FEATURES:

- ⌋ Newest 5/7-i-profile for highest efficiency and lowest demand of oil for sealing and lubrication.
- ⌋ Increased lifetime of bearings by specially designed oil floating channel for the ball bearings
- ⌋ Extra packages of roller bearings to do away with balancing pistons to counter the axial forces avoids another potential cause for failure
- ⌋ Speed control of up to 6000 rpm (for the smaller models) adapts closely to the capacity profile needed.
- ⌋ Vi-Regulation for optimal adjustment to temperature zones
- ⌋ single- and two-stage compressors

SRMTec offers a range of refrigeration technology equipment focused on natural refrigerants like NH<sub>3</sub>, CO<sub>2</sub> and Hydrocarbons like Propane, Isobutane etc. for all kind of applications in every aspect of modern life. The compressors are the development of Svenska Rotor Maskiner, the pioneer of screw compressor engineering since 1908.

**SRM EU** is the subsidiary of Snowman of China for European and American customer support and sales of industrial refrigeration solutions. We cooperate closely with our agents and distributors to be a reliable local partner for our customers.

### PROJECT DESCRIPTION

#### Packages for Pallet Freezer

SRMTec : 3 x SRM2016SL  
Refrigerant: Ammonia R717

#### Technical Data, Total

Capacity Q: max. 3 x 322 kW  
Te: -42°  
Tc: +35°  
Energy consumption: 3 x 200 kW  
COP<sub>total</sub>: 1,6  
Commissioning: March 2019

Learn more at [srmtecgroupp.com/products/SRM2016SL](http://srmtecgroupp.com/products/SRM2016SL)

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