



NET
MAKİNE

PET DRYER AND REGULATOR



PRODUCT INFO

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 absorbent. 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 , filling and cooling time. The movement of heat, regeneration and cooling sections allow the dryer to work with efficient timing and precision.

CAPACITY	1000kg/h
AIR FLOW	300m ³ /h
AIR CURCUIT TYPE	Desiccant closed loop circuit
DEW POINT	From -50°C to +50°C
DESSICANT TYPE	Active alumina(silica gel)
DRYING-HEATING-FILLING-COOLING TIME (at the start up)	Approx. 2hrs (depending on the raw material and enviroment)
SILLO CAPACITY	7,5m ³
DRY AIR TEMPRATURE RANGE	60°C / 180°C
DRYER BLOWER POWER	11Kw (2 pieces)
DRYER HEATER POWER	46Kw
REGENERATION BLOWER POWER	5,5Kw
REGENERATION HEATER POWER	46Kw
HEAT CONTROL ZONE	4
COOLING TYPE	Water cooling system
COOLING WATER SPECIFICATION	10°C / 2,5bars