



***AROUND YOUR SUCCESS
THE QUALITY OF THE PROCESS***

An accurate and efficient material drying, is an important element in the processing for have high grade plastics to create a final high quality product for your success.

**DES105-110
NEW HIGH PERFORMANCE SIZE**



The Simatec's engineers, designed and built these new DES compact units with high performance standards.

Cost effective, reliable and easy to use, DES dryers are available with specifications to suit most applications. They can be quickly and easily installed on site, without specialist assistance.

The Simatec DES dessicant dryer is the final solution for treat hygroscopic plastics. The hygroscopic plastics absorb humidity from ambient air which influences the melt in a negative way and massively affects product quality. Thanks to DES dessicant dryer the production risks can be eliminated and a high quality assurance is achieved. No rejects due to humidity.

Drying hoppers are fully insulated with individual heaters and temperature setting controls. The cylindrical shape ensures uniform drying.

The hoppers are available in a range of volume sizes, from 6 to 200 litres. There is the possibility for have also an inspection door for easy access and all are totally insulated.

The hoppers can be machine mounted up to 150 litres size, or floor mounted on mobile frames.

A flange for mounting a Simatec hopper loader is provided on all hoppers.

MODEL		DES 105	DES 110
Voltage - Frequency	V - Hz	230 – 50/60	
Air flow	m³/h	40	
Dew-point	°C	-50	
Process blower	kW	0,2	
Heating power	kW	1	
Total power	kW	1,9	
Average consumption at 80°C	kW/h	0,5	
Noise max level	dB (A)	< 80	
Weight	kG	50	70
DES Dimensions (mm)	Lenght	270	
	Width	490	
	Height	500	800



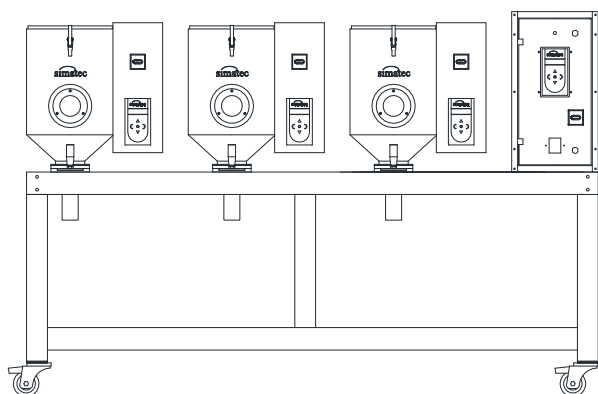
The Simatec DES desiccant dryer use two dessicant beds made in stainless steel totally insulated with high zeolite technology.

The Simatec DES desiccant dryer have a PLC for control all the functions. Simplest handling by modern microprocessor controls. Indicators on the operating panel show the status of the dryer. Each drying hopper temperature can be individually set at the hopper. Programmable maintenances settings are standard included.

**LOW ENERGY
CONSUMPTION**

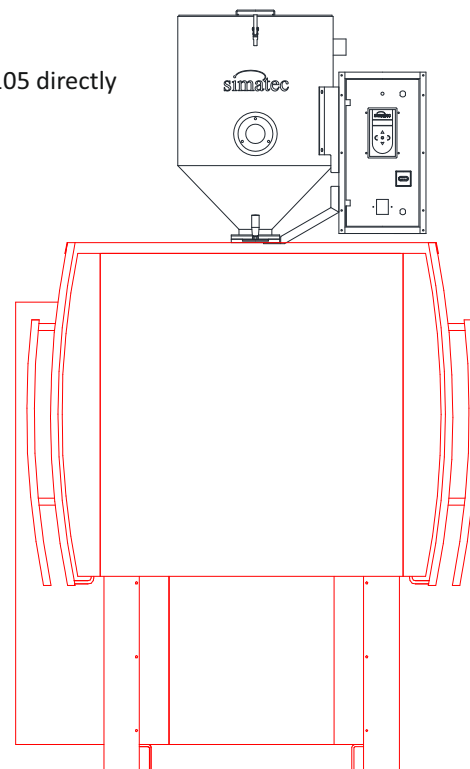


RECOMMENDED COMBINATIONS											
MODEL	TRS6	TRS10	TRS15	TRS25	TRS30	TRS40	TRS60	TRS80	TRS100	TRS150	TRS200
DES 105	O	O	O	O	O	O	O				
DES 110			O	O	O	O	O	O	O	O	O



Example application of an automatic dehumidifying system for small production with different material

Example application DES105 directly on the machine



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