

The entire gamut of auxiliaries

One of auxiliary equipment supplier Moretto's successful products is its Dry Air mini dryer for small technical products, such as micro-camera lenses. Just last year, it sold 3,000 of these with more than 1,200 machines installed in Asia. Based on the zeolite technology, the machine uses a self-regenerating double tower and compressed air that allows manual regulation of the hopper air flow. An anti-stress function allows the maximum setting of the return air temperature and reduces the air flow when this temperature is exceeded to protect the material from thermal stress. Four models are available, each one with a hopper.

Moretto says another successful machine is the X dryer. A dehumidifying system, only two parameters are required to be set in the equipment: the hourly output and the material to treat. The dryer automatically manages and controls a series of variable data such as the residence time, process temperature, air flow capacity and anti-stress mechanics. Based on the zeolite technology, this system operates without compressed air and cooling water. It is available in six different sizes with air flow capacity from 25 to 350 cu. m/hour. In the new XD 600, with air flow capacity of up to 2,500 cu. m/hour, the main characteristics are that energy is recovered from regeneration and cooling water is not required.

Another new system for PET treatment, X PET-PRO, is a combination of the XD 600 and a special hopper integrated with the thermal exchanger (CTX or Crossed Thermal Exchanger), which allows energy savings from 20 to 45 kW/hour for an output of 1,500 kg/hour.

In the dosing sector, Moretto has introduced the DGM Gravix 1000 gravimetric dosing unit. The largest model in the range has a dosing capacity of 5,000 kg/hour for two components and 3,600 kg/hour for four components. Eight hoppers are included and the system is able to treat regrind as well as flakes with weights of up to 0.2 kg/dm³. A high dispersion mixer allows a homogeneous blend as a result of the digital technology and the double lid valve.



Moretto's latest gravimetric dosing unit