

ProTec Polymer Processing

Resin drying with compressed air

The alternative to desiccant dryers

SOMOS® RDX for drying plastic pellets with operationally available compressed air is the economic alternative to conventional drying systems (e.g. desiccant dryers), because the compressed air technology guarantees perfect drying results at minimal operating costs and an almost maintenance-free production.

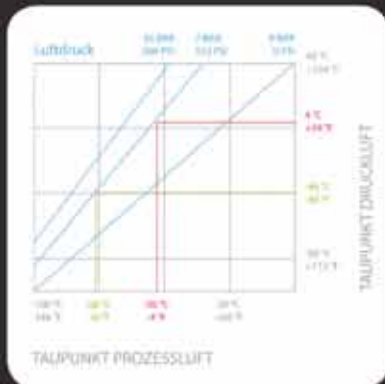
The newly developed pellet dryers operate with the **RDX compressed air technology**, and they use pre-dried air from the compressed air available on site network for the drying process. Through relaxation to atmospheric pressure, dry compressed air with a very low dew point is created. It is then heated to the required drying temperature and then introduced into the dryer.



SOMOS[®] RDX series

An overview of the advantages:

- Well tried-and-tested and economical 3D RDX compressed air technology
- Thermal decoupling through optimal insulation
- Even air distribution using a ring nozzle system
- Intelligent compressed air volume control through sensors
- Compact modular design
- 38 container sizes: 1 to 82 liters
- Round containers made entirely of stainless steel
- Automatically, adjustable level control
- Optional separation of container and air unit
- Optional for 27, 42 and 62 liters: dividable containers for optimal cleaning
- Low maintenance and energy requirement
- Suitable for all plastics
- Process air with dew point -25°C (if required up to -65°C)
- Simple installation („plug & play“)
- Integration on all standard machines
- Numerous standard interfaces
- Networking of several dryers via remote mode is possible
- Comfortable regulator with entirely flexible basic electronic structure
- Integrated control for conveying and discharging
- Automatic temperature control
- Drying time monitoring with or without lowering of temperature
- Automatic lowering of temperature upon manufacturing standstill
- Integrated weekly setting program
- Modem output for remote maintenance, program updates and analyses
- Dew point display with optional dew point sensor (can be retrofitted)
- 3-year manufacturer's warranty
- Comprehensive system accessories



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