

**Moretto unveils its X Dryer**

It was announced last year, but it is only during Plast '06 that Moretto PA will unveil one of its most recent creations: the new X Dryer, whose slogan "Infinite needs, one touch" summarises its extreme easiness of use.

To start the drying process it is necessary to set only two parameters through the touch screen display: material to treat and hourly throughput in kg/h. All other parameters such as technological airflow in m<sup>3</sup>/h, airflow ratio (m<sup>3</sup> per throughput in kg), process temperature, drying temperature and process overtime are automatically adjusted by the system. This makes the procedure, thus, really easy. According to what the company says, X Dryer can supply dry air at a much lower cost compared to any other conventional dryer. However, most of the saving comes from the simultaneous management of the process variables, since this dryer supplies only what is needed by the system.

Moreover, this machine does not use compressed air nor cooling water and can supply technological air up to -75°C Dew Point, with constant efficiency within 10 points. Soft start, heating boost and regeneration with dry air are other features of this extraordinary machine, which regenerates in counter current, does not need extra heating chambers and adapts itself to the real needs.

Moretto highlights that the capacity to supply dry air depending on the real needs as well as the reduction of energy consumption guarantees a reduction of the cost per dried kilo of material up to 72% compared to conventional dryers, either of the carousel, double-tower or vacuum type. By reducing the time for treatment, it is possible to avoid significant variations in viscosity that imply additional costs during the following processing phases.

Moretto's stand will also display the new DPM – Microbatch Pulsed Dosing Unit – designed for precision microdosage. Among its features, it is important to remember the self-learning function, with direct setting of the percentages and the possibility to store up to 100 recipes.