New range of materials handling products to be displayed at NPE

Universal Dynamics (Una-Dyn), a company owned by Piovan, has expanded its PCT3 product line to accommodate a broader range of process drying applications for lower processing throughputs.

The PCT3 Dryer Series, which will be on display at NPE 2012, has a new standard throughput range of 100 to 6000 lbs/hr and drying temperature range of 120–375°F. PCT3 drying technology is said to deliver extremely stable dewpoint and drying temperatures throughout the entire drying cycle for the lowest possible energy consumption by incorporating an advanced heat recovery system, adaptive energy optimiser and a water saver valve. According to Una-Dyn, significant energy savings have been validated with data from actual installations.

The company will also introduce the new Focus series controls for resin dryers and crystallisers. Featuring full VGA graphics and touch screen controls, the Focus series controllers are said to interface with Una-Dyn’s entire resin drying and crystallising line; supporting full data—logging capability, a simple operator interface and the ability to communicate with Una-Dyn’s Factory Acquisition Control System, FACS.

The new RLM series self-contained, multiple machine cell loading module is said to be designed specifically for small injection moulding cells, which can be configured to load single or multiple stations. According to Una-Dyn, the unit has a small footprint, is easy to setup and operate. Said to be ideal for beside the press, up and in loading of IMM feed hoppers, glass tube chambers, blenders or drying hoppers; this system can be configured as a stand alone with on board controls or controlled through the resin dryer, Una-Dyn’s FACS Control System or configured with the loader sequence valves integral to the RLM housing.

Also on display will be the HGP series dual fuel power pack. Designed to provide optimum user energy management, a single self-contained unit houses both gas and electric heaters. This permits the user to choose the most economical energy source, depending on energy costs. Said to offer a small footprint, simple setup and operation, the HGP offers the possibility of significant energy savings.

The GS series low throughput dryer is said to have a number of energy and process modifications significantly improve the dryer performance and reliability. The GS3 incorporates the focus controller for stable dewpoint and temperature control throughout the drying cycle. Housed in a mirrored stainless steel enclosure, the GS3 is said to have an extremely small footprint.

Also on display will be the Piovan Genesys dryer, specifically designed for the treatment of PET and a loss-in-weight blender from FDM, specifically designed for extrusion processes.

Further information: www.piovan.com

Loss in weight dosing unit by FDM