

S7 Series Stacking Spiral Freezer Specification

Conveyor belt

Link height(mm)	80	100	120
Vertical clearance for product(mm)	65	85	105
Number of tiers	30, 35, 40, 50		
Total width(mm)	760		
Net width(mm)	715		
Length per tier(m)	13.1		
Effective belt conveyor area per tier(m ²)	7.7		

Electrical data

Number of fans	2	3
Main voltage	380V ± 10%/50Hz	
Installed power (kw)	50	68

Refrigeration data

Standard design	R717 (Ammonia): Pump circulation ratio = 4-6 times evaporator
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Defroasting system (After production)

Defroasting medium	Hot gas or water	
Number of fans	2	3
Water consumption(m ³ /h)	20	30
Minimum water temperature(°C)	+15	
Water supply pressure(MPa)	0.2~0.4	

ADF air defroasting system (During production)

Defroasting medium	Oil-free compressed air
Gas source	Compressed air temperature less than 40°C, Pressure 0.7MPa, Gas dew point -40°C, Flux 0.54~0.78 m ³ /min

CIP(Clean-in)

Water consumption(m ³ /h)	6
Minimum / maximum water temperature (°C)	+15/+60
Water supply pressure(MPa)	0.2~0.4
Gas source	Compressed air pressure 0.7 MPa, air flow 0.35~0.4m ³ /min

Noise emissions

According to national standard	Maximum 80dB(A)
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Application data

Normal loading distance on straight conveyor belt	Rectagular products: 1.7×product length	Round products: 1.5×product diameter
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Enclosure length	Evaporator and motor numbers	
	2	3
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