

SOMOS® Stationary Resin Dryer RDT-250 with module drying bins



Application

The SOMOS® RDT-250 with its modular design is used to dry hygroscopic plastic pellets. In combination with several drying bins a central drying system is created which meet the highest requirements with regards to throughput, drying quality and saving energy.

Features

- Stationary dry-air generator
- A maximum of 6 drying bins (50l to 300l) arranged in 2 or 3 assemblies
- Consistently low dew point
- Multi-chamber adsorption dryer for bidirectional operation
- SOMOS® control/excellence controller with 6" touchscreen for intuitive operation
- Automatic control of regeneration frequency (Super-SOMOS®)

- Adaptive energy consumption
- Compact, modular design
- No compressed air connection required
- Easy to install and commission

Options

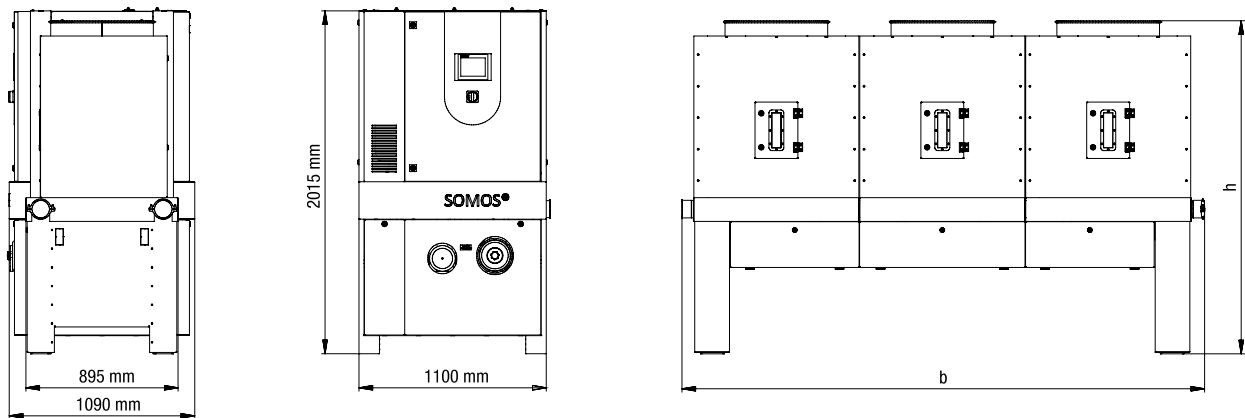
- High-temperature version (HT)
- Data collection software
- Dew point measurement and display of results
- Ultra-fine filtration of dry air
- Condensate separator
- Pre-cooler (operate at < 60 °C)
- Integrated conveying to the processing machines/drying bins
- Fill level sensor in the drying bins

SOMOS®

STATIONARY RESIN DRYER RDT-250 WITH MODULE DRYING BINS

ProTec Polymer
Processing

Technical Data



Dry-air generator

Dry air volume	m ³ /h	250
Dry air temperature		
Standard	°C	60 – 140
High-temperature version (HT)	°C	60 – 200
Achievable residual moisture	ppm	< 100
	%	< 0.01
Cooling water (HT-version)		
Temperature	°C	8 – 12
Requirement partial-/full-load operation	m ³ /h	0 – max. 2.5
Installed power		
Blower	kW	3 x 1.5
Heating	kW	3 x 9.0
Power supply		3N/PE/AC/50Hz/400V
Finishing/color	RAL	5018 and 7016
Weight	kg	420
HT-version	kg	450

Module drying bins

Size drying bin	l	50	100	200	300
Heights drying bin h (s. techn. drawing)	mm	1,525	1,835	1,960	2,265
Material drying bin		Stainless steel			
Assembly sizes	l	2 ass.		3 ass.	
Assembly width b (s. techn. drawing)	mm	2,095		3,075	
Installed power for drying bin	l	50	100	200	300
Heating	kW	3.0	3.0	4.5	4.5
Finishing/color	RAL	5018 and 7016			
Weight	l	50	100	200	300
per drying bin on assembly	kg	200	220	240	260

Are you interested in receiving additional information?
Then feel free to call us.

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