Gerstenberg Schröder
AN SPX BRAND



Perfector 125

A compact, high-quality, medium-capacity machine – promises superior crystallisation performance, minimal downtime and easy maintenance.

Supporting a production output of up to 6.7 t/hour, GS Perfector 125 offers a number of unique benefits:

Outstanding durability
Completely sealed, fully insulated, corrosion-free stainless steel casing guarantees years of trouble-free operation.

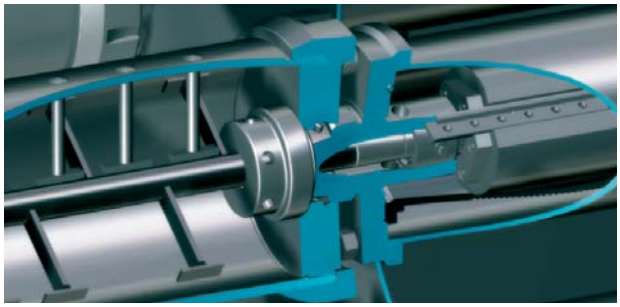
Improved heat transmission
Special, corrugated chilling tubes improve the heat transmission value and prevent any internal build-up of compressor oil.

Higher efficiency
Each refrigerant circuit has a drop tank that enables prompt start-up and reduces downtime during production halts.

Easy cleaning and maintenance
Perfector 125 is designed to keep downtime to an absolute minimum - CIP cycles are fast and efficient, and maintenance procedures are simple.

Less noise
The new, low energy, cast iron gearbox yields maximum power while keeping noise levels to a minimum.

Scraper rotor systems
The standard scraper system is the Bulldog system featuring two rows of plastic scrapers. The scrapers can be inspected and replaced without removing the rotor. This ensures less downtime. Alternatively, rotor systems with floating scrapers are available in a selection of different materials to suit your particular product application.



Product seals
The product seals are designed to be semi-balanced with tungsten carbide wearing rings. Flushed seals are also available (except for rotor systems, which are fitted with sword scrapers).

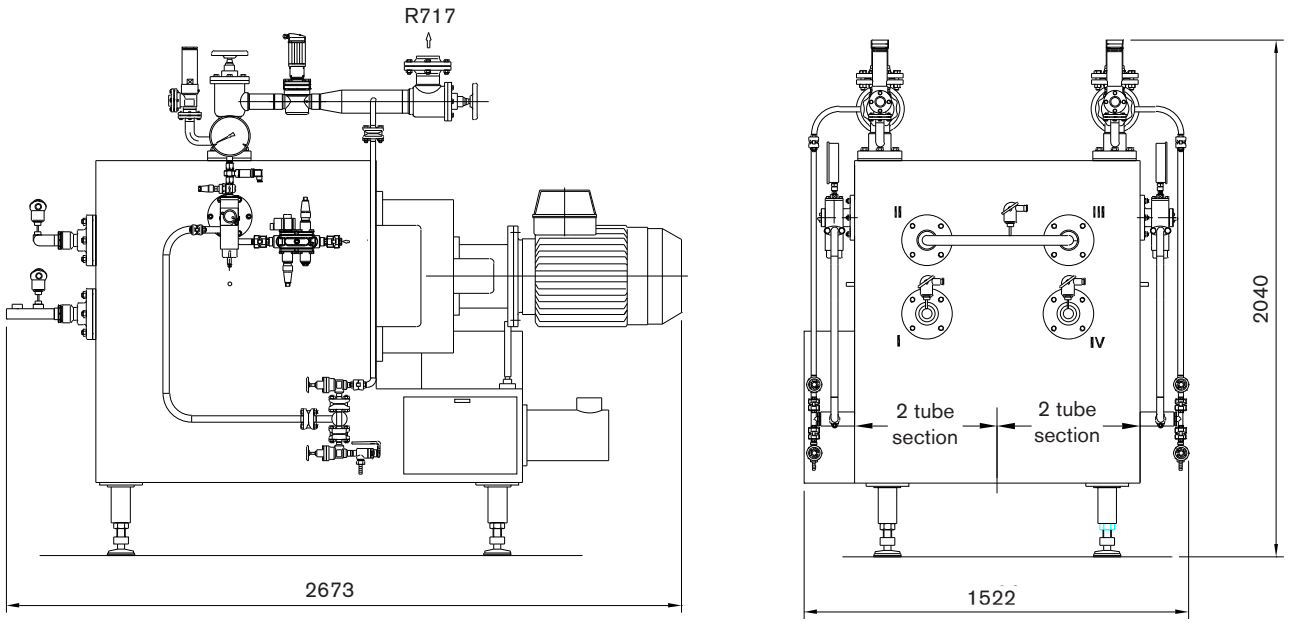
Materials
Product contacting parts are made in stainless steel AISI 316. Chilling tubes are made in carbon steel plated with hard chromium. Alternatively other materials are available on request.

Certification
Made in conformity with European Machinery Directive 2006/42/EC. The pressure tank is made in accordance with Pressure Equipment Directive (PED) 97/23/EC. ASME sec. VIII div. 1 or other certificates can be delivered on request.

Cooling media
NH_3, freon.

See further specifications on reverse side

SPX®



Perfector (2+2) x 125

Perfector 125	1 x 125	2 x 125	(1+1) x 125	(2+2) x 125	(1+1+1+1) x 125	(1+1+2) x 125	(2+2+2) x 125
Nominal capacity (kg/h)							
Puff pastry margarine	NA	750	750	1,500	1,500	1,500	2,250
Table margarine	750	1,500	1,500	3,000	3,000	3,000	4,500
Shortening	1,125	2,250	2,250	4,500	4,500	4,500	6,750
Number of refrigerant circuits	1	1	2	2	4	3	3
Number of chilling tubes per refrigerant circuit	1	2	1	2	1	1 + 2	2
Motors (kW)							
Puff pastry margarine	22	37	11 + 22	22 + 45	(2 x 11) + (2 x 22)	(2 x 15) + 45	22 + (2 x 45)
Table margarine	15	30	11 + 15	22 + 30	(2 x 11) + (2 x 15)	(2 x 15) + 30	22 + (2 x 30)
Shortening	15	30	11 + 15	22 + 30	(2 x 11) + (2 x 15)	(2 x 15) + 30	22 + (2 x 30)
Number of gear boxes	1	1	2	2	4	3	3
Cooling surface per tube (m^2)	0.42	0.42	0.42	0.42	0.42	0.42	0.42
Annular space (mm)	6	6	6	6	6	6	6
NH_3 capacity at -20°C (kW)	35	70	70	140	140	140	210
Max. working pressure at 40°C - media side (bar)	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Max. working pressure - product side (bar)	120	120	120	120	120	120	120
Min. working temperature (°C)	-25	-25	-25	-25	-25	-25	-25
Chilling tube diameter/length (mm)	125/1,135	125/1,135	125/1,135	125/1,135	125/1,135	125/1,135	125/1,135
Product volume per tube (l)	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Product pipe in/out (mm)	32 x 1.2	32 x 1.2	32 x 1.2	32 x 1.2	32 x 1.2	32 x 1.2	32 x 1.2
Scraper rotor system	Bulldog	Bulldog	Bulldog	Bulldog	Bulldog	Bulldog	Bulldog
Rows of scrapers	2	2	2	2	2	2	2
Scraper rotor speed (rpm)	490	490	490	490	490	490	490
Water attemperation capacity (kW)	7.5	7.5	7.5	15	15	15	2 x 15
Water attemperation volume (l)	45	45	45	45	45	45	45
Water circulation pump (kW)	0.25	0.25	0.25	0.25	0.25	0.25	0.25
Machine weight (kg)*	1,400	1,600	2,000	3,100	3,500	3,300	4,400

* approximately

All information on this data sheet is subject to change

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For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.gs-as.com.
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