

Modula

AUTO-ADAPTIVE central drying system

Modula automatically adjusts and controls all operating parameters for each individual hopper **and hence uses only the overall amount of energy strictly required**. This is made possible through **specific software** that interfaces the settings for each hopper with the data collected by the sensors installed on the system.

Benefits:

- **Energy efficient functioning:** optimized automatic modulation of all drying parameters for each specific polymer.
- **Continuous adjustment of airflow.**
- **Up to 12 hoppers independently managed.**



By using a **patented measuring unit** located in the air supply line and under each hopper, the airflow can be adjusted and controlled instantaneously and independently hopper by hopper.

In addition, total **airflow is modulated automatically** by the central drying unit, resulting in optimum process operating conditions.



Piovan

Customers. The core of our innovation

Main features:

- Self-modulating operation for 50% Energy Savings.
- Inverter controlled process blower.
- Proprietary air flow control.
- Patented automatic modulation of process air flow.
- Industrial PC system control
- Material database management.
- Available for medium capacity applications (200 to 300 kg/h).



(a) Process air flow management system



(b) Modula HMI based on industrial PC system control

