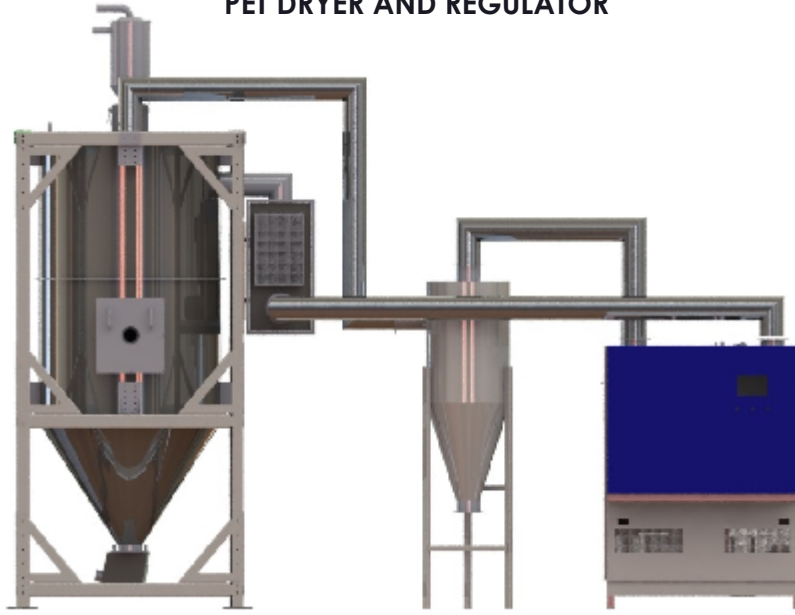




NET
MAKİNE

PET DRYER AND REGULATOR



EXPLANATION

The dry air generator is a multi-chamber system with three desiccant bins with the rotor, which ensures a consistently low residual moisture of the dry air under 500 ppm, so resulting in uniformly good drying results.

Controlling IV loss is critical to maintaining impact strength, stiffness, chemical resistance, melt viscosity, and other key properties of the starting material.

To ensure energy efficiency, NET dryers are equipped with energy-saving Technologies. The desiccant bed regeneration is adapted to the actual moisture loading of the adsorbent. The stationary NET drying system is designed to handle drying temperatures of 60 °C to 140 °C as a standard. A high-temperature version for up to 190°C is also available. The PLC synchronized NET drying units are controlled by manual screen parameters such as heating time, filling time and cooling time. The movement of heating, regeneration and cooling sections allow the dryer to work with efficient timing and precision.

Capacity:	1000kg/h
Air flow:	300m ³ /h
Air circuit type:	Desiccant closed loop circuit
Dew point:	From -50°C to +50°C
Desiccant type:	Active alumina(silica gel)
Drying-Heating-Filling-cooling time(at the start up)	Approx. 2hrs (depending on the raw material and enviroment)
Silo Capacity:	7,5m ³
Dry air temperature range:	60°C / 180°C
Achievable residual moisture:	0,04ppm
Drying blower power:	11Kw (2 pieces)
Drying Heater power:	30Kw
Regenerating blower power:	5,5Kw
Regenerating heater power:	30Kw
Heat Control Zone:	4
Cooling method:	Water cooling system
Cooling Water Specifications:	10°C / 2,5bars