

Turbine d'enrobage

Constructeur : Glatt

Modèle : GLATT GCM-500

Année : 2007

Coating turbine

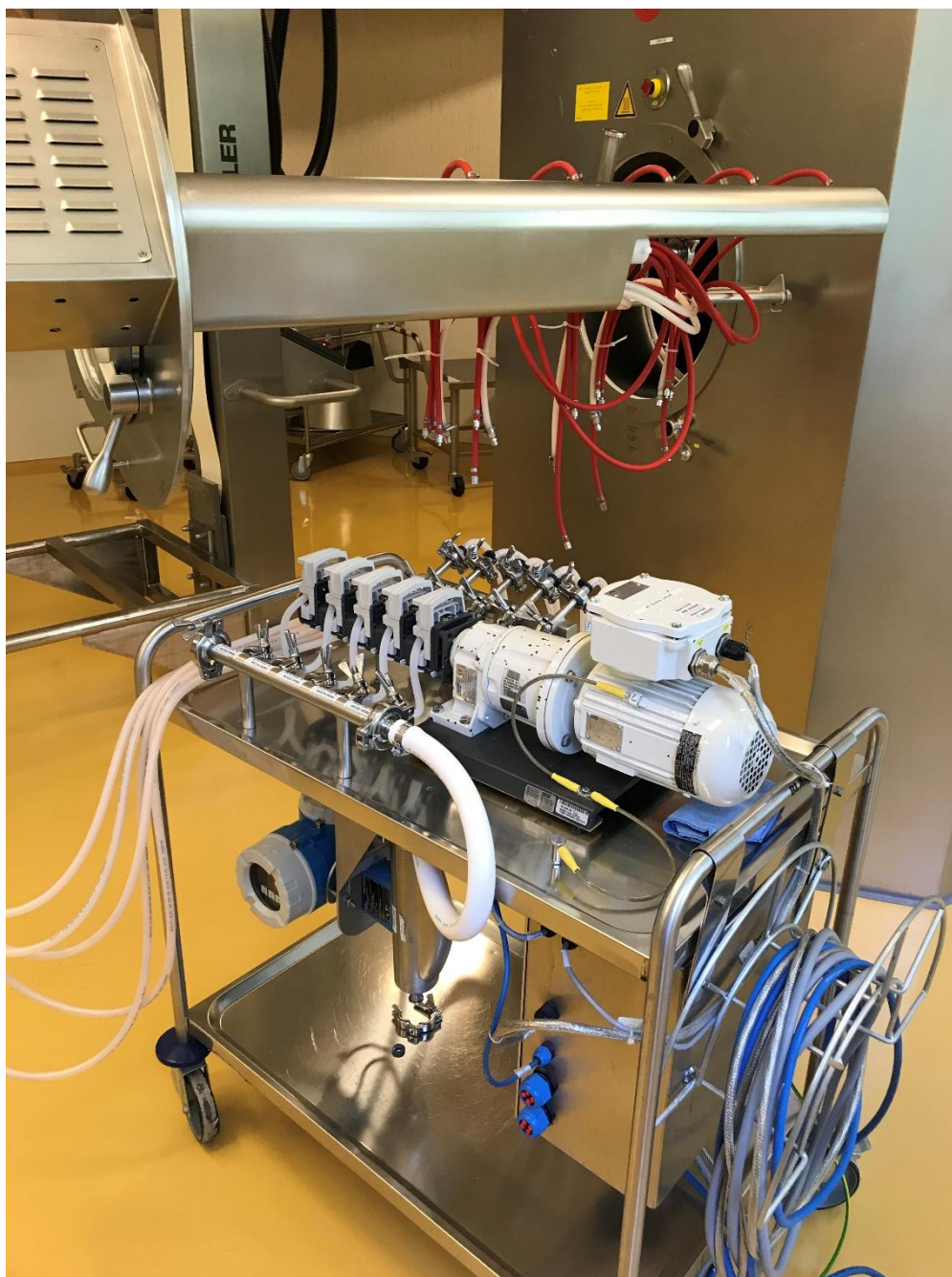
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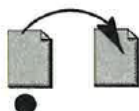
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8. TECHNICAL DATA



For further information, refer to binders "Components"

8.1. Inlet Air Handling Unit (AHU)

Air volumetric flow 6000 m³/h

8.1.1. Frost protection heater (W101000)

Type	FACO P440		
Air volumetric flow		6000	m ³ /h
Heating medium	PHW (pump hot water)	3024	l/h
		80/60	°C
Inlet air		-25	°C
Outlet air		10	°C
Heating capacity		70.3	kW
Pressure drop		17.7	kPa

8.1.2. Pre-filter F6 (F105000)

Type	VOKES –AIR 2 x FP –F6 –610 –HT		
Filter class to EN779		F6	
Filter area		36	m ²
Initial pressure difference		58	Pa
End pressure difference		160	Pa

8.1.3. Dehumidifier (W101500)

Type	FACO P430		
Air inlet temperature		30.0	°C
	at relative humidity	60	%
Air outlet temperature		10	°C
	at relative humidity	99	%
Cooling medium	pressurized cold water	6 / 12	°C
		12024	l/h
Cooling capacity		83.7	kW

8.2. Outlet Air System

Air volumetric flow 6000 m³/h

8.2.1. Deduster (A121500)

Type HERDING DELTAComp 1500–16/9 GB
 Filter area 76 m²
 Initial pressure difference 2800 Pa
 Final pressure difference 3000 Pa
 Admissible operating temperature max. +70 °C

8.2.2. Outlet air fan (V122000)

Type RHE2 U 250 MBGX LG 270 (GL270)
 Nominal speed 1500–3800 rpm
 Motor capacity 37 kW
 Protection degree IP55
 Speed control Frequency converter

8.3. Coater

8.3.1. Product Pan

Pan diameter 1570 mm
 Pan opening diameter 550 mm
 Inspection window diameter 350 mm
 Max. working volume 500 L
 Max. working capacity at density 0.8 kg/L 400 kg
 Number of baffles "Fischer" Type 2.11 5 pcs.
 "Fischer" Type 2.12 5 pcs.

8.3.2. Pan drive

Motor type	L+U	D 112 MA-4	
Motor power		4	kW
Speed range of pan		1.5-15	rpm
Speed control		Frequency converter	

8.4. Spray System
8.4.1. Peristaltic pump

Motor type	ATB	500CC / 1313 ATEX	
Motor power		0.37	kW
Motor voltage		3x400	V
Nominal frequency		50	Hz
Motor speed		frequency controlled	
Protection class		IP 55	

8.4.2. Spray nozzles (film coating)

Type	nozzle insert	Glatt GCSD 3.1	
		Ø1.5	mm
Number of spray nozzles		5	

8.5. Steel and finishing

8.5.1. Material (steel)

All metallic parts of the Coater:

Stainless steel AISI 316 L

Exception: Spray nozzles:

Stainless steel AISI 316

Metallic parts outside the Coater which come into contact with process gases (from end-stage filter in the inlet air handling unit):

Stainless steel AISI 304

8.5.2. Finishing (steel)

All surfaces in contact with product:

Mirror polished to 0.3 microns or less

All other internal surfaces:

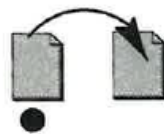
Pickled and brushed

All other surfaces:

Vibration polished to 1.2 microns or less

All welding seams visible and coming into contact with product:

Continuous welded and ground smooth



For further information, refer to binder "Certificates"