

## SKT – FloFreezer installation – 7.000 kg/hr.

### FloFreezer:

*Brand:* SKT  
*Capacity:* 7.000 kg/hr  
*Infeed temperature:* +20°C  
*Outfeed temperature:* -10°C  
*Evap. Temperature:* -37°C  
*Refrigerant:* NH3/Ammonia  
*Outside dimensions:* 13200x4550x5500 mm (LxWxH)

*First section:* Shaker (including infeedshaker)  
*Second section:* Freezing belt  
*Belt width:* 1000 mm

Defrosting system consists of two freezing doors , one at the air entrance of the evaporator (coil) and one at the air exit of the evaporator

During freezing process the two doors slide before the evaporator so no cold air can pass through , then the hot gas opens (automatically) and all the melting snow /water flows through a drain system to the outside of the tunnel. After 10 min the hotgas valve closes (automatically) and the cold valve opens , after 3 min the door slides to the next evaporator. Defrosting time is adjustable.

### Screw compressor unit:

*Brand:* Sabroe  
*Type:* SAB 163 HF (x3)  
*Refrigerant:* Freon  
*Capacity p/c:* 141,4 kW at -40°C/+40°C  
*Total capacity:* 424,2 kW at -40°C/+40°C  
*Electromotors:* 3x 200 kW at 3000 RPM  
*Including:* - unloaded start - capacity control  
- on steel base frame - pressure safety switches  
- pressure gauges - oil cooler  
- control panel  
*Pieces:* 1 skid with 3 compressors Sabroe SAB 163 HF

### Evaporating Condenser:

*Brand:* Evapco  
*Type:* LSCA-X-500  
*Refrigerant:* NH3/Ammonia  
*Capacity:* 1758 kW  
*Dimensions:* 5480x2160x3800 mm (LxWxH)  
*Pieces:* 1

### Including:

- 1x Control panel components such as FloFreezer regulation, Compressor regulation, Evaporating Condenser regulation and all relais
- 1x Low pressure separator Grasso // contents 9.000 ltr. and incl. 2x pump Hermetic CNF
- 1x Intermediate separator
- 1x Liquid receiver Grasso // 910 ltr.
- 1x Oil rectifier Grasso // 180 ltr.



















