

FAST AND RELIABLE DRYING.

EFFICIENT DRYING SYSTEMS FOR YOUR
PACKAGING PROCESS.

Packaging



FROM STANDARD TO SPECIAL SOLUTION.

Following cleaning, pasteurization or sterilization, primary and secondary packages must be reliably dried for subsequent printing, labelling, final packaging or further processing.

The HARTER developed Airgenex® condensation drying technology has been used in a large variety of industrial applications for more than 20 years. Our technology offers the following advantages to the operator:

- > short drying times
- > reliable drying process
- > temperature variable between 20 °C and 90 °C
- > low temperature for gentle drying
- > energy-saving drying process

We will provide a solution purpose-built for your special product and perfectly integrated in your process - from conventional driers to customized drying systems. Airgenex® drying is suitable for any operation, batch or continuous.

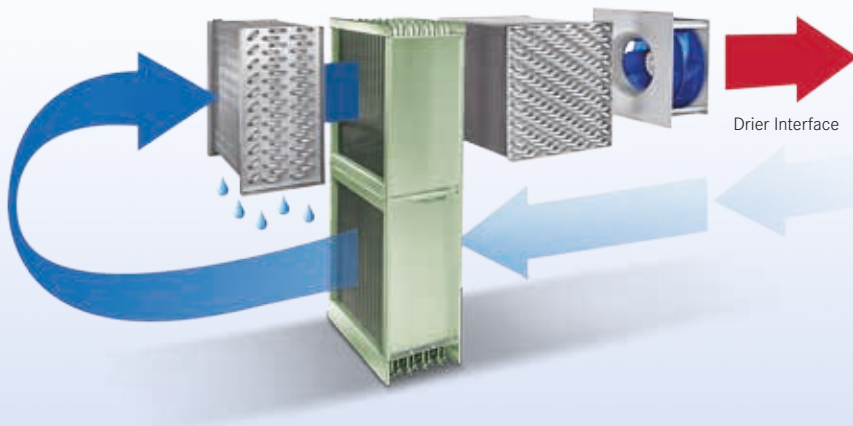
Our standard portfolio includes automation and handling equipment which may be adjusted to the customer's needs. Non-compressed air blowing is optional in continuous applications while a dedicated air routing system is essential for batch drying chambers to obtain best drying results.

Airgenex® condensation drying stands for gentle handling and optimum product integrity.

Combined Drying and Cooling

With minor modification, our Airgenex® system may also be used for cooling if desired or required by your process.

Airgenex® - THE PROCESS.



Our purpose devised Airgenex® condensation drying system operates at temperatures between 20 °C and 90 °C, as required for each application. Extremely dry air is passed to the material to be dried to absorb all moisture. When this air is cooled water condenses. The cooled, dehumidified air is reheated using recuperated heat. The drying cycle is a closed type and, thus, almost emission-free. The system has a low power rating which helps to further reduce power consumption and equivalent CO₂ emission. This process makes sense both economically and ecologically.



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